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CFR Long-Term Remedy Performance Monitoring Report #3

July – September 2023

Chemours Fayetteville Works

Prepared for

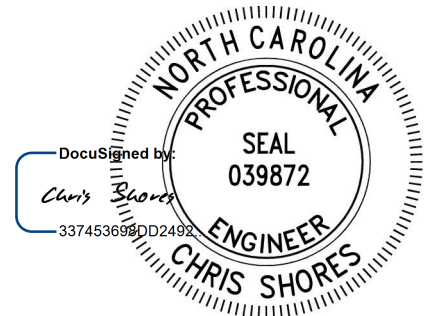
The Chemours Company FC, LLC
22828 NC Highway 87
Fayetteville, NC 28306

Prepared by

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

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EXECUTIVE SUMMARY

This CFR Long-Term Remedy Performance Monitoring Report #3 (“Report”) has been prepared for the Q3 2023 period of July 1 through September 30, 2023 and documents the continued operation of the interim seep Flow-Through Cells (FTCs), the ex-situ seeps and weeps capture systems (“Ex-Situ Capture Systems”), the groundwater extraction and conveyance system (GWEC), and the groundwater treatment plant (GWTP). The table below summarizes the flow capture in millions of gallons (MG) and the per- and polyfluoroalkyl substances (PFAS) removal (Table 3+ [17 compounds]) in pounds (lbs) for each remedy element.

Remedy Element	Report Period (Jul - Sep 2023)		Cumulative through Sep 2023*	
	Flow Captured/ Treated (MG)**	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	14	4	413	609
004 Treatment Plant	57	74	152	202
<i>Ex-Situ Capture Systems</i>	5.5	<i>Included in 004</i>	8.2	<i>Included in 004</i>
<i>GWEC</i>	52.7	<i>Included in 004</i>	144.7	<i>Included in 004</i>
Total (Interim FTCs + 004)	71	78	565	811

*Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C)

**Minor differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems.

Flow into the interim FTCs continued to decrease in this reporting period (an approximately 70% reduction compared to the previous year, Q3 2022, and an approximately 30% reduction compared to the prior quarter, Q2 2023) due to the effects of the long-term remedy. Sustained periods of no-flow conditions (no flow coming into or out of the systems) have been observed at all FTCs during dry weather. As a result, batch mode operation was implemented in early September, in which the inlet header valves were closed to allow for the impoundment to accumulate sufficient water such that the FTCs can process water at flow rates typical of the previous standard operation.

A reduction in influent concentration into the FTCs has also been observed. At all four FTCs, the influent concentrations decreased between 56 to 91% (September 2023 as compared to historical data through December 2022). This reduction in concentration is attributed to the barrier wall cutting off upgradient groundwater flow, and the overall water balance into the FTCs becoming more dominated by wet weather, rainfall derived flow. This trend will continue to be monitored in

future quarters. The interim FTCs removed on average approximately 95.1% of PFAS (Total Table 3+, 17 Compounds) from this reduced flow during the reporting period.

The 004 GWTP removed greater than 99% of PFAS¹ from the combined flow of the GWEC and Ex-Situ Capture Systems, as required by the COA.

Performance monitoring activities, including hydraulic head monitoring and surface water sampling, are also documented in this Report. Similar to the previous reporting period, performance monitoring indicates that the GWEC system has resulted in a reduction in gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux to the Cape Fear River. This reduction in PFAS mass discharge is evident in the diminished flows into the FTCs and is also documented in a report for the Mass Loading Model (MLM) program, submitted for the same reporting period concurrent to this Report (Geosyntec, 2023d). Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer, particularly in the midsection of the Northern Alignment along Willis Creek, with nearly 9 feet of groundwater elevation reduction observed in monitoring wells.

¹ As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyacetic acid (PFMOAA)

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LIST OF ACRONYMS AND ABBREVIATIONS

COA	Addendum to Consent Order Paragraph 12
DO	Dissolved Oxygen
DQO	Data Quality Objectives
DVM	Data Verification Module
eDMR	Electronic Discharge Monitoring Reports
EIM	Environmental Information Management
EPA	Environmental Protection Agency
EW	Extraction Well
gpm	gallons per minute
FTC	flow-through cells
GAC	Granular Activated Carbon
GWEC	Groundwater Extraction and Conveyance
GWTP	Groundwater Treatment Plant
HFPO-DA	hexafluoropropylene oxide-dimer acid
lbs	pounds
MG	million gallons
mg/L	milligram per liter
μS/cm	microsiemens per centimeter
MLM	Mass Loading Model
NCDEQ	North Carolina Department of Environmental Quality
NAVD88	North American Vertical Datum of 1988
ng/L	nanograms per liter
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity units
OM&M	Operations, Maintenance, and Monitoring
OW	Observation Well
PFAS	per- and polyfluoroalkyl substances
PFM	Passive Flux Meter
PFMOAA	perfluoro-2-methoxyacetic acid

PMP	Performance Monitoring Plan
PMPA	perfluoro-2-methoxypropionic acid
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percent Difference
SU	Standard Units
USGS	United States Geological Survey

1 INTRODUCTION

Geosyntec Consultants of NC, P.C. (Geosyntec) has prepared this CFR Long-Term Remedy Performance Monitoring Report #3 (“Report”) on behalf of The Chemours Company FC, LLC (Chemours) to provide a summary report of Operations, Maintenance, and Monitoring (OM&M) for the groundwater and seep remedies installed at the Chemours Fayetteville Works Site (the Site) pursuant to the Addendum to the Consent Order Paragraph 12 [COA] Paragraph 2.c.v.

This Report #3 has been prepared for the period of July 1 through September 30, 2023 (Q3 2023). In prior reports, construction was still ongoing for some remedy elements, and detail was provided about the permitting and construction aspects of each element. In Q3 2023, the remedy components were all operational. These consist of the groundwater extraction and conveyance (GWEC) system, the Ex-Situ Seeps and Weeps capture systems (“Ex-Situ Capture Systems”), and the groundwater treatment plant (GWTP). The interim in-situ flow-through cells (FTCs) have also been incorporated in this Report for a comprehensive evaluation of groundwater and seep remedy components. The components of the remedies are shown in an overview layout in Figure 1-1. Various monitoring and sampling activities were conducted during the reporting period as summarized in Table 1-1.

1.1 Data Validation

Analytical data for the data collected during the Q3 2023 reporting period were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial software program used to manage data. Following the DVM process, a manual review of the data was conducted. The DVM and the manual review results were combined in a DVM narrative report for each set of sample results, which were consistent with Stage 2b of the *USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (USEPA, 2009). The DVM narrative report summarizes which samples were qualified (if any), the specific reasons for the qualification, and any potential bias in reported results. The data usability, in view of the project’s data quality objectives (DQOs), was assessed, and the data were entered into the EIM system.

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

- Hold time criteria
- Field and laboratory blank contamination
- Completeness of QA/QC samples
- Matrix spike/matrix spike duplicate recoveries and the relative percent differences (RPDs) between these spikes

- Laboratory control sample/control sample duplicate recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- RPD between field duplicate sample pairs

A manual review of the data was also conducted, which included visual inspection of sample chromatograms for appropriate integration and verification that detections in field or equipment blanks have been applied to all applicable samples. Based on the results of the DVM plus manual review, the following data evaluation qualifiers were applied to the analytical results as required:

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

The DVM narrative reports are provided in Appendix A. The data review process described above was performed for all laboratory chemical analytical data generated for the sampling event. Overall, the DQOs were met for accuracy and precision. The data collected are believed to be complete, representative, and comparable, with the exception of R-PSDA, Hydrolyzed PSDA, and R-EVE; matrix interference studies have shown that quantitation these compounds is inaccurate due to interferences by the sample matrix (Geosyntec, 2020a). Results for these three analytes are J-qualified as estimated.

Additionally, the laboratory noted that due to shipping delays two samples (influent and effluent) collected from the GWTP on July 11, 2023 were received outside the temperature criteria of 10 °C. These samples were received at 19.3 °C. Due to the thermal stability of PFAS compounds, laboratory analysis of these samples proceeded, and data qualification was not deemed necessary. No other samples were received outside the temperature criteria.

2 IN-SITU SEEP FLOW-THROUGH CELLS

The in-situ FTC remedies have been in operation since December 2020 beginning with Seep C. Detailed information on the hydraulic mechanics of the FTC system, flood management practices, data collection methodology and reduction process, and flow calculation formulas is presented in previous Seeps O&M reports. As a simplifying step for presentation clarity, at various sections in this report, reference is made to these details in the most recent bimonthly Seeps O&M Report, Seeps O&M Report #14.

2.1 Inspections, Operation, and Maintenance

The following sections describe the inspections, operation, and maintenance activities completed at the four FTCs during the current reporting period.

2.1.1 Inspections

Routine inspections occurred on a weekly basis (at a minimum), and also occurred within a 24-hour period after rain events of 0.5 inches or greater. An Inspection Form was filled out by O&M personnel during each inspection.

The routine inspections included, but were not limited to:

- Documenting the system duty cycle (i.e., lead/lag orientation of the granular activated carbon [GAC] filter beds).
- Measuring and collecting operational parameters/data, notably water elevation data that are used to evaluate influent flowrate and the occurrence (if any) of bypass.
- Documenting potential observed issues, such as sediment accumulation in the impoundment basin, structural problems, GAC fouling, and debris that is impairing flow through the system.
- Inspecting the autosamplers.
- Photographing the conditions observed, including any bypass flow.

A summary of the inspection and maintenance events completed during this reporting period is provided in Tables 2-1A-D for Seeps A-D, respectively. Further details of these events are provided in the following subsections.

2.1.2 Duty Cycling

The Seep FTCs are constructed of two filter beds which typically operate in series. Tables 2-1A-D detail the filter bed configurations for Seeps A, B, C, and D over the reporting period of July 1 through September 30, 2023. The approximate number of days each filter bed was in lead during the reporting period for Seeps A, B, C, and D is summarized in the table below:

Seep	FB1 Lead (days)	FB2 Lead (days)	Total Uptime in Reporting Period (days)
A	92	0	92
B	6	86	92
C	2	90	92
D	33	59	92

2.1.3 FTC Management During River Flooding

During the reporting period, the Cape Fear River did not rise above the action level² established to protect electronic equipment. Cape Fear River elevation data are described in Section 2.3.5. Cape Fear River elevation statistics are presented in Table 2-2, and elevation changes during the reporting period are shown on Figure 2-1.

2.1.4 Material Changeouts

The table below summarizes the material changeouts through this reporting period:

Seep	Filter Bed	GAC Changeouts		
		Date	GAC Age/Lead Days	GAC Removed (lbs)
B	FB1	7/6/2023	148/91	18,000
A	FB2	7/28/2023	120/85	27,000
D	FB1	8/3/2023	345/161	27,000
<i>Total</i>				72,000

2.1.5 Issue Resolution and System Optimization

The FTC operations team continued to employ optimization tools previously developed. As noted in this Report, some FTCs were periodically operating at reduced or no-flow conditions, which is attributed to the long-term remedy capturing flows which had previously reached the FTCs.

² See Section 2.3 of Seep O&M Report #14 for details regarding the action level that was established to protect the electronic components of the autosamplers from flood events.

Starting in September 2023, shortly after Hurricane Idalia passed through the region in late August, O&M personnel transitioned to batch mode operation at all FTCs, in which the inlet header valves were closed to allow for the impoundment to accumulate sufficient water such that the FTCs can process water at flow rates typical of the previous standard operation. Batch mode is identified on Figures 2-2A-D and Figures 2-4A-D.

2.2 Data Collected

The FTCs include design components to measure water levels in the system, precipitation, water quality, and per- and polyfluoroalkyl substances (PFAS) removal performance. The W.O. Huske Lock and Dam gage station is also used to reference nearby precipitation and river levels. Details regarding the procedures for each type of data collected, including pressure transducer management and data processing, rainfall and river stage data collation, and sample collection can be found in Seeps O&M Report #14. The transducer data reduction process for the current reporting period is provided in Appendix B.

Data Type	Monitoring During Q3 2023
Flowrate Measurements	Monitored for flow every 15-minutes using pressure transducers
Rainfall and River Stage	Monitored every 15 minutes using data from the W.O. Huske Dam (gage 02105500).
Performance Monitoring and Water Quality Measurements	During this reporting period, six sets of performance monitoring samples each were collected from Seeps A, B, and D. Seven sets of performance monitoring samples were collected from Seep C. Dates of composite periods for each sample are listed in Tables 2-3A-D. Water quality in the Inlet Chamber and Effluent Stilling Basin at Seeps A-D was monitored at the same frequency as performance monitoring.
Breakthrough Monitoring	Grab samples were collected from the Inlet Chamber, Transfer Basin, and Effluent Stilling Basin at Seeps A-D for evaluation of system performance and the need for GAC changeouts. Thirteen sets of breakthrough monitoring samples were collected from Seep A, thirteen sets at Seep B, fourteen sets at Seep C, and thirteen sets at Seep D during this reporting period (53 total).
Rain Event Monitoring	Wet weather monitoring samples were analyzed for Table 3+ PFAS, as outlined in the <i>Interim Seep Remediation System Plan</i> (Geosyntec, 2020b). Tables 2-3A-D lists the wet weather samples collected at Seeps A-D during the reporting period and the associated cumulative rainfall prior to the sampling timeframe.

2.2.1 Deviations

Performance Monitoring Sampling Deviations

The planned number of performance monitoring samples were collected at Seeps A-D per the *Interim Seep Remediation Plan* (Geosyntec, 2020b). Deviations in sample composite lengths are described below.

- During the collection of the composite sample on July 14, 2023, the sampling tubing came out of the influent stilling basin for approximately 4 days, resulting in the collection of fewer aliquots (216) than planned (336).
- During the collection of the composite sample on August 14, 2023, the power supply for the Seep A effluent autosampler malfunctioned, resulting in the collection of fewer aliquots (150) than planned (336).
- The FTCs were operating under batch mode in September. Seeps A, B, and D were closed for the majority of September and opened for a short duration to treat accumulated water in the pond. For comprehensive purposes, batch mode samples were collected on September 23, 2023, and were used as both performance monitoring and wet weather samples. These samples were comprised of 24 aliquots.

Wet Weather Sampling Deviations

A wet weather sample was attempted at Seep D on August 5 as with the other FTCs, but an operational malfunction interrupted the effluent sample. Therefore, the autosampler was reprogrammed and a wet weather sample was successfully collected on August 29, 2023.

2.3 Results

The results for each type of data collected are described in detail in the following subsections. Laboratory analytical results are compiled in Appendix A. A brief overview of the results is as follows:

Reporting Period Metric	Seep A	Seep B	Seep C	Seep D	Total
Rainfall, Actual (inches)	14.41 (July 1 – September 30, 2023)				
Rainfall, Historical Average (inches)	13.43 (July 1 – September 30, 2004-2020)				
River Above Spillway (days) ¹	0	0	0	0	N/A
Median Flow Rate (gpm)	34	34	26	15	109
Seep Volume Treated (MG)	5.2	4.3	3.6	1.3	14.4
PFAS Removed (lbs) ^{*2}	1.7	1.4	0.62	0.71	4.4

1 - Seeps A and D are approximately 1 foot lower in elevation than Seeps B and C.

2 – Total PFAS calculations are based on the total Table 3+ (17 compounds) presented in Table 2-4A-D.

2.3.1 System Flowrates and Operational Periods

System Flowrates

Figures 2-2A-D show the measurable flowrates through the FTC over the reporting period for Seeps A-D, respectively. The flowrate statistics calculated from measurable discharge flowrates for Seeps A-D for the current reporting period are tabulated below.

Flowrate Metric	Seep A	Seep B	Seep C	Seep D
Median Flow Rate (gpm) during the Reporting Period	34	34	26	15
Median Flow Rate (gpm) prior to Barrier Wall installation (from FTC startup through December 2022)	85	124	49	83

Using the measured and extrapolated flowrate calculations, approximately 5.2 MG, 4.3 MG, 3.6 MG, and 1.3 MG of water (14.4 MG total) were treated by the Seeps A, B, C, and D FTCs, respectively, from July 1 through September 30, 2023. As shown in Figure 2-3, total volume discharged by the FTCs has decreased dramatically since January 2023. This reduction is not a result of recent weather conditions, as this reporting period received average rainfall, and bypass was very limited. Moreover, at all four seeps, there were several days when the FTCs processed

negligible or no flow. In Figures 2-2A-D, the low/no flow durations can be seen to last from a few days to over one week. These instances of low/no flow in the FTC were confirmed during inspections by the O&M personnel. The reductions in flow are attributed to the operation of the groundwater extraction system and ex-situ seep capture ponds, and the completed installation of the barrier wall. Starting in September 2023, as discussed in Section 2.1.5, O&M staff periodically closed inlet and transfer basin valves for batch mode processing.

Instances of Bypass

The influent water level elevation and occurrences of bypass flow for Seeps A-D for the reporting period are shown in Figures 2-4A-D. The total rainfall received in July was approximately 4.93 inches, which is approximately 25% greater than the monthly historical average of 3.89 inches. The total rainfall received in August was 7.22 inches (approximately 40% greater than historical average of 5.24 inches), and in September was 2.26 inches (50% less than historical average of 4.30 inches). Overall, for the three-month period, the total rainfall received (14.41 inches) was similar to the historical average (13.43 inches).

In late August, the heavy rains caused bypass at Seeps A, B, and C. The only other instance of bypass at a seep during the three-month reporting period was at Seep A and Seep C in July, caused by a period of consistent rainfall. These few instances of bypass at the seeps were resolved with maintenance events lowering the impoundment below the spillway, similar to previous reporting periods.

Long-Term Remedy Impacts on Baseflow

Figures 2-4A-D depict the elevation of the influent pond at each seep and instances of batch mode processing. As shown, even with the FTCs turned off, the impoundment elevation generally appears to respond only during rainfall events, indicating that the long-term remedy components have eliminated or reduced the seep baseflow.

As an additional means to measure changes in impoundment elevation, a staff gauge was installed in the impoundment of each seep on September 25-26; these data will be included in the next report covering the October-December 2023 period. Daily observation of these gauges will facilitate tracking of changes of impoundment elevation even when the elevation decreases below the invert of the inlet weir (thereby becoming inaccessible to the transducer in the Influent Stilling Basin). Continued assessment of impoundment elevation in future reporting periods will further support that baseflow to the seeps has been mitigated.

2.3.2 Performance Monitoring Analytical Results

Analytical results for the composite performance monitoring samples are provided in Tables 2-4A-D and summarized below. Figure 2-5 shows that influent concentration into the FTCs has reduced in the recent months. For data up through December 2022 (approximately the time

when barrier wall test panel installation began), the average Influent concentration into FTCs A-D ranged from 102,000 to 236,000 nanograms per liter (ng/L). As shown below, the average Influent concentration into the FTCs in Q3 2023 ranged from 21,000 to 69,000 ng/L. This reduction in concentration is attributed to the barrier wall cutting off upgradient groundwater flow, and the overall contribution of water balance into the FTCs becoming more dominated by wet weather, rainfall derived flow. The combination of reduced flow component and reduced influent concentration has resulted in an overall mass removal trend that is approaching asymptotic levels as shown in Figure 2-6. These trends will continue to be monitored in future quarters.

Analytical Results – Performance Monitoring	Seep A	Seep B	Seep C	Seep D
Average Influent Total Table 3+ PFAS, 17 compounds (ng/L)	49,000	44,000	21,000	69,000
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	2,823	5,317	338	1,210
Average Removal Efficiency (%)	94.9	88.8	98.4	98.3

2.3.3 System Effectiveness

System effectiveness calculation procedures are presented O&M Report #14. Based on the system flowrate data and the performance monitoring composite sample data of the three indicator compounds, the system effectiveness for Seeps A-D was calculated as follows:

	System Effectiveness (%)			
	Seep A	Seep B	Seep C	Seep D
July	99.0	94.8	98.6	97.9
August	85.6	78.8	97.8	98.7
September	89.3	84.8	99.0	98.7
Overall Average	93.6			

Low/no-flow conditions at the seep are suspected to have potentially created preferential pathways within the filter bed(s), as adequate distribution of flow over the GAC is more difficult with reduced flowrates. To better manage the low/no-flow conditions, batch mode processing was implemented in September shortly after Hurricane Idalia passed through the area in late August (see Section 2.1.5). Breakthrough and performance monitoring data indicate that batch mode has been successful at improving the removal efficiencies.

2.3.4 Wet Weather Sampling Results

Wet weather monitoring samples were collected at Seeps A, B, C, and D during the reporting period (Tables 2-3A-D), and their analytical results are shown in Tables 2-5A-D and summarized

below. As noted in Paragraph 2(a)(iii) in the CO Addendum, these results are not to be used to determine compliance under Paragraph 2(a)(vi).

As the composite influent sample collected from Seep D on August 5 did not have a contemporaneous effluent sample, it was omitted from statistical calculations.

Analytical Result – Wet Weather Monitoring	Seep A	Seep B	Seep C	Seep D
Average Influent Total Table 3+ PFAS, 17 compounds (ng/L)	53,000	38,667	21,000	79,333
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	540	3,800	409	1,133
Average Removal Efficiency (%)	99.0	89.0	98.3	98.7

2.3.5 River Elevation and Precipitation

The Cape Fear River was monitored using the existing United States Geological Survey (USGS) weather monitoring station at the W.O. Huske Dam (gage 02105500), as described in Section 2.2. During this reporting period (July 1 through September 30, 2023), the river did not rise above any key elevation milestones. The changes in elevation of the Cape Fear River during the reporting period are shown in Figure 2-1. For clarity of presentation, Figure 2-1 shows the key FTC elevations at Seep C only.

Table 2-2 presents the percent of time the elevation of the Cape Fear River has exceeded these key elevations over the lifetime of operation at each seep FTC. As shown, the river has been above the Seep A/B/D features less frequently than the historical dataset, as compared to Seep C, which was installed during the extraordinarily wet winter of 2020/2021.

2.3.6 Water Quality

The water quality measurements collected during the reporting period are provided in Tables 2-6A-D and described below:

- Dissolved Oxygen (DO):** No significant differences were observed in the fluctuations of DO between influent and effluent locations at all four seeps. On a median basis, the DO changed by 0.5 milligram per liter (mg/L) or less. Aerobic (>2 mg/L) conditions were consistently observed during the reporting period. The FTC systems do not involve biological activity to treat influent water, therefore, DO is not expected to decrease or increase significantly over the system's residence time.

- **Temperature:** At all four seeps, the median temperature of the effluent was within 0.3°C of the median temperature of the influent during this reporting period. Due to the relatively short residence time in the FTC, temperature is not expected to change significantly throughout the FTC.
- **Specific Conductance:** For all four Seeps, the difference in median specific conductance across influent and effluent locations ranged between -38 and 55.4 microsiemens per centimeter ($\mu\text{S}/\text{cm}$). During normal hydraulic conditions, the FTC is expected to have little effect on the anion/cation content of the seep baseflow.
- **pH:** The median influent pH at the four seeps ranged from 6.9 to 7.9, and the median effluent pH ranged from 7.4 to 8.2 standard units (SU) in this reporting period. From the Inlet Chamber to the Effluent Stilling Basin, the median pH of treated water at Seeps A, B, C, and D changed by 0.5, 0.4, 0.3, and -0.3 SU, respectively.
- **Turbidity:** The median turbidity of the influent water at Seeps A-D ranged from 16.5 to 107.0 nephelometric turbidity units (NTU). The FTCs significantly decreased the turbidity of the influent water. The median turbidity of the effluent water at Seeps A-D ranged from 1.9 to 8.0 NTU.
- **TSS:** The median influent TSS at Seeps A-D ranged from 9.9 to 23 mg/L. Median effluent TSS at Seeps A-D was either not detected or was detected in minimal concentrations (1.2 mg/L or lower). As was the case with turbidity, the FTCs decreased the TSS in the influent water.

3 EX-SITU SEEPS AND WEEPS CAPTURE

Section 3 summarizes the operation, maintenance, and monitoring activities performed by GEOServices, LLC as the operator of the Ex-Situ Capture Systems. This remedy consists of four seep capture locations (Willis Creek Tributary, Seep A, Seep A Tributary, and Seep B), and two dedicated weep capture locations (Weep 3 and Weep 4). Additionally, at seep capture location Seep A, the nearby Weep 7 is tied into the basin and is included in this system's capture. At seep capture location Seep A Tributary, the nearby weeps 9, 10, and 11 are tied into the wet well and are included in this system's capture. The 004 GWTP pad is connected to Weep 4 and includes its capture.

The seep capture locations are required to capture dry weather flows and stormwater flows from rainfall events up to 0.5 inches over 24 hours. Through the ex-situ force main, the captured water is pumped to a lined surge pond, which the GWTP periodically withdraws for treatment.

3.1 Operation and Maintenance

The Ex-Situ Capture Systems have been operating since April 20, 2023. Pumping of captured water from ex-situ seep and weep locations to the surge pond continued during this reporting period. The 004 GWTP treated the captured water after periodically withdrawing from the surge pond. Routine operations and maintenance were performed on the capture systems per GEOServices' O&M Plan.

3.2 Data Collected

On a daily basis Veolia recorded the volume conveyed from the surge pond to the 004 GWTP. Instrumentation and telemetry at each individual capture system became operational on July 20. Via the telemetry network, flow data from totalizers at Seep A, Seep A Tributary, Seep B, Willis Creek Tributary, and Weep 3 began to be automatically collected at a 15-minute frequency. Prior to July 20, flow data from the totalizers was manually noted.

3.3 Results

Table 3-1 shows the daily volume conveyed from the surge pond to the 004 GWTP and totalizer volumes conveyed from Seep A, Seep A Tributary, Seep B, Willis Creek Tributary, and Weep 3. During this reporting period, approximately 5.5 MG of captured water was pumped from the seep and weep capture locations to the surge pond and approximately 6.1 MG was conveyed from the surge pond to the 004 GWTP. The extra 0.6 MG to the 004 GWTP is from captured water in Q2 2023 that did not get conveyed for treatment and from rainwater collected in the surge pond.

4 GROUNDWATER EXTRACTION AND CONVEYANCE

Section 4 describes the GWEC operation, maintenance, and monitoring activities that were conducted by Geosyntec as the operator of the system, provides a summary of the critical operational data that were collected, and discusses the monitoring results from extraction well sampling activities during the reporting period. Construction details for the extraction wells are provided in Table 4-1.

4.1 Operation and Maintenance

The GWEC system has been operating since March 14, 2023. The performance of the individual components of the GWEC system, on a well-by-well basis, are continuously recorded via a telemetry network. System alerts and alarms have been programmed and are generated when a GWEC component is underperforming or not functioning. In such cases, Geosyntec leads the OM&M response, and performs the required corrective measures. On a minimum monthly basis, preventative maintenance and inspection is performed, in which extraction well components, control panels, and forcemain air release valves are individually checked.

4.2 Data Collected

4.2.1 Extraction Well Operational Data

Table 4-2 provides a summary of flow data (daily average flow rate and daily cumulative volume) for the GWEC system (combined flow from all wells). Table 4-3 provides a summary of flow data for each extraction well during the reporting period (average monthly flow rate, and total cumulative volume by month).

4.2.2 PFAS Data

The annual post-startup PFAS sampling of extraction wells for 2023 was performed on April 12, 2023, and discussed in Report #2. The extraction wells will be sampled next in Q2 2024.

4.3 Results

4.3.1 Groundwater Extraction

The GWEC system extracted approximately 52.7 MG during the reporting period, 5.0 MG from surficial aquifer wells and 47.7 MG from Black Creek aquifer wells. The average extraction rate during the reporting period was approximately 394 gallons per minute (gpm). This was an approximate 22% decrease from the previous reporting period of 505 gpm, which is attributed to

continued declines in water levels in the Black Creek aquifer upgradient of the remedy. As shown in Table 4-3, the flow rates in the Northern Alignment are lower than the Southern Alignment (in September, the average Willis Creek EW pumped about 2.8 gpm, whereas the average EW in the Southern Alignment pumped about 5.2 gpm). This is consistent with previous work at the site (Geosyntec, 2021 and Geosyntec, 2022) which indicates that the aquifer sands in this area are generally much thinner, less connected, and less transmissive than aquifer sands in the Southern Alignment.

5 004 TREATMENT PLANT

Section 5 provides GWTP operational data collected by Veolia as the operator of the system and discusses the performance of the treatment relative to the design objectives and the COA, which requires that extracted groundwater is treated to remove PFAS compounds³ by at least 99%.

Chemours reports various GWTP performance data in electronic Discharge Monitoring Reports (eDMRs) per the National Pollutant Discharge Elimination System (NPDES) permit NC0090042, and additionally provides laboratory reports and an analysis of the treatment efficiency (in percent removal of the indicator compounds HFPO-DA, PMPA, and PFMOAA) in a data transmittal process to North Carolina Department of Environmental Quality (NCDEQ). This Report does not reproduce that effort, and only reports on the flow and treatment aspects to comply with COA Paragraph 2.c.v. The following data are consistent with the eDMRs and data transmittals.

5.1 Data Collected

5.1.1 Flow Rates

Veolia measures flow at the combined influent and effluent monitoring locations as required by the NPDES permit. Flow measurements are collected by the meters at a 15-minute frequency.

5.1.2 PFAS Influent and Effluent

Veolia collects weekly (at a minimum) samples of the total influent and effluent per NPDES reporting requirements. Once per month, the samples are analyzed for Table 3+ PFAS, and once per quarter, the samples are analyzed for Table 3+ and EPA Method 537 MOD. The remaining weekly samples are analyzed for indicator compounds HFPO-DA, PFMOAA, and PMPA. All samples were analyzed by Eurofins TestAmerica Laboratories.

5.2 Results

5.2.1 Flow Rates

The daily total volume treated and discharged, and the average daily discharge flow rate, are provided in Table 5-1. As shown, the GWTP treated and discharged a total volume of 57.1 MG over the reporting period. The average daily flow rate for this duration was 431 gpm. This is 18% lower in comparison to the previous period (524 gpm in Q2 2023) and is attributed to the coinciding reduction in GWEC flow, partially offset by withdrawals from the surge pond.

³ As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyacetic acid (PFMOAA)

5.2.2 Analytical Results

The laboratory analytical results for the influent and effluent samples are provided in Table 5-2. Laboratory analytical results for 004 samples are compiled in Appendix A. As shown, the Total Table 3+ (17 Compounds) PFAS concentration in the influent ranged from 140,000 to 170,000 ng/L. The effluent sample collected on September 5, 2023 had detections for HFPO-DA and PMPA at 4.3 ng/L and 10 ng/L, respectively. Other than this September 5 effluent sample, PFAS constituents were not detected above laboratory reporting limits in effluent samples. PFAS removal was greater than 99% in all samples, as documented in data transmittals from Chemours to NCDEQ.

5.2.3 PFAS Mass Removal

The flow rate data (monthly totals) and PFAS concentration data (monthly representative concentration per the monthly or quarterly samples, which in this reporting period were collected on July 5, August 8, and September 12) were used to calculate Table 3+ PFAS mass removal. As shown below, the total Table 3+ PFAS mass removed (17 compounds) by the GWTP in the reporting period (Q3 2023) was 74 lbs. Through the end of the previous period (Q2 2023), 128 lbs of PFAS was removed. Therefore, the amount of PFAS removed from commissioning through September 30, 2023 is 202 lbs.

Reporting Month	Total Volume Treated by GWTP (MG)	Total Table 3+ (17 Compounds) PFAS Concentration per Monthly/Quarterly Sample (ng/L)	Table 3+ (17 Compounds) PFAS Mass Removed (lbs)
July	21.9	140,000	25.5
August	18.8	170,000	26.7
September	16.4	160,000	21.9
Q3 2023 Total	57.1	N/A	74.1

6 PERFORMANCE MONITORING EVALUATION

A Performance Monitoring Plan (PMP) was prepared to address long-term groundwater remedial action effectiveness. The PMP proposed to evaluate the effectiveness of the remedy with multiple lines of evidence, which are listed below and discussed in more detail in this section:

- Hydraulic head both along the barrier wall alignment and downgradient of the barrier wall between the wall and the Cape Fear River, to assess groundwater capture and the reduction in hydraulic gradient downgradient of the remedy alignment;
- Passive flux meters (PFMs), to evaluate downgradient groundwater Darcy flux;
- Surface water samples at Willis Creek, to evaluate reduction in PFAS loading to Willis Creek;
- Surface water samples at Tar Heel Ferry Road, to evaluate PFAS concentrations and mass loads in the well-mixed Cape Fear River downstream of the facility; and
- Groundwater sampling at extraction and monitoring wells between the groundwater remedy and the Cape Fear River or Willis Creek.

6.1 Data Collected

6.1.1 Hydraulic Head and Surface Water Elevation

Monthly gauging events of 66 observation wells (OWs) was performed on July 20, August 18, and September 21, 2023. In addition to these manual gauging events, transducers were also deployed in a network of 16 wells that comprise 6 transects that span across the barrier wall alignment. These transducers were deployed on March 8, 2023, during the final GWEC commissioning and about one week prior to the March 14, 2023 operational startup. The transducers record groundwater elevation every 15 minutes and are downloaded monthly.

During the Q3 2023 reporting period, the following observation wells were installed: OW-4R, OW-9R, OW-32, OW-39, and OW-52. OW-53, the last of the remaining observation wells in the PMP to install, was accessible for installation in October 2023.

Finally, between September 20 and October 6, five staff gauges and three transducer stilling wells were installed at Willis Creek. Data will be incorporated in the next report covering the Q4 2023 period.

6.1.2 PFAS Concentrations in Groundwater and Surface Water

Downgradient Groundwater

PMP wells, to be sampled on a semi-annual basis (Q1 and Q3), were sampled between July 7 and September 8, 2023. Out of the 20 PMP wells, 19 were sampled in Q3. OW-54 was not sampled because it was consistently dry. The 20 PMP wells are OW-4R, OW-30, OW-32, OW-37, OW-40, OW-51, OW-54, OW-55, OW-56, OW-57, PIW-4D, PIW-5SR, PIW-6S, PIW-8D, PIW-10DR, PIW-10S, PIW-11, PIW-15, PW-10RR, and PW-11.

Mass Loading Model (MLM) wells are sampled quarterly. A total of 14 MLM monitoring wells are downgradient of the long-term remedy and are therefore potentially viable data points for effectiveness monitoring (OW-28, OW-33, LTW-01, LTW-02, LTW-03, LTW-04, LTW-05, PIW-1S, PIW-1D, PIW-3D, PIW-7S, PIW-7D, PZ-22, and SMW-12). Except for PIW-1S, which was consistently dry, these MLM wells were sampled from July 11 through August 2, 2023.

In the annual Corrective Action Plan (CAP) sampling program, there are three wells in the Northern Alignment that are also downgradient of the long-term remedy and potentially informative for effectiveness monitoring. These three wells (PIW-12, PIW-13, and PIW-14) were sampled on July 24, 2023. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+ and EPA Method 537 MOD.

Willis Creek Surface Water

At three locations within Willis Creek (WC), routine quarterly sampling was performed to evaluate potential long-term reductions in concentration (reductions in the short-term are not necessarily anticipated). The sampling procedures were in accordance with the Cape Fear River PFAS Mass Loading Assessment Report series (Geosyntec, 2023d). WC-1, WC-2, and WC-3 were sampled on July 27, 2023. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+ and EPA Method 537 MOD.

Cape Fear River Surface Water

Since November 2022, surface water grab samples have been collected monthly at four transects along the Cape Fear River. Each transect consisted of three sampling locations, for a total of 12 sampling points. The sampling program was in accordance with the *Final National Pollutant Discharge Elimination System (NPDES) Permit for Outfall 004* (Permit: NC0090042). The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+. The samples will be collected quarterly starting Q1 2024 (i.e., six months after the completion of the barrier wall as per the Permit requirements).

Since March 2020, routine sampling of the Cape Fear River has been performed at Tar Heel Ferry Road Bridge (or Tar Heel, approximately 7 miles downstream of the Site). The sampling program

was in accordance with the Paragraphs 1(a) and 1(b) of the Addendum to Consent Order paragraph 12 (CO Addendum). Composite samples were collected generally twice per week using an autosampler. Grab samples were collected when the composite sampling program was temporarily interrupted due to various factors such as vandalism, equipment malfunction, or high river stages which may flood the autosampler. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+.

6.1.3 Passive Flux Meters

Per the PMP, PFMs are a potential line of evidence to evaluate the effect of the long-term remedy on groundwater flux downgradient of the barrier wall. The first post-startup deployment was conducted in August 2023. The target wells, including for other deployments prior to startup, are shown in Table 6-1. The target locations for the August 2023 deployment are shown in Figure 6-1.

As noted in Appendix B of CFR Long-Term Remedy Performance Monitoring Report #1 (Geosyntec, 2023a), PFM deployments after July 2022 will not include estimates for PFAS mass flux. PFMs used in the August 2023 deployment were constructed using a single interval of granulated activated carbon (GAC). Each PFM was deployed for a fourteen-day period beginning on August 3, 2023. Following the deployment period, PFMs were removed for analysis. Composite samples of the GAC were sent to Enviroflux for Darcy velocity analysis.

6.2 Results

6.2.1 Hydraulic Head and Surface Water Elevation

This section discusses hydraulic head which is a critical line of evidence for evaluating hydraulic containment of groundwater. This section is developed in the following sequence:

1. As the Cape Fear River can influence some wells screened in the Black Creek aquifer, this section will first discuss the river conditions during each gauging event. Notably, during high river stages (flooding), this can exert a pressure response on the confined aquifer that has connectivity to the river.
2. The results in the Southern Alignment (Barrier Wall portion) are discussed next, which includes discussion of both the Black Creek aquifer and the surficial aquifer.
3. Last, the results in the Northern Alignment (Willis Creek area) are evaluated separately from the Southern Alignment.

1. River Stage During Gauging Events

Hydraulic connectivity between the Black Creek aquifer and the Cape Fear River was discussed in Report 1. As before, river levels for each gauging event in this reporting period were obtained from the USGS Huske station 02105500. The average river elevation for the duration of the gauging event (e.g., from 8AM to 4PM) was calculated from the 15-minute frequency data available from USGS. These average levels were compared to the available historical dataset (2007 to 2020) to calculate the corresponding percentile values, to show whether those gauging events were performed on relatively high or low river conditions. As shown below, the three gauging events in this period included a near-average event in July, and two low-river events in August and September.

Date	Type	Average River Level During Gauging Event (NAVD88)	Percentile (Gauging Event River Level compared to Historical Dataset)
8/4/2022	Baseline (dry summer)	30.38	52%
8/17/2022	Baseline (dry summer)	29.80	37%
1/30/2023	Baseline (wet winter)	32.50	79%
7/20/2023	Post-Startup (Q3)	30.78	60%
8/18/2023	Post-Startup (Q3)	29.42	17%
9/21/2023	Post-Startup (Q3)	29.47	20%

2. Southern Alignment (Barrier Wall) – Reduction in Downgradient Groundwater Flux

Table 6-2 provides groundwater elevation data for the Southern Alignment that is additionally delineated based on location relative to the barrier wall (upgradient or downgradient). Antecedent rainfall data for the previous three days are also included; as shown, the conditions prior to each gauging event were dry. Similar to Report 1, Table 6-2 shows that widespread drawdown in the Black Creek aquifer was observed, with a median reduction in elevation of approximately 15.7 feet in wells within 200 feet upgradient of the barrier wall. This is similar to Q2, which is attributed to relatively stabilized levels of Black Creek groundwater elevations now that the barrier wall is complete (as of June 11, 2023) and groundwater extraction is generally at steady-state conditions. The surficial aquifer data in Table 6-2 indicates mounding of between 2.9 and 5.5 feet in OW-34 and OW-35, and slight reduction in elevation at OW-36 of 0.4 feet. These results are similar to Reports 1 and 2 and indicate generally stabilized water levels in the surficial aquifer upgradient of the barrier wall.

As shown in Figures 6-2A-D, the groundwater elevation data from Table 6-2 has been used to generate 9 gradient maps downgradient of the wall, with plots of the baseline data (August 17, 2022 and January 30, 2023 in greyscale⁴) compared to the July, August, and September gauging events (in green, blue, and red, respectively). The gradient data for the three events demonstrate that the gradients in these downgradient sections have reduced (i.e., flattened) significantly:

- Transects 1a, 2, 5, 6, and 7 indicate a reverse, inward gradient (i.e., towards the remedy alignment, as opposed to towards the river)
- Transects 1b, 3, 4, 8, and 9 indicate that the average Q3 gradient was approximately 70% less than baseline.

In the previous report, transducer data were used to illustrate the separation of the Black Creek aquifer by the barrier wall, as the April flood event caused a clear effect on groundwater elevations downgradient of the wall, but no discernible effect on groundwater elevations upgradient of the wall. In Q3, there were no flooding events (see Figure 2-1), therefore this analysis is not repeated for this reporting period. The transducers will remain deployed for the near future, as river flooding is fairly common.

3. Northern Alignment (Willis Creek) – Hydraulic Containment of Black Creek Aquifer

Groundwater elevation difference relative to January 2023 is shown for the July, August, and September gauging events in Figures 6-3A-C. The most significant reduction of groundwater elevation has been observed in the midsection of the Northern Alignment around EW-05 and EW-06, with nearly 9 feet of reduction in PIW-13 and 8 feet of reduction in PIW-12 in July 2023. Similar magnitudes were observed in the other months. These observations were consistent with the productive pumping rates from EW-05 (the highest pumping rate in Willis Creek) and EW-06 (third highest).

Laterally along the alignment beyond EW-05 and EW-06, elevation reductions of between 2 feet and 7 feet were observed in July 2023 to span from approximately OW-14 (near the beginning of the barrier wall at EW-14) to OW-42 (in between EW-02 and EW-03). In the west end of the alignment, EW-01 and EW-02 pumping rates were the second and fourth highest of Willis Creek. Groundwater elevation reductions in this area ranged up to 3.0 feet in July 2023.

⁴ Transects 1a/1b and 2 at the southern end of the alignment have been added per NCDEQ request. These transects include wells that were not accessible to install until after the barrier wall was complete, therefore baseline data is not available in all cases. For OW-39 in particular which is used in both Transects 1a and 1b, the nearest available baseline data in EWs 63, 64, and 65, as well as PIW-10DR to the east, indicate the baseline groundwater elevation in this vicinity ranged from approximately 59-64 ft msl, which is substantially greater than the values measured in Q3 2023 (around 40.4 ft msl), indicating a significant reduction in gradient in this area.

Potentiometric contour maps are provided for the July, August, and September gauging events in Figures 6-4A-C. The January 2023 contours are shown in each figure as magenta solid lines. As shown, groundwater generally flows from SMW-03B (near the facility) in a northeastern direction towards the alignment. The groundwater elevations in the area of EW-01 and EW-02 are higher than the remainder of the alignment (on average approximately 45 ft msl, as compared to approximately 30 ft msl from EW-03 to EW-15) which results in an eastward gradient towards EW-03, which is consistent with previous observations and reports for the Site (e.g., the Mass Loading Model reports). As compared to January 2023, this turn towards the east is more significant in Q3 due to the effects of pumping notably at EW-05 and EW-06, as discussed above.

6.2.2 PFAS Concentrations in Groundwater and Surface Water

Downgradient Groundwater

Results for the PMP, MLM, and CAP wells sampled in Q3 that are downgradient of the long-term remedy (35 total) are provided in Table 6-3. Laboratory analytical results for the downgradient groundwater samples are compiled in Appendix A. PFAS concentration trends are not evident at this early stage in the remedy operation process. However, when evaluated in conjunction with the reduced hydraulic gradients in the downgradient area, a reduction in PFAS mass discharge to the river is evident. This reduction in mass discharge is evaluated in the MLM quarterly report for this same reporting period, submitted concurrently with this report (Geosyntec, 2023d).

Future reports will continue to evaluate potential long-term impacts to PFAS concentrations in these locations.

Willis Creek Surface Water

Results for the Willis Creek surface water PFAS samples collected in Q3 2023 are shown in Table 6-4, and also presented in Figure 4-1 (along with the downgradient groundwater PFAS data). Laboratory analytical results for Willis Creek are compiled in Appendix A. At this early period in the remedy operation process, no trends are yet discernible in Willis Creek concentrations. The July 2023 result at WC-1, at the confluence of the river, is within the range of historical detections at this location.

Cape Fear River Surface Water

The Cape Fear River transect sampling locations are shown in Figure 6-5. The results of the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) are shown in Figures 6-6A-K. The river transect concentration data are subject to significant variability due to several factors, including lack of mixing conditions in this area, effects of river flow from event to event (e.g., higher concentrations during low-flow drought conditions), and effects of antecedent rain conditions immediately prior to sampling. In contrast, the mass discharge plots for the samples collected at Tar Heel (Figure 6-7) provide a mixed river location and take both flow and concentration into

account. As shown, the mass discharges have decreased and remain lower than the mass discharges before Q3 2021, which corresponds to the time when the FTCs and 003 remedies were installed and operating.

6.2.3 Passive Flux Meters

Groundwater flux results for the August 2023 deployment of PFMs are presented in Table 6-5. Darcy flux in the August 2023 event ranged from 2.3 to 18.2 centimeters per day (cm/day), with an average of 5.5 cm/day. The PFMs with the most significant reduction in flux compared to previous deployments are (i) closer to the remedy, notably PW-10RR which is only about 75 feet downgradient of the barrier wall, and (ii) in the northern and central portion of the remedy alignment where the barrier wall was first installed (i.e., in the Seep A and Seep B areas). In the southern section of the alignment, the PFM data show less response, which may be attributed to the recent barrier wall installation (completed June 11, less than two months prior to the PFM deployment).

The next PFM deployment is scheduled for Q2 2024, roughly one year after startup of the long-term remedy, which will allow for longer term performance monitoring. However, it is noted that the downgradient transect data discussed in Section 6.2.1 and shown in Figures 6-2A and 6-2B indicate that in the southern area, the hydraulic gradients do appear significantly reduced (inward gradients observed in Transects 1a and 2, and a significantly reduced gradient in Transects 1b and 3). These reductions are observed both with synoptic gauging events performed monthly (in which all PMP wells are gauged on the same day), and with the dedicated transducers that are deployed in wells that record elevation data every 15 minutes. The PFM data may be subject to some limitations due to several factors, notably:

- They do not provide an indication of the direction of flux, i.e., if a baseline gradient towards the river is reduced significantly enough that it becomes an inward gradient towards the remedy of similar overall magnitude to baseline, this could be detected as a minimal change.
- The 15 PFMs are distributed spatially along the length of the remedy alignment, whereas the transect approach allows for gradient monitoring to span, where possible, the full distance from the remedy to the river (e.g., Transect 3). The transects allow for an evaluation of the actual flow path towards the river.
- The PFMs are deployed for two weeks, which may cause them to be affected by fluctuations in the river; for example, OW-28 is less than 100 feet from the river, which oscillated between 1.3 and 1.8 ft gage height in the deployment period. While the PFM within OW-28 did not indicate a reduction from the pre-startup deployments, Transect 3 on Figure 6-2B clearly shows a significant reduction along this pathway. For wells that are screened in the Black Creek aquifer with significant connectivity to the river, the river

effect could be detected as a gradient by the PFM's. In contrast, the transect approach allows for both synoptic measurements and longer-term assessments with the transducers.

The next PFM deployment may consider changes in the deployment network to improve the viability of the PFM data (e.g., focusing on downgradient wells closer to the barrier wall). In the long term, it is anticipated that hydraulic head performance monitoring may best utilize the transect approach.

7 SUMMARY

This reporting period (July 1 to September 30, 2023) included the continued operation of the interim Flow-Through Cells, Ex-Situ Capture Systems, GWEC, and GWTP remedy components. The table below summarizes the flow capture and the Table 3+ (17 compounds) PFAS removal for each remedy component.

Remedy Element	Report Period (Jul – Sep 2023)		Cumulative through Sep 2023*	
	Flow Captured/ Treated (MG)**	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	14	4	413	609
004 Treatment Plant	57	74	152	202
<i>Ex-Situ Capture Systems</i>	5.5	<i>Included in 004</i>	8.2	<i>Included in 004</i>
<i>GWEC</i>	52.7	<i>Included in 004</i>	144.7	<i>Included in 004</i>
Total (Interim FTCs + 004)	71	78	565	811

*Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C)

**Minor differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems.

Flow into the interim FTCs decreased significantly in this reporting period (an approximately 70% reduction compared to the previous year, Q3 2022, and an approximately 30% reduction compared to Q2 2023) due to the effects of the long-term remedy. Sustained periods of no-flow conditions (no flow coming into or out of the systems) have been observed at all FTCs during dry weather. As a result, batch mode operation was implemented in early September, in which the inlet header valves were closed to allow for the impoundment to accumulate sufficient water such that the FTCs can process water at flow rates typical of the previous standard operation.

A reduction in influent concentration into the FTCs has also been observed. At FTCs A, B, and C, where the barrier wall installation progressed the most in this reporting period, the influent concentrations decreased between 56 to 91% (September 2023 as compared to historical data through December 2022). This reduction in concentration is attributed to the barrier wall cutting off upgradient groundwater flow, and the overall water balance into the FTCs becoming more dominated by wet weather flow. The combination of reduced flow component and reduced influent concentration has resulted in an overall mass removal trend that is approaching asymptotic levels. These trends will continue to be monitored in future quarters. The interim FTCs removed approximately 95.1% of PFAS from this reduced flow.

The 004 GWTP removed greater than 99% of PFAS⁵ from the combined flow of the GWEC and Ex-Situ Capture Systems, as required by the COA.

Performance monitoring activities, including hydraulic head monitoring and surface water sampling, are also documented in this Report. Performance monitoring indicates that the GWEC system has resulted in a significant reduction in gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux to the Cape Fear River. This reduction in PFAS mass discharge is also documented in a report for the MLM) program, submitted for the same reporting period concurrent to this Report (Geosyntec, 2023d). Collectively the Willis Creek EWS are exerting drawdown of the Black Creek aquifer, particularly in the midsection of the Northern Alignment along Willis Creek, with nearly 9 feet of groundwater elevation reduction observed in monitoring wells.

The next report will cover the period of October 1 through December 31, 2023 (Report #4) and will be submitted no later than March 31, 2024.

⁵ As measured by indicator parameters HFPO-DA, PMPA, and PFMOAA

8 REFERENCES

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Tables

Table 1-1
Summary of Sampling and Monitoring Activities
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Remedy Component	Sampling and Monitoring Activities in Reporting Period (Jul-Sep)
In-Situ Seep Flow-Through Cells	<p>During prolonged no-flow conditions, the FTCs are operated intermittently in batch mode; in this operation, 24-hour composites are collected. See Section 2.1.5 for discussion on transition to batch mode operation. A staff gauge was installed in the impoundment of each seep on September 25-26 to facilitate monitoring of changes in impoundment elevation.</p> <p>During periods of prolonged wet weather, the FTCs may be operated in continuous mode; if this occurs, sampling is performed as was done prior to the long-term remedy installation:</p> <ul style="list-style-type: none"> ▪ Bimonthly, 14-day composite PFAS removal sampling <ul style="list-style-type: none"> ▪ Bimonthly water quality monitoring events ▪ Monthly, 24-hour composite wet weather PFAS removal sampling ▪ Weekly grab sampling for PFAS breakthrough monitoring
Ex-Situ Seeps and Weeps Capture	<ul style="list-style-type: none"> ▪ Commissioning, Startup, and OM&M, including flow rates and totalized flow every 15 minutes from each capture system
Groundwater Extraction	<ul style="list-style-type: none"> ▪ Extraction Well Operational Data (flow, pressure, motor speed, and water level) every 15 minutes
004 Treatment Plant	<ul style="list-style-type: none"> ▪ Weekly grab sampling of Effluent for PFAS indicator compounds HFPO-DA, PFMOAA, and PMPA <ul style="list-style-type: none"> ▪ Monthly grab sampling of Influent and Effluent for Table 3+ ▪ Quarterly grab sampling of Influent and Effluent for Table 3+ and EPA Method 537 MOD ▪ Various other parameters required per the NPDES permit and reported in the eDMR, but not reproduced here
Performance Evaluation	<ul style="list-style-type: none"> ▪ Monthly water level gauging (July 20, August 18, and September 21, 2023) ▪ Monthly surface water PFAS sampling at four transects of the Cape Fear River (July 7, August 29, and September 6, 2023) <ul style="list-style-type: none"> ▪ Quarterly PFAS sampling of Willis Creek (WC) stations WC-1, 2, 3 (July 27, 2023) ▪ PFAS sampling of downgradient monitoring wells under the MLM (quarterly), PMP (semi-annually), and CAP (annually) sampling programs (July 7 to September 8, 2023) <ul style="list-style-type: none"> ▪ Post-startup annual Passive Flux Meter deployment in 15 wells (August 4, 2023) ▪ Installation of five staff gauges and three transducer deployed stilling wells in Willis Creek (September 20 to October 6, 2023) <ul style="list-style-type: none"> ▪ Installation of additional Observation Wells in previously inaccessible areas

Notes:

1 - Additional sampling details (e.g., Sample IDs, composite periods, etc.) are provided in subsequent tables.

OM&M - Operations, Maintenance, and Monitoring
 HFPO-DA - hexafluoropropylene oxide-dimer acid
 PMPA - perfluoro-2-methoxypropionic acid
 NPDES - National Pollutant Discharge Elimination System
 PMP - Performance Monitoring Plan
 CAP - Corrective Action Plan

PFAS - per- and polyfluoroalkyl substances
 PFMOAA - perfluoro-2-methoxyacetic acid
 EPA - Environmental Protection Agency
 eDMR - electronic Discharge Monitoring Report
 MLM - Mass Loading Model

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/02/2023	796	-				Series		Series		N/A	20 inches of freeboard. Rain gauge reading of 0.6 inches.	
07/03/2023	797	No			X	Series		Series	X	N/A	21 inches of freeboard.	
07/05/2023	799	-	X			Series		Series		N/A	19 inches of freeboard.	
07/06/2023	800	Yes				Series		Closed	Lead	N/A	0 inches of freeboard.	
07/07/2023	801	No				Closed	Lead	Series		Skimmed and fluffed FB1.	8 inches of freeboard.	
07/10/2023	804	No	X			Series		Series	X	Skimmed and fluffed FB2.	15 inches of freeboard.	
07/12/2023	806	No				Series		Series		N/A	19 inches of freeboard.	
07/14/2023	808	-		X		Series		Series		N/A	N/A	
07/15/2023	809	No				Series		Series		N/A	13.5 inches of freeboard.	
07/17/2023	811	No	X			Series		Series	X	N/A	12 inches of freeboard.	
07/18/2023	812	No				Series		Series		Cleaned FB1.	21 inches of freeboard.	
07/19/2023	813	No				Series		Series		N/A	18.5 inches of freeboard.	
07/20/2023	814	No				Series		Series		N/A	19 inches of freeboard.	
07/21/2023	815	No				Series		Series		N/A	20.5 inches of freeboard.	
07/24/2023	818	No	X			Series		Series	X	N/A	22 inches of freeboard.	
07/25/2023	819	No				Series		Series		N/A	22 inches of freeboard.	
07/26/2023	820	No				Lead	Changeout	Lead	Lag	Carbon changeout FB2.	22 inches of freeboard.	
07/28/2023	822	No				Series		Series		N/A	24 inches of freeboard. Observed very little flow from the basin.	
07/31/2023	825	No	X	X		Series		Series	X	N/A	24 inches of freeboard.	
08/01/2023	826	No				Series		Series		N/A	24 inches of freeboard.	
08/02/2023	827	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
08/03/2023	828	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
08/04/2023	829	No				Series		Series		N/A	23 inches of freeboard. Observed natural flow.	
08/05/2023	830	-			X	Series		Series		N/A	N/A	
08/07/2023	832	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed trickle flow.	
08/08/2023	833	No				Series		Series		N/A	24 inches of freeboard. Observed no inlet flow and low outlet flow out.	
08/09/2023	834	No				Series		Series		N/A	24 inches of freeboard. Observed no inlet flow and low outlet flow out.	
08/10/2023	835	No				Series		Series		N/A	24 inches of freeboard. Observed no inlet flow and low outlet flow out.	
08/11/2023	836	No				Series		Series		N/A	24 inches of freeboard. Observed no inlet flow and low outlet flow out.	
08/14/2023	839	No	X	X		Series		Series	X	N/A	24 inches of freeboard. Observed natural flow.	
08/15/2023	840	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in.	
08/16/2023	841	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
08/17/2023	842	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in.	
08/18/2023	843	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in.	
08/21/2023	846	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed no flow in.	
08/22/2023	847	No				Series		Series		N/A	24 inches of freeboard.	
08/23/2023	848	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in and low flow out.	
08/24/2023	849	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in and low flow out.	
08/25/2023	850	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/28/2023	853	No	X			Series		Series	X	N/A	24 inches of freeboard.	
08/29/2023	854	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
08/30/2023	855	No		X		Series		Series		N/A	22 inches of freeboard. Rain gauge reading of 1.5 inches. Observed natural flow.	
08/31/2023	856	No				Series		Lead	Closed	N/A	Rain gauge reading of 4.8 inches between 8/29 and 8/31. Water observed in spillway but not bypassing.	

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
09/01/2023	857	No				Lead	Closed	Series		N/A	15 inches of freeboard. Observed natural flow.	
09/05/2023	861	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed natural flow.	
09/06/2023	862	No	X			Series		Series		Closed inlet valve.	24 inches of freeboard. Observed natural flow.	
09/07/2023	863	No				Series		Series		N/A	24 inches of freeboard. Observed trickle flow out.	
09/08/2023	864	-				Series		Series		Skimmed and fluffed FB1. Opened inlet valve temporarily to rehydrate the FBs.	23 inches of freeboard. Observed low flow out.	
09/11/2023	867	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed flow in and low flow out.	
09/12/2023	868	No				Series		Series		N/A	21 inches of freeboard. Observed flow in and low flow out.	
09/13/2023	869	No				Series		Series		N/A	22 inches of freeboard. Observed flow in and low flow out.	
09/14/2023	870	No				Series		Series		N/A	21 inches of freeboard. Rain gauge reading of 0.52 inches. Observed flow in and low flow out.	
09/15/2023	871	No		X		Series		Series		Closed mid valve.	21 inches of freeboard. Observed flow in and low flow out.	
09/18/2023	874	No				Series		Series	X	N/A	17 inches of freeboard. No natural flow. Inlet valve still closed.	
09/20/2023	876	No				Series		Series		N/A	17 inches of freeboard. Inlet valve still closed.	
09/21/2023	877	No				Series		Series		N/A	17 inches of freeboard. Inlet valve still closed.	
09/22/2023	878	No				Series		Series		Opened inlet and mid valves.	17 inches of freeboard. No outlet flow.	
09/23/2023	879	-		X	X	Series		Series		N/A	N/A	
09/25/2023	881	No	X			Series		Series	X	N/A	24 inches of freeboard.	
09/26/2023	882	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
09/27/2023	883	No				Series		Series		Closed inlet and mid valves.	24 inches of freeboard.	
09/28/2023	884	No				Series		Parallel		Skimmed and fluffed FB1.	24 inches of freeboard. Inlet valve still closed.	
09/29/2023	885	No				Series		Series		N/A	24 inches of freeboard. No outlet flow.	

Notes:
 FB1 - Filter Bed 1
 FB2 - Filter Bed 2
 GAC - granular activated carbon
 N/A - Not Applicable

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/02/2023	755	-				Series		Series		N/A	21 inches of freeboard. Rain gauge reading of 0.6 inches.	
07/03/2023	756	No			X	Series		Series	X	N/A	23 inches of freeboard.	
07/05/2023	758	-	X			Series		Series		N/A	21 inches of freeboard. Low flow observed.	
07/06/2023	759	No				Changeout	Lead	Series		Carbon changeout FB1.	22 inches of freeboard.	
07/07/2023	760	No				Series		Series		N/A	22 inches of freeboard.	
07/10/2023	763	No	X			Series		Series	X	N/A	22 inches of freeboard. Observed natural flow.	
07/12/2023	765	No				Series		Series		N/A	23.5 inches of freeboard. No natural flow.	
07/14/2023	767	-		X		Series		Series		N/A	N/A	
07/15/2023	768	No				Series		Series		N/A	15.5 inches of freeboard. Observed natural flow.	
07/16/2023	769	-				Series		Series		N/A	N/A	
07/17/2023	770	No	X			Series		Series	X	N/A	16 inches of freeboard.	
07/18/2023	771	No				Series		Series		N/A	18 inches of freeboard. Observed natural flow.	
07/19/2023	772	No				Series		Series		N/A	19 inches of freeboard. Observed natural flow.	
07/20/2023	773	No				Series		Series		N/A	20 inches of freeboard. Observed natural flow.	
07/21/2023	774	No				Series		Series		N/A	21 inches of freeboard. Observed natural flow.	
07/24/2023	777	No	X			Series		Series	X	N/A	23.5 inches of freeboard. Observed low flow.	
07/25/2023	778	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
07/26/2023	779	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
07/28/2023	781	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
07/31/2023	784	No	X	X		Series		Series	X	N/A	24 inches of freeboard. No natural flow.	
08/01/2023	785	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/02/2023	786	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/03/2023	787	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/04/2023	788	No				Series		Series		N/A	23 inches of freeboard. Observed natural flow.	
08/05/2023	789	-			X	Series		Series		N/A	-	
08/07/2023	791	No	X			Series		Series	X	N/A	24 inches of freeboard. No natural flow.	
08/08/2023	792	No				Series		Series		N/A	24 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/09/2023	793	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/10/2023	794	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/11/2023	795	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/14/2023	798	No	X	X		Series		Series	X	N/A	24 inches of freeboard. No natural flow.	
08/15/2023	799	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in.	
08/16/2023	800	No				Series		Series		N/A	24 inches of freeboard. Observed natural flow.	
08/17/2023	801	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/18/2023	802	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/21/2023	805	No	X			Series		Series	X	N/A	24 inches of freeboard. No natural flow.	
08/22/2023	806	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/23/2023	807	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/24/2023	808	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/25/2023	809	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/28/2023	812	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed natural flow.	
08/29/2023	813	No				Series		Series		N/A	24 inches of freeboard. No natural flow.	
08/30/2023	814	No		X		Series		Series		N/A	17 inches of freeboard. Rain gauge reading of 1.5 inches. Observed natural flow.	
08/31/2023	815	No				Series	Closed	Lead		N/A	Rain gauge reading of 4.8 inches between 8/29 and 8/31. Water observed in spillway but not bypassing.	

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
09/01/2023	816	No				Closed	Lead	Series		Skimmed and fluffed FB2.	5.5 inches of freeboard. Observed natural flow.	
09/05/2023	820	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed natural flow.	
09/06/2023	821	No	X			Series		Series		Closed inlet valve.	24 inches of freeboard. Observed no flow in and steady flow out.	
09/07/2023	822	No				Series		Series		N/A	24 inches of freeboard. Observed low flow out.	
09/08/2023	823	No				Series		Series		N/A	24 inches of freeboard. Observed low flow out.	
09/11/2023	826	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed no flow in and low flow out.	
09/12/2023	827	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in and low flow out.	
09/13/2023	828	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in and natural flow out.	
09/14/2023	829	No				Series		Series		N/A	24 inches of freeboard. Observed no flow in and low flow out.	
09/15/2023	830	-		X		Series		Series		Closed mid valve.	N/A	
09/18/2023	833	No				Series		Series	X	N/A	19.5 inches of freeboard. No natural flow. Inlet valve still closed.	
09/19/2023	834	-				Series		Series		N/A	20 inches of freeboard. No natural flow. Inlet valve still closed.	
09/20/2023	835	No				Series		Series		N/A	21 inches of freeboard. No natural flow. Inlet valve still closed.	
09/21/2023	836	No				Series		Series		N/A	21 inches of freeboard. No natural flow. Inlet valve still closed.	
09/22/2023	837	No				Series		Series		Opened inlet valve.	21.5 inches of freeboard.	
09/23/2023	838	-		X	X	Series		Series		N/A	N/A	
09/25/2023	840	No	X			Series		Series	X	Skimmed and fluffed FB2. Closed inlet valve.	24 inches of freeboard. Observed no flow in and low flow out.	
09/26/2023	841	No				Series		Series		N/A	24 inches of freeboard. No natural flow. Inlet valve still closed.	
09/27/2023	842	No				Series		Series		N/A	24 inches of freeboard. No natural flow. Inlet valve still closed.	
09/28/2023	843	No				Series		Series		Skimmed and fluffed FB2.	24 inches of freeboard. No natural flow. Inlet valve still closed.	
09/29/2023	844	No				Series		Series		N/A	24 inches of freeboard. No natural flow. Inlet valve still closed.	

Notes:
 FB1 - Filter Bed 1
 FB2 - Filter Bed 2
 GAC - granular activated carbon
 N/A - Not Applicable

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/02/2023	929	-				Series		Series		N/A	13.5 inches of freeboard. Rain gauge reading of 0.6 inches.	
07/03/2023	930	No			X	Series		Series	X	N/A	14.5 inches of freeboard.	
07/05/2023	932	-	X			Series		Series		N/A	13 inches of freeboard.	
07/06/2023	933	No				Series		Closed	Lead	N/A	8 inches of freeboard.	
07/07/2023	934	No				Closed	Lead	Series		Skimmed and fluffed FB1 and replaced fabric.	14 inches of freeboard.	
07/10/2023	937	No	X			Series		Series	X	N/A	12 inches of freeboard.	
07/12/2023	939	No				Series		Series		N/A	14 inches of freeboard. Observed natural flow.	
07/14/2023	941	-		X		Series		Series		N/A	N/A	
07/15/2023	942	No				Series		Lead	Closed	N/A	1 inch of freeboard.	
07/16/2023	943	-				Lead	Closed	Lead	Closed	N/A	N/A	
07/17/2023	944	No	X			Closed	Lead	Series	X	Skimmed and fluffed FB2.	4 inches of freeboard.	
07/18/2023	945	No				Series		Series		N/A	10.5 inches of freeboard.	
07/19/2023	946	No				Series		Series		N/A	12 inches of freeboard.	
07/20/2023	947	No				Series		Series		N/A	14.5 inches of freeboard.	
07/21/2023	948	No				Series		Series		N/A	15 inches of freeboard.	
07/24/2023	951	No	X			Series		Series	X	N/A	15 inches of freeboard.	
07/25/2023	952	No				Series		Series		N/A	15 inches of freeboard.	
07/26/2023	953	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
07/28/2023	955	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
07/31/2023	958	No	X	X		Series		Series	X	N/A	15 inches of freeboard. No natural flow.	
08/01/2023	959	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/02/2023	960	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/03/2023	961	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/04/2023	962	No				Series		Series		N/A	10 inches of freeboard.	
08/05/2023	963	-			X	Series		Series		N/A	-	
08/07/2023	965	No	X			Series		Series	X	N/A	14 inches of freeboard. Observed natural flow.	
08/08/2023	966	No				Series		Series		N/A	15 inches of freeboard. Observed natural flow.	
08/09/2023	967	No				Series		Series	X	N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/10/2023	968	No				Series		Series		N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/11/2023	969	No				Series		Series		N/A	15 inches of freeboard. Observed natural flow.	
08/14/2023	972	No	X	X		Series		Series	X	N/A	15 inches of freeboard.	
08/15/2023	973	No				Series		Series		N/A	14 inches of freeboard. Observed natural flow.	
08/16/2023	974	No				Series		Series		N/A	15 inches of freeboard. Observed natural flow.	
08/17/2023	975	No				Series		Series		N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/18/2023	976	No				Series		Series		N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/21/2023	979	No	X			Series		Series	X	N/A	15 inches of freeboard. No natural flow.	
08/22/2023	980	No				Series		Series		N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/23/2023	981	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/24/2023	982	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/25/2023	983	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
08/28/2023	986	No	X			Series		Series	X	N/A	15 inches of freeboard.	
08/29/2023	987	No				Series		Series		N/A	15 inches of freeboard. Observed no inlet flow and low outlet flow.	
08/30/2023	988	No		X		Series		Series		N/A	1 inch of freeboard. Rain gauge reading of 1.5 inches. Observed natural flow.	
08/31/2023	989	Yes				Series		Parallel		N/A	Rain gauge reading of 4.8 inches between 8/29 and 8/31.	

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
09/01/2023	990	No				Parallel		Series		Skimmed and fluffed FB2.	13 inches of freeboard. Observed natural flow.	
09/05/2023	994	No	X			Series		Series	X	N/A	15 inches of freeboard.	
09/06/2023	995	No	X			Series		Series		N/A	15 inches of freeboard. Observed natural flow.	
09/07/2023	996	No				Series		Series		N/A	15 inches of freeboard. Observed natural flow.	
09/08/2023	997	No				Series		Series		N/A	15 inches of freeboard. Observed low flow out.	
09/11/2023	1,000	No	X			Series		Series	X	N/A	15 inches of freeboard. Observed no flow in and natural flow out.	
09/12/2023	1,001	No				Series		Series		N/A	15 inches of freeboard. No natural flow.	
09/13/2023	1,002	No				Series		Series		N/A	15 inches of freeboard. Observed no flow in and low flow out.	
09/14/2023	1,003	No				Series		Series		N/A	14 inches of freeboard. Observed natural flow.	
09/15/2023	1,004	-		X	X	Series		Series		Closed inlet and mid valves.	N/A	
09/18/2023	1,007	No	X			Series		Series	X	Opened inlet and mid valves.	2 inches of freeboard.	
09/19/2023	1,008	No		X		Series		Series		N/A	7 inches of freeboard.	
09/20/2023	1,009	No				Series		Series		Skimmed and fluffed FB2.	9 inches of freeboard. Observed natural flow.	
09/21/2023	1,010	No				Series		Series		Backflushed.	11 inches of freeboard.	
09/22/2023	1,011	No				Series		Series		N/A	14.5 inches of freeboard. Observed natural flow.	
09/23/2023	1,012	-		X	X	Series		Series		N/A	N/A	
09/25/2023	1,014	No	X			Series		Series	X	N/A	11 inches of freeboard.	
09/26/2023	1,015	No				Series		Series		N/A	12.5 inches of freeboard. Observed natural flow.	
09/27/2023	1,016	No				Series		Series		N/A	13.5 inches of freeboard. Observed natural flow.	
09/28/2023	1,017	No				Series		Series		N/A	14 inches of freeboard. Observed natural flow.	
09/29/2023	1,018	No				Series		Series		Closed inlet and mid valves.	15 inches of freeboard.	

Notes:

- FB1 - Filter Bed 1
- FB2 - Filter Bed 2
- GAC - granular activated carbon
- N/A - Not Applicable

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/02/2023	739	-				Series		Series			N/A	22 inches of freeboard. Rain gauge reading of 0.6 inches.
07/03/2023	740	No			X	Series		Series	X		N/A	22 inches of freeboard.
07/05/2023	742	-	X			Series		Series			N/A	21.5 inches of freeboard.
07/06/2023	743	No				Series		Series			N/A	20 inches of freeboard.
07/07/2023	744	No				Series		Series			N/A	21 inches of freeboard. Observed natural flow.
07/10/2023	747	No	X			Series		Series	X		N/A	21 inches of freeboard. Observed natural flow.
07/12/2023	749	No				Series		Series			N/A	21.5 inches of freeboard. Observed natural flow.
07/14/2023	751	-		X		Series		Series			N/A	N/A
07/15/2023	752	No				Series		Series			N/A	21 inches of freeboard. Observed natural flow.
07/16/2023	753	-				Series		Series			N/A	N/A
07/17/2023	754	No	X			Series		Series	X		N/A	20.5 inches of freeboard.
07/19/2023	756	No				Series		Series			Skimmed and fluffed FB1.	21 inches of freeboard. Observed natural flow.
07/20/2023	757	No				Series		Series			N/A	22 inches of freeboard. Observed natural flow.
07/21/2023	758	No				Series		Series			N/A	22 inches of freeboard. Observed natural flow.
07/24/2023	761	No	X			Series		Series	X		N/A	22.5 inches of freeboard. Observed natural flow.
07/25/2023	762	No				Series		Series			N/A	22 inches of freeboard. Observed natural flow.
07/26/2023	763	No				Series		Series			N/A	22.5 inches of freeboard. Observed natural flow.
07/28/2023	765	No				Series		Series			N/A	22.5 inches of freeboard. Observed natural flow in and low flow out.
07/31/2023	768	No	X	X		Series		Series	X		N/A	23 inches of freeboard. Observed natural flow in and low flow out.
08/01/2023	769	No				Series		Series			N/A	23.5 inches of freeboard. Observed low flow out.
08/02/2023	770	No				Series		Series			N/A	24 inches of freeboard. Observed low flow out.
08/03/2023	771	No				Changeout	Lead	Lag	Lead		Carbon changeout and fabric replaced at FB1.	24 inches of freeboard. No natural flow.
08/04/2023	772	No				Series		Series			N/A	23 inches of flow. Observed flow in but no flow out.
08/05/2023	773	-			X	Series		Series			N/A	N/A
08/07/2023	775	No	X			Series		Series	X		N/A	23 inches of freeboard. Observed low flow.
08/08/2023	776	No				Series		Series			N/A	23 inches of freeboard. Observed natural flow.
08/09/2023	777	No				Series		Series			N/A	23 inches of freeboard. Observed no outlet flow.
08/10/2023	778	No				Series		Series			Skimmed and fluffed FB2.	24 inches of freeboard. Observed no outlet flow.
08/11/2023	779	No				Series		Series			N/A	23.5 inches of freeboard. Observed no outlet flow.
08/14/2023	782	No	X	X		Series		Series	X		N/A	24 inches of freeboard. No natural flow.
08/15/2023	783	No				Series		Series			N/A	23.5 inches of freeboard. Observed no outlet flow.
08/16/2023	784	No				Series		Series			N/A	24 inches of freeboard. Observed no inlet flow.
08/17/2023	785	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/18/2023	786	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/21/2023	789	No	X			Series		Series	X		N/A	24 inches of freeboard. No natural flow.
08/22/2023	790	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/23/2023	791	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/24/2023	792	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/25/2023	793	No				Series		Series			N/A	24 inches of freeboard. No natural flow.
08/28/2023	796	No	X			Series		Series	X		N/A	23.5 inches of freeboard.
08/29/2023	797	No			X	Series		Series			N/A	23.5 inches of freeboard. Observed natural flow.
08/30/2023	798	No		X		Series		Series			N/A	23 inches of freeboard. Rain gauge reading of 1.5 inches. Observed natural flow.
08/31/2023	799	No				Series		Series			N/A	Rain gauge reading of 4.8 inches between 8/29 and 8/31. 17 inches of freeboard.

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
09/01/2023	800	No				Series		Series		N/A	20 inches of freeboard. Observed natural flow.	
09/05/2023	804	No	X			Series		Series	X	N/A	22 inches of freeboard. Observed natural flow.	
09/06/2023	805	No	X			Series		Series		Closed inlet valve.	24 inches of freeboard. Observed natural flow.	
09/07/2023	806	No				Series		Series		N/A	24 inches of freeboard. Observed low flow out.	
09/08/2023	807	No				Series		Series		N/A	22 inches of freeboard. Observed low flow out.	
09/11/2023	810	No	X			Series		Series	X	N/A	24 inches of freeboard. Observed no flow in and low flow out.	
09/13/2023	812	No				Series		Series		N/A	22.5 inches of freeboard. Observed natural flow in and low flow out.	
09/14/2023	813	No				Series		Series		N/A	22 inches of freeboard. Rain gauge reading of 0.52 inches. Observed natural flow.	
09/15/2023	814	-		X		Series		Series		Closed mid valve.	N/A	
09/18/2023	817	No				Series		Series	X	N/A	20 inches of freeboard. No natural flow. Inlet valve still closed.	
09/19/2023	818	No				Series		Series		N/A	21 inches of freeboard. No natural flow. Inlet valve still closed.	
09/20/2023	819	No				Series		Series		N/A	21 inches of freeboard. No natural flow. Inlet valve still closed.	
09/21/2023	820	No				Series		Series		N/A	21 inches of freeboard. No natural flow. Inlet valve still closed.	
09/22/2023	821	No				Series		Series		Opened inlet and mid valves.	21 inches of freeboard.	
09/23/2023	822	-		X	X	Series		Series		N/A	N/A	
09/25/2023	824	No	X			Series		Series	X	N/A	22 inches of freeboard. Observed natural flow.	
09/26/2023	825	No				Series		Series		N/A	22.5 inches of freeboard. Observed natural flow.	
09/27/2023	826	No				Series		Series		Closed inlet and mid valves.	23 inches of freeboard. Observed natural flow.	
09/28/2023	827	No				Series		Series		N/A	22 inches of freeboard. No flow out. Inlet and mid valves still closed.	
09/29/2023	828	No				Series		Series		N/A	23 inches of freeboard. Inlet and mid valves still closed. No natural flow.	

Notes:
 FB1 - Filter Bed 1
 FB2 - Filter Bed 2
 GAC - granular activated carbon
 N/A - Not Applicable

Table 2-2
Cape Fear River Elevation and Local Precipitation Statistics
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

Seep	# of Days of Operation on Record	Percent of Operation Over Lifetime of System ^[2]			
		River Above FTC Wall Elevation	River Above Bypass Spillway Elevation	River Above GAC Elevation	River Above Discharge Pipe Invert Elevation
C	1,019	1.7%	2.1%	3.9%	9.6%
A	886	0.7%	0.8%	1.5%	4.7%
B	845	0.6%	0.7%	1.1%	3.2%
D	829	0.7%	0.8%	1.6%	5.1%
Historical Annual Average (2007-2020) ^[3,4]		1.7%	2.2%	3.7%	9.6%

Precipitation (inches)	
Current Reporting Period (July - September 2023)	14.41
Current Reporting Period Historical Average (July - September 2004-2020) ^[5]	13.43
2023 Year-to-Date	35.10
Historical Year-to-Date Average (2004-2020) ^[5]	32.71
Historical Annual Average (2004-2020) ^[5]	43.44

Notes:

- 1 - River elevation and precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.
- 2 - Operational period for river flooding statistics includes the entire lifetime of the system for each seep.
- 3 - Seeps A and D are approximately 1 foot lower in elevation than Seeps B and C.
- 4 - For clarity of presentation, historical river flooding averages based on Seep C elevations only.
- 5 - The historical average was calculated using available data when the Huske rain gauge was operable.

Table 2-3A
FTC Sampling Summary - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-336-071423 SEEP-A-EFFLUENT-336-071423	July 1 - July 14, 2023	July 14, 2023
SEEP-A-INFLUENT-336-073123 SEEP-A-EFFLUENT-336-073123	July 17 - July 31, 2023	July 31, 2023
SEEP-A-INFLUENT-336-081423 SEEP-A-EFFLUENT-150-081423	August 1 - August 14, 2023	August 14, 2023
SEEP-A-INFLUENT-324-083023 SEEP-A-EFFLUENT-324-083023	August 17 - August 30, 2023	August 30, 2023
SEEP-A-INFLUENT-336-091523 SEEP-A-EFFLUENT-336-091523	September 1 - September 15, 2023	September 15, 2023
SEEP-A-INFLUENT-24-092323 SEEP-A-EFFLUENT-24-092323	September 23, 2023 (midnight - midnight)	September 23, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-A-INFLUENT-RAIN-24-070323 SEEP-A-EFFLUENT-RAIN-24-070323	July 3, 2023	06:40	0.40
SEEP-A-INFLUENT-RAIN-24-080523 SEEP-A-EFFLUENT-RAIN-24-080523	August 5, 2023	06:12	0.74
SEEP-A-INFLUENT-24-092323 SEEP-A-EFFLUENT-24-092323	September 23, 2023	23:00	0.62

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - During the collection of the August 14 effluent sample, the power supply for the autosampler briefly malfunctioned, resulting in the collection of fewer aliquots (150) than planned (336).
- 3 - The FTC was operating under batch mode in September. The FTC was opened from September 22 to 27 to treat accumulated rainwater in the impoundment pond. For comprehensive purposes, these batch mode samples are shown above as both Performance Monitoring and Wet Weather Monitoring samples. See Section 2.1.5 for more details about batch processing.
- 4 - Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2-3B
FTC Sampling Summary - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-B-INFLUENT-216-071423 SEEP-B-EFFLUENT-336-071423	July 1 - July 14, 2023	July 14, 2023
SEEP-B-INFLUENT-336-073123 SEEP-B-EFFLUENT-336-073123	July 17 - July 31, 2023	July 31, 2023
SEEP-B-INFLUENT-336-081423 SEEP-B-EFFLUENT-336-081423	August 1 - August 14, 2023	August 14, 2023
SEEP-B-INFLUENT-324-083023 SEEP-B-EFFLUENT-324-083023	August 17 - August 30, 2023	August 30, 2023
SEEP-B-INFLUENT-336-091523 SEEP-B-EFFLUENT-336-091523	September 1 - September 15, 2023	September 15, 2023
SEEP-B-INFLUENT-24-092323 SEEP-B-EFFLUENT-24-092323	September 23, 2023 (midnight - midnight)	September 23, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-B-INFLUENT-RAIN-24-070323 SEEP-B-EFFLUENT-RAIN-24-070323	July 3, 2023	06:46	0.40
SEEP-B-INFLUENT-RAIN-24-080523 SEEP-B-EFFLUENT-RAIN-24-080523	August 5, 2023	06:12	0.74
SEEP-B-INFLUENT-24-092323 SEEP-B-EFFLUENT-24-092323	September 23, 2023	23:00	0.62

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - During the collection of the July 14 influent sample, the sampling tubing came out of the influent stilling basin for approximately 4 days, resulting in the collection of fewer aliquots (216) than planned (336).
- 3 - The FTC was operating under batch mode in September. The FTC was opened from September 22 to 25 to treat accumulated rainwater in the impoundment pond. For comprehensive purposes, these batch mode samples are shown above as both Performance Monitoring and Wet Weather Monitoring samples. See Section 2.1.5 for more details about batch processing.
- 4 - Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2-3C
FTC Sampling Summary - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-336-071423 SEEP-C-EFFLUENT-336-071423	July 1 - July 14, 2023	July 14, 2023
SEEP-C-INFLUENT-336-073123 SEEP-C-EFFLUENT-336-073123	July 17 - July 31, 2023	July 31, 2023
SEEP-C-INFLUENT-336-081423 SEEP-C-EFFLUENT-336-081423	August 1 - August 14, 2023	August 14, 2023
SEEP-C-INFLUENT-324-083023 SEEP-C-EFFLUENT-324-083023	August 17 - August 30, 2023	August 30, 2023
SEEP-C-INFLUENT-336-091523 SEEP-C-EFFLUENT-336-091523	September 1 - September 15, 2023	September 15, 2023
SEEP-C-INFLUENT-24-091923 SEEP-C-EFFLUENT-24-091923	September 18 - September 19, 2023	September 19, 2023
SEEP-C-INFLUENT-24-092323 SEEP-C-EFFLUENT-24-092323	September 23, 2023 (midnight - midnight)	September 23, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-C-INFLUENT-RAIN-24-070323 SEEP-C-EFFLUENT-RAIN-24-070323	July 3, 2023	07:02	0.40
SEEP-C-INFLUENT-RAIN-24-080523 SEEP-C-EFFLUENT-RAIN-24-080523	August 5, 2023	06:16	0.74
SEEP-C-INFLUENT-RAIN-24-091523 SEEP-C-EFFLUENT-RAIN-24-091523	September 15, 2023	09:37	0.53
SEEP-C-INFLUENT-24-092323 SEEP-C-EFFLUENT-24-092323	September 23, 2023	23:00	0.62

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - The FTC was operating under batch mode in the second half of September. The FTC was opened from September 18 to 29 to treat accumulated rainwater in the impoundment pond. For comprehensive purposes, these batch mode samples are shown above as both Performance Monitoring and Wet Weather Monitoring samples. See Section 2.1.5 for more details about batch processing.
- 3 - Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2-3D
FTC Sampling Summary - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-D-INFLUENT-336-071423 SEEP-D-EFFLUENT-336-071423	July 1 - July 14, 2023	July 14, 2023
SEEP-D-INFLUENT-336-073123 SEEP-D-EFFLUENT-336-073123	July 17 - July 31, 2023	July 31, 2023
SEEP-D-INFLUENT-336-081423 SEEP-D-EFFLUENT-336-081423	August 1 - August 14, 2023	August 14, 2023
SEEP-D-INFLUENT-324-083023 SEEP-D-EFFLUENT-324-083023	August 17 - August 30, 2023	August 30, 2023
SEEP-D-INFLUENT-336-091523 SEEP-D-EFFLUENT-336-091523	September 1 - September 15, 2023	September 15, 2023
SEEP-D-INFLUENT-24-092323 SEEP-D-EFFLUENT-24-092323	September 23, 2023 (midnight - midnight)	September 23, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-D-INFLUENT-RAIN-24-070323 SEEP-D-EFFLUENT-RAIN-24-070323	July 3, 2023	07:08	0.40
SEEP-D-INFLUENT-RAIN-24-082923 SEEP-D-EFFLUENT-RAIN-24-082923	August 29, 2023	05:49	0.35
SEEP-D-INFLUENT-24-092323 SEEP-D-EFFLUENT-24-092323	September 23, 2023	23:00	0.62

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - A Wet Weather sample was attempted at Seep D on August 5 as with the other FTCs, but an operational malfunction interrupted the effluent sample. Therefore, the autosampler was reprogrammed and a Wet Weather sample was successfully collected on August 29.
- 3 - The FTC was operating under batch mode in September. The FTC was opened from September 22 to 27 to treat accumulated rainwater in the impoundment pond. For comprehensive purposes, these batch mode samples are shown above as both Performance Monitoring and Wet Weather Monitoring samples. See Section 2.1.5 for more details about batch processing.
- 4 - Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-A-INFLUENT- 336-071423	SEEP-A-EFFLUENT- 336-071423	Percent Removal	SEEP-A-INFLUENT- 336-073123	SEEP-A-EFFLUENT- 336-073123	Percent Removal	SEEP-A-INFLUENT- 336-081423	SEEP-A-EFFLUENT- 150-081423	Percent Removal	SEEP-A-INFLUENT- 324-083023	SEEP-A-EFFLUENT- 324-083023	Percent Removal
	Sample Date: 14-Jul-23	Sample Date: 14-Jul-23		Sample Date: 31-Jul-23	Sample Date: 31-Jul-23		Sample Date: 14-Aug-23	Sample Date: 14-Aug-23		Sample Date: 30-Aug-23	Sample Date: 30-Aug-23	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	6,400	23	99.6%	6,000	22	99.6%	8,900	140	98.4%	8,500	300	96.5%
PFMOAA	15,000	220	98.5%	13,000	150	98.8%	17,000	1,800	89.4%	25,000	5,900	76.4%
PFO2HxA	10,000	86	99.1%	9,200	77	99.2%	13,000	530	95.9%	16,000	1,800	88.8%
PFO3OA	3,400	11	99.7%	2,800	9.1	99.7%	4,300	45	99.0%	4,400	85	98.1%
PFO4DA	1,400	<2.0	>99.9%	1,300	<2.0	>99.9%	1,800	<5.9	>99.9%	1,900	26 J	98.6%
PFO5DA	900	<2.0	>99.9%	830	<2.0	>99.9%	1,100	<7.8	>99.9%	1,500	<7.8	>99.9%
PMPA	4,900	49	99.0%	4,000	42	99.0%	6,800	370	94.6%	6,300	1,000	84.1%
PEPA	2,000	<20	>99.9%	1,800	<20	>99.9%	2,600	88	96.6%	2,600	280 J	89.2%
PS Acid	70	<2.0	>99.9%	<20	<2.0	>99.9%	53	<2.0	>99.9%	64	<2.0	>99.9%
Hydro-PS Acid	310	<2.0	>99.9%	260	<2.0	>99.9%	330	<2.0	>99.9%	380	2.8	99.3%
R-PSDA	790 J	2.5 J	99.7%	710 J	<2.0	>99.9%	710 J	25 J	96.5%	690 J	30 J	95.7%
Hydrolyzed PSDA	3,300 J	24 J	99.3%	2,900 J	13 J	99.6%	4,400 J	100 J	97.7%	3,600 J	220 J	93.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	230	2.3	99.0%	260	<2.0	>99.9%	380	<2.0	>99.9%	370	30	91.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	250	<2.0	>99.9%	190	<2.0	>99.9%	280	<2.0	>99.9%	320	3.3	99.0%
R-EVE	350 J	<2.0	>99.9%	300 J	<2.0	>99.9%	230 J	2.5 J	98.9%	380 J	27 J	92.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	3.6	-- ^[4]
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.7	>99.9%	<27	<2.7	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<4.8	>99.9%	<48	<4.8	>99.9%
Total Table 3+ (17 compounds)^{1,2}	45,000	390	99.1%	40,000	300	99.3%	57,000	3,000	94.7%	67,000	9,400	86.0%

Notes:

- 1 - 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.
- 2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
- 3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-A-INFLUENT- 336-091523	SEEP-A-EFFLUENT- 336-091523	Percent Removal	SEEP-A-INFLUENT- 24-092323	SEEP-A-EFFLUENT- 24-092323	Percent Removal
	Sample Date: 15-Sep-23	Sample Date: 15-Sep-23		Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	
<i>Table 3 + SOP (ng/L)</i>						
Hfpo Dimer Acid	5,500	370 J	93.3%	7,000	27	99.6%
PFMOAA	12,000 J	2,000	83.3%	16,000	140 J	99.1%
PFO2HxA	9,000	560	93.8%	10,000	100	99.0%
PFO3OA	2,900	53	98.2%	3,200	11	99.7%
PFO4DA	1,500	16	98.9%	1,400	2.6	99.8%
PFO5DA	870 J	5.9	99.3%	840	<2.0	>99.9%
PMPA	4,000	360	91.0%	4,900	65	98.7%
PEPA	1,400	77	94.5%	1,900	<20	>99.9%
PS Acid	73	<2.0	>99.9%	29	<2.0	>99.9%
Hydro-PS Acid	270 J	2.7	99.0%	270	<2.0	>99.9%
R-PSDA	540 J	15 J	97.2%	570 J	<2.0	>99.9%
Hydrolyzed PSDA	1,500 J	96 J	93.6%	2,100 J	17 J	99.2%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	170	12	92.9%	220	3.1	98.6%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	220 J	2.7	98.8%	220	<2.0	>99.9%
R-EVE	240 J	11 J	95.4%	320 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	38,000	3,500	90.8%	46,000	350	99.2%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4B
FTC Performance Monitoring Analytical Results - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-B-INFLUENT- 216-071423	SEEP-B-EFFLUENT- 336-071423	Percent Removal	SEEP-B-INFLUENT- 336-073123	SEEP-B-EFFLUENT- 336-073123	Percent Removal	SEEP-B-INFLUENT- 336-081423	SEEP-B-EFFLUENT- 336-081423	Percent Removal	SEEP-B-INFLUENT- 324-083023	SEEP-B-EFFLUENT- 324-083023	Percent Removal
	Sample Date: 14-Jul-23	Sample Date: 14-Jul-23		Sample Date: 31-Jul-23	Sample Date: 31-Jul-23		Sample Date: 14-Aug-23	Sample Date: 14-Aug-23		Sample Date: 30-Aug-23	Sample Date: 30-Aug-23	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	4,300	73	98.3%	3,600	92	97.4%	9,600	380	96.0%	15,000	610	95.9%
PFMOAA	17,000	840	95.1%	8,700	720	91.7%	16,000	4,600	71.3%	28,000	8,600	69.3%
PFO2HxA	7,200	190	97.4%	4,900	260	94.7%	18,000	1,000	94.4%	34,000	2,000	94.1%
PFO3OA	1,200	17	98.6%	1,000	17	98.3%	3,400	51	98.5%	5,300	81	98.5%
PFO4DA	280	<2.0	>99.9%	300	2	99.3%	470	<5.9	>99.9%	570	7.5	98.7%
PFO5DA	160	<2.0	>99.9%	<78	<2.0	>99.9%	220	<7.8	>99.9%	140	<3.9	>99.9%
PMPA	6,300	310	95.1%	3,300	340	89.7%	7,100	1,500	78.9%	8,700	2,600	70.1%
PEPA	2,900	94	96.8%	1,600	120	92.5%	4,500	480	89.3%	6,900	750	89.1%
PS Acid	50	<2.0	>99.9%	<20	<2.0	>99.9%	58	<2.0	>99.9%	78	<2.0	>99.9%
Hydro-PS Acid	200	<2.0	>99.9%	<6.1	<2.0	>99.9%	230	<2.0	>99.9%	280	3	98.9%
R-PSDA	730 J	11 J	98.5%	610 J	9.1 J	98.5%	1,400 J	42 J	97.0%	1,800 J	65 J	96.4%
Hydrolyzed PSDA	3,900 J	72 J	98.2%	1,800 J	54 J	97.0%	9,400 J	300 J	96.8%	12,000 J	350 J	97.1%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	25	<2.0	>99.9%
NVHOS, Acid Form	370	11	97.0%	270	11	95.9%	1,200	50	95.8%	2,000	82	95.9%
EVE Acid	29	<2.0	>99.9%	<17	<2.0	>99.9%	34	<2.0	>99.9%	47	<2.0	>99.9%
Hydro-EVE Acid	280	<2.0	>99.9%	<14	2.3	-- ^[4]	320	<2.0	>99.9%	450	5.3	98.8%
R-EVE	590 J	9.6 J	98.4%	340 J	8.9 J	97.4%	820 J	31 J	96.2%	1,300 J	68 J	94.8%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	2	-- ^[4]
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.7	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<4.8	>99.9%	<48	<2.4	>99.9%
Total Table 3+ (17 compounds)^{1,2}	40,000	1,500	96.3%	24,000	1,600	93.3%	61,000	8,100	86.7%	100,000	15,000	85.0%

Notes:

- 1 - 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.
 - 2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
 - 3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
 - 4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.
- Bold** - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 < - Analyte not detected above associated reporting limit.

Table 2-4B
FTC Performance Monitoring Analytical Results - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-B-INFLUENT- 336-091523	SEEP-B-EFFLUENT- 336-091523	Percent Removal	SEEP-B-INFLUENT- 24-092323	SEEP-B-EFFLUENT- 24-092323	Percent Removal
	Sample Date: 15-Sep-23	Sample Date: 15-Sep-23		Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	
<i>Table 3 + SOP (ng/L)</i>						
Hfpo Dimer Acid	4,800	120	97.5%	2,800	270	90.4%
PFMOAA	5,700 J	1,400	75.4%	5,800	1,200	79.3%
PFO2HxA	6,000	310	94.8%	4,000	870	78.3%
PFO3OA	1,100	20	98.2%	700	32	95.4%
PFO4DA	210	<2.0	>99.9%	180	<2.0	>99.9%
PFO5DA	78 J	<2.0	>99.9%	120	<2.0	>99.9%
PMPA	3,100	420	86.5%	2,700	650	75.9%
PEPA	1,400	160	88.6%	1,200	280	76.7%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	100 J	<2.0	>99.9%	81	<2.0	>99.9%
R-PSDA	330 J	15 J	95.5%	260 J	28 J	89.2%
Hydrolyzed PSDA	1,900 J	80 J	95.8%	740 J	170 J	77.0%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	350	16	95.4%	180	31	82.8%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	110 J	<2.0	>99.9%	78	<2.0	>99.9%
R-EVE	210 J	15 J	92.9%	150 J	27 J	82.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	23,000	2,400	89.6%	18,000	3,300	81.7%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-C-INFLUENT- 336-071423	SEEP-C-EFFLUENT- 336-071423	Percent Removal	SEEP-C-INFLUENT- 336-073123	SEEP-C-EFFLUENT- 336-073123	Percent Removal	SEEP-C-INFLUENT- 336-081423	SEEP-C-EFFLUENT- 336-081423	Percent Removal	SEEP-C-INFLUENT- 324-083023	SEEP-C-EFFLUENT- 324-083023	Percent Removal
	Sample Date: 14-Jul-23	Sample Date: 14-Jul-23		Sample Date: 31-Jul-23	Sample Date: 31-Jul-23		Sample Date: 14-Aug-23	Sample Date: 14-Aug-23		Sample Date: 30-Aug-23	Sample Date: 30-Aug-23	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	2,600	16	99.4%	3,600	27	99.3%	3,700	41	98.9%	3,500	62	98.2%
PFMOAA	7,800	120	98.5%	7,600	120	98.4%	7,800	170	97.8%	9,800	270	97.2%
PFO2HxA	4,000	46	98.9%	4,700	72	98.5%	4,800	93	98.1%	6,000	220	96.3%
PFO3OA	1,300	5.9	99.5%	1,600	6	99.6%	1,700	7.3	99.6%	1,800	12	99.3%
PFO4DA	460	<2.0	>99.9%	600	<2.0	>99.9%	640	<2.0	>99.9%	620	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	140	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	1,500	24	98.4%	1,600	32	98.0%	2,100	35	98.3%	1,900	71	96.3%
PEPA	550	<20	>99.9%	590	<20	>99.9%	620	<20	>99.9%	640	23	96.4%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	110	<2.0	>99.9%	<6.1	<2.0	>99.9%	120	<2.0	>99.9%	94	<2.0	>99.9%
R-PSDA	220 J	<2.0	>99.9%	300 J	<2.0	>99.9%	<71	<2.0	>99.9%	180 J	<2.0	>99.9%
Hydrolyzed PSDA	120 J	<2.0	>99.9%	<38	<2.0	>99.9%	<38	<2.0	>99.9%	130 J	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	<15	<2.0	>99.9%	180	<2.0	>99.9%	200	2.7	98.7%	190	3.7	98.1%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	190	<2.0	>99.9%	290	<2.0	>99.9%	250	<2.0	>99.9%	240	<2.0	>99.9%
R-EVE	140 J	<2.0	>99.9%	200 J	<2.0	>99.9%	<72	<2.0	>99.9%	190 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	19,000	210	98.9%	21,000	260	98.8%	22,000	350	98.4%	25,000	660	97.4%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-C-INFLUENT- 336-091523	SEEP-C-EFFLUENT- 336-091523	Percent Removal	SEEP-C-INFLUENT- 24-091923	SEEP-C-EFFLUENT- 24-091923	Percent Removal	SEEP-C-INFLUENT- 24-092323	SEEP-C-EFFLUENT- 24-092323	Percent Removal
	Sample Date: 15-Sep-23	Sample Date: 15-Sep-23		Sample Date: 19-Sep-23	Sample Date: 19-Sep-23		Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	
<i>Table 3 + SOP (ng/L)</i>									
Hfpo Dimer Acid	5,400	34	99.4%	3,300	54	98.4%	2,400	5.3	99.8%
PFMOAA	9,300 J	150	98.4%	6,600 J	320	95.2%	5,900	11	99.8%
PFO2HxA	6,900	66	99.0%	3,500	120	96.6%	3,100	11	99.6%
PFO3OA	2,400	7.6	99.7%	1,100	11	99.0%	930	<2.0	>99.9%
PFO4DA	780	<2.0	>99.9%	390	<2.0	>99.9%	370	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	2,400	30	98.8%	1,300	57	95.6%	1,200	<10	>99.9%
PEPA	900	<20	>99.9%	440	<20	>99.9%	370	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	150 J	<2.0	>99.9%	94 J	<2.0	>99.9%	79	<2.0	>99.9%
R-PSDA	180 J	<2.0	>99.9%	<71	2.0 J	-- ^[4]	140 J	<2.0	>99.9%
Hydrolyzed PSDA	52 J	<2.0	>99.9%	<38	3.4 J	-- ^[4]	64 J	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	180	2.4	98.7%	130	3.9	97.0%	80	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	380 J	<2.0	>99.9%	200 J	<2.0	>99.9%	160	<2.0	>99.9%
R-EVE	220 J	<2.0	>99.9%	<72	3.0 J	-- ^[4]	110 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	29,000	290	99.0%	17,000	570	96.6%	15,000	27	99.8%

Notes:

- 1 - 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.
- 2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
- 3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-D-INFLUENT- 336-071423	SEEP-D-EFFLUENT- 336-071423	Percent Removal	SEEP-D-INFLUENT- 336-073123	SEEP-D-EFFLUENT- 336-073123	Percent Removal	SEEP-D-EFFLUENT- 336-081423	SEEP-D-INFLUENT- 336-081423	Percent Removal	SEEP-D-INFLUENT- 324-083023	SEEP-D-EFFLUENT- 324-083023	Percent Removal
	Sample Date: 14-Jul-23	Sample Date: 14-Jul-23		Sample Date: 31-Jul-23	Sample Date: 31-Jul-23		Sample Date: 14-Aug-23	Sample Date: 14-Aug-23		Sample Date: 30-Aug-23	Sample Date: 30-Aug-23	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	8,200	120	98.5%	8,900	140	98.4%	13,000	170	98.7%	13,000	200	98.5%
PFMOAA	33,000	780	97.6%	29,000	560	98.1%	29,000	980	96.6%	52,000	630	98.8%
PFO2HxA	14,000	370	97.4%	13,000	430	96.7%	18,000	430	97.6%	34,000	770	97.7%
PFO3OA	4,500	39	99.1%	4,300	45	99.0%	4,800	42 J	99.1%	5,900	80	98.6%
PFO4DA	1,400	4.2	99.7%	1,300	6.5	99.5%	1,100	<59	>99.9%	1,200	9.7	99.2%
PFO5DA	130	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<78	>99.9%	<78	<2.0	>99.9%
PMPA	4,900	100	98.0%	3,900	94	97.6%	4,900	<620	>99.9%	6,300	120	98.1%
PEPA	1,700	35	97.9%	1,300	38	97.1%	1,700	41	97.6%	2,600	52	98.0%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<20	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	240	<2.0	>99.9%	210	<2.0	>99.9%	190	<6.1	>99.9%	140	<2.0	>99.9%
R-PSDA	630 J	12 J	98.1%	550 J	9.7 J	98.2%	680 J	<71	>99.9%	790 J	8.2 J	99.0%
Hydrolyzed PSDA	1,400 J	33 J	97.6%	1,000 J	23 J	97.7%	1,200 J	<38	>99.9%	1,400 J	19 J	98.6%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<17	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	350	9.5	97.3%	350	11	96.9%	520	32	93.8%	770	17	97.8%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<17	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	700	<2.0	>99.9%	590	3.2	99.5%	500	<14	>99.9%	490	3.9	99.2%
R-EVE	580 J	14 J	97.6%	470 J	12 J	97.4%	350 J	<72	>99.9%	770 J	9.8 J	98.7%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<6.7	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<27	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<48	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	69,000	1,500	97.8%	63,000	1,300	97.9%	74,000	1,700	97.7%	120,000	1,900	98.4%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

4 - The August 14 sample results were reported as effluent PFAS detections appearing higher than influent. Based on historical data, it is assumed that this was a result of a field labeling error, and influent concentrations were actually higher than effluent, as presented above.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-D-INFLUENT- 336-091523	SEEP-D-EFFLUENT- 336-091523	Percent Removal	SEEP-D-INFLUENT- 24-092323	SEEP-D-EFFLUENT- 24-092323	Percent Removal
	Sample Date: 15-Sep-23	Sample Date: 15-Sep-23		Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	
<i>Table 3 + SOP (ng/L)</i>						
Hfpo Dimer Acid	7,000	51	99.3%	6,500	27	99.6%
PFMOAA	19,000 J	310	98.4%	20,000	130	99.4%
PFO2HxA	11,000	140	98.7%	10,000	96	99.0%
PFO3OA	2,400	19	99.2%	2,700	9.1	99.7%
PFO4DA	640	2.2	99.7%	770	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	95	<2.0	>99.9%
PMPA	3,000	30	99.0%	2,900	31	98.9%
PEPA	990	<20	>99.9%	1,000	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	130 J	<2.0	>99.9%	140	<2.0	>99.9%
R-PSDA	310 J	3.1 J	99.0%	320 J	<2.0	>99.9%
Hydrolyzed PSDA	700 J	7.8 J	98.9%	550 J	3.4 J	99.4%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	330	4.6	98.6%	260	3	98.8%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	350 J	<2.0	>99.9%	350	<2.0	>99.9%
R-EVE	280 J	4.0 J	98.6%	300 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)^{1,2}	45,000	560	98.8%	45,000	300	99.3%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 2-5A
FTC Wet Weather Analytical Results - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-A-INFLUENT- RAIN-24-070323	SEEP-A-EFFLUENT- RAIN-24-070323		SEEP-A-INFLUENT- RAIN-24-080523	SEEP-A-EFFLUENT- RAIN-24-080523		SEEP-A-INFLUENT- 24-092323	SEEP-A-EFFLUENT- 24-092323	
	Sample Date: 03-Jul-23	Sample Date: 03-Jul-23	Percent Removal	Sample Date: 05-Aug-23	Sample Date: 05-Aug-23	Percent Removal	Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	Percent Removal
<i>Table 3+ SOP (ng/L)</i>									
Hfpo Dimer Acid	7,500	24	99.7%	9,000	48	99.5%	7,000	27	99.6%
PFMOAA	17,000	150	99.1%	19,000	540	97.2%	16,000	140 J	99.1%
PFO2HxA	12,000	76	99.4%	14,000	180	98.7%	10,000	100	99.0%
PFO3OA	3,800	8.6	99.8%	4,600	21	99.5%	3,200	11	99.7%
PFO4DA	1,700	<2.0	>99.9%	2,000	5.5	99.7%	1,400	2.6	99.8%
PFO5DA	1,100	<2.0	>99.9%	1,200	2	99.8%	840	<2.0	>99.9%
PMPA	5,700	37	99.4%	7,200	140	98.1%	4,900	65	98.7%
PEPA	2,400	<20	>99.9%	2,700	30	98.9%	1,900	<20	>99.9%
PS Acid	84	<2.0	>99.9%	59	<2.0	>99.9%	29	<2.0	>99.9%
Hydro-PS Acid	320	<2.0	>99.9%	360	<2.0	>99.9%	270	<2.0	>99.9%
R-PSDA	760 J	<2.0	>99.9%	750 J	2.6 J	99.7%	570 J	<2.0	>99.9%
Hydrolyzed PSDA	4,300 J	15 J	99.7%	4,400 J	32 J	99.3%	2,100 J	17 J	99.2%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	340	2	99.4%	390	3.5	99.1%	220	3.1	98.6%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	270	<2.0	>99.9%	300	<2.0	>99.9%	220	<2.0	>99.9%
R-EVE	360 J	<2.0	>99.9%	260 J	<2.0	>99.9%	320 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)^{1,2}	52,000	300	99.4%	61,000	970	98.4%	46,000	350	99.2%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

< - Analyte not detected above associated reporting limit.

Table 2-5B
FTC Wet Weather Analytical Results - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-B-EFFLUENT- RAIN-24-070323	SEEP-B-INFLUENT- RAIN-24-070323		SEEP-B-INFLUENT- RAIN-24-080523	SEEP-B-EFFLUENT- RAIN-24-080523		SEEP-B-INFLUENT- 24-092323	SEEP-B-EFFLUENT- 24-092323	
	Sample Date: 03-Jul-23	Sample Date: 03-Jul-23	Percent Removal	Sample Date: 05-Aug-23	Sample Date: 05-Aug-23	Percent Removal	Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	Percent Removal
<i>Table 3+ SOP (ng/L)</i>									
Hfpo Dimer Acid	5,000	130	97.4%	8,300	270 J	96.7%	2,800	270	90.4%
PFMOAA	13,000	700	94.6%	18,000	3,900 J	78.3%	5,800	1,200	79.3%
PFO2HxA	7,000	380	94.6%	17,000	870 J	94.9%	4,000	870	78.3%
PFO3OA	790	41	94.8%	3,000	42 J	98.6%	700	32	95.4%
PFO4DA	260	8.4	96.8%	450	<5.9 UJ	>99.9%	180	<2.0	>99.9%
PFO5DA	160	<2.0	>99.9%	200	<7.8 UJ	>99.9%	120	<2.0	>99.9%
PMPA	6,200	100	98.4%	7,900	1,200 J	84.8%	2,700	650	75.9%
PEPA	3,200	34	98.9%	4,600	360 J	92.2%	1,200	280	76.7%
PS Acid	69	<2.0	>99.9%	57	<2.0 UJ	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	230	<2.0	>99.9%	220	<2.0 UJ	>99.9%	81	<2.0	>99.9%
R-PSDA	1,200 J	11 J	99.1%	1,300 J	41 J	96.8%	260 J	28 J	89.2%
Hydrolyzed PSDA	6,200 J	28 J	99.5%	7,800 J	220 J	97.2%	740 J	170 J	77.0%
R-PSDCA	12	<2.0	>99.9%	<17	<2.0 UJ	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	430	9	97.9%	1,100	37 J	96.6%	180	31	82.8%
EVE Acid	46	<2.0	>99.9%	34	<2.0 UJ	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	320	4.5	98.6%	290	<2.0 UJ	>99.9%	78	<2.0	>99.9%
R-EVE	1,500 J	12 J	99.2%	730 J	45 J	93.8%	150 J	27 J	82.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<2.0	>99.9%	<6.7	<2.0 UJ	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<2.0	<2.0	>99.9%	<27	<2.7 UJ	>99.9%	<27	<2.0	>99.9%
PFECA-G	<2.0	<2.0	>99.9%	<48	<4.8 UJ	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)^{1,2}	37,000	1,400	96.2%	61,000	6,700	89.0%	18,000	3,300	81.7%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

4 - The July 3 sample results were reported as effluent PFAS detections appearing higher than influent. Based on historical data, it is assumed that this was a result of a field labeling error, and influent concentrations were actually higher than effluent, as presented above.

Bold - Analyte detected above associated reporting limit.

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

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

ng/L - nanograms per liter

< - Analyte not detected above associated reporting limit.

Table 2-5C
FTC Wet Weather Analytical Results - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-C-INFLUENT- RAIN-24-070323	SEEP-C-EFFLUENT- RAIN-24-070323		SEEP-C-INFLUENT- RAIN-24-080523	SEEP-C-EFFLUENT- RAIN-24-080523		SEEP-C-INFLUENT- RAIN-24-091523	SEEP-C-EFFLUENT- RAIN-24-091523	
	Sample Date: 03-Jul-23	Sample Date: 03-Jul-23	Percent Removal	Sample Date: 05-Aug-23	Sample Date: 05-Aug-23	Percent Removal	Sample Date: 15-Sep-23	Sample Date: 15-Sep-23	Percent Removal
<i>Table 3+ SOP (ng/L)</i>									
Hfpo Dimer Acid	2,300	6.8	99.7%	4,400	56	98.7%	5,300	58	98.9%
PFMOAA	7,700	43	99.4%	8,100	480	94.1%	9,500 J	380	96.0%
PFO2HxA	3,700	17	99.5%	6,000	220	96.3%	5,600	130	97.7%
PFO3OA	1,100	<2.0	>99.9%	1,800	14	99.2%	1,900	10	99.5%
PFO4DA	470	<2.0	>99.9%	690	<2.0	>99.9%	660	<2.0	>99.9%
PFO5DA	130	<2.0	>99.9%	93	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	2,000	<10	>99.9%	2,000	97	95.2%	2,200	55	97.5%
PEPA	440	<20	>99.9%	700	29	95.9%	710	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	99	<2.0	>99.9%	110	<2.0	>99.9%	150 J	<2.0	>99.9%
R-PSDA	240 J	<2.0	>99.9%	130 J	2.1 J	98.4%	150 J	<2.0	>99.9%
Hydrolyzed PSDA	130 J	<2.0	>99.9%	<38	2.5 J	-- ^[4]	43 J	2.6 J	94.0%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	160	<2.0	>99.9%	200	4.6	97.7%	180	4	97.8%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	140	<2.0	>99.9%	300	<2.0	>99.9%	380 J	<2.0	>99.9%
R-EVE	120 J	<2.0	>99.9%	78 J	3.9 J	95.0%	140 J	2.9 J	97.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)^{1,2}	18,000	67	99.6%	24,000	900	96.3%	27,000	640	97.6%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

< - Analyte not detected above associated reporting limit.

Table 2-5C
FTC Wet Weather Analytical Results - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	SEEP-C-INFLUENT- 24-092323 Sample Date: 23-Sep-23	SEEP-C-EFFLUENT- 24-092323 Sample Date: 23-Sep-23	Percent Removal
Hfpo Dimer Acid	2,400	5.3	99.8%
PFMOAA	5,900	11	99.8%
PFO2HxA	3,100	11	99.6%
PFO3OA	930	<2.0	>99.9%
PFO4DA	370	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%
PMPA	1,200	<10	>99.9%
PEPA	370	<20	>99.9%
PS Acid	<20	<2.0	>99.9%
Hydro-PS Acid	79	<2.0	>99.9%
R-PSDA	140 J	<2.0	>99.9%
Hydrolyzed PSDA	64 J	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%
NVHOS, Acid Form	80	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%
Hydro-EVE Acid	160	<2.0	>99.9%
R-EVE	110 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)^{1,2}	15,000	27	99.8%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

< - Analyte not detected above associated reporting limit.

Table 2-5D
FTC Wet Weather Analytical Results - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-D-INFLUENT- RAIN-24-070323	SEEP-D-EFFLUENT- RAIN-24-070323		SEEP-D-INFLUENT- RAIN-24-082923	SEEP-D-EFFLUENT- RAIN-24-082923		SEEP-D-INFLUENT- 24-092323	SEEP-D-EFFLUENT- 24-092323	
	Sample Date: 03-Jul-23	Sample Date: 03-Jul-23	Percent Removal	Sample Date: 29-Aug-23	Sample Date: 29-Aug-23	Percent Removal	Sample Date: 23-Sep-23	Sample Date: 23-Sep-23	Percent Removal
<i>Table 3+ SOP (ng/L)</i>									
Hfpo Dimer Acid	9,600	130	98.6%	15,000	200	98.7%	6,500	27	99.6%
PFMOAA	32,000	700	97.8%	55,000	620	98.9%	20,000	130	99.4%
PFO2HxA	16,000	380	97.6%	34,000	610	98.2%	10,000	96	99.0%
PFO3OA	5,200	41	99.2%	5,500	65	98.8%	2,700	9.1	99.7%
PFO4DA	1,600	8.4	99.5%	910	7.6	99.2%	770	<2.0	>99.9%
PFO5DA	140	<2.0	>99.9%	81	<2.0	>99.9%	95	<2.0	>99.9%
PMPA	5,000	100	98.0%	6,100	120	98.0%	2,900	31	98.9%
PEPA	1,700	34	98.0%	2,800	48	98.3%	1,000	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	240	<2.0	>99.9%	190	<2.0	>99.9%	140	<2.0	>99.9%
R-PSDA	640 J	11 J	98.3%	1100 J	9.1 J	99.2%	320 J	<2.0	>99.9%
Hydrolyzed PSDA	1,300 J	28 J	97.8%	1900 J	22 J	98.8%	550 J	3.4 J	99.4%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	450	9	98.0%	1,000	17	98.3%	260	3	98.8%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	680	4.5	99.3%	550	3.9	99.3%	350	<2.0	>99.9%
R-EVE	550 J	12 J	97.8%	1100 J	12 J	98.9%	300 J	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)^{1,2}	73,000	1,400	98.1%	120,000	1,700	98.6%	45,000	300	99.3%

Notes:

1 - 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.

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

3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"

4 - The August 5 effluent sample was not collected because the autosampler malfunctioned. Without corresponding effluent sample results, the percent removal is not calculable.

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

< - Analyte not detected above associated reporting limit.

Table 2-6A
FTC Water Quality Data - Seep A
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/14/2023	6.8	7.3	0.5	7.00	7.48	0.50	391	382	-9	24.5	24.7	1.0	26.19	0.26	-25.93	19	<1.1	-19
8/2/2023	7.9	8.4	0.5	6.78	7.20	0.40	517	406	-111	24.0	23.8	0.0	10.79	0.93	-9.86	47	<1.1	-47
8/14/2023	0.3	0.3	0.0	7.50	7.63	0.10	486	422	-64	25.9	25.8	0.0	22.30	1.15	-21.15	14	3.6 J	-10
8/30/2023 ^[4]	7.7	8.1	0.4	7.88	7.89	0.00	414	446	32	11.6	9.8	-2.0	284.42	18.53	-265.89	96	<1.1	-96
9/15/2023	7.3	6.9	-0.4	6.25	7.22	0.90	721	348	-373	23.9	24.0	0.0	10.18	111.04	100.86	7.2	8.0	0.8
9/23/2023	7.6	6.5	-1.1	6.84	7.27	0.50	418	430	12	21.5	21.4	0.0	10.38	2.63	-7.75	22	<1.1	-22
<i>Average</i>	<i>6.3</i>	<i>6.2</i>	<i>-0.1</i>	<i>7.04</i>	<i>7.45</i>	<i>0.40</i>	<i>491</i>	<i>406</i>	<i>-85</i>	<i>23.9</i>	<i>23.9</i>	<i>0.0</i>	<i>60.7</i>	<i>22.4</i>	<i>-38.3</i>	<i>34.2</i>	<i>1.9</i>	<i>-32.3</i>
<i>Median</i>	<i>7.5</i>	<i>7.1</i>	<i>-0.4</i>	<i>6.92</i>	<i>7.38</i>	<i>0.50</i>	<i>452</i>	<i>414</i>	<i>-38</i>	<i>24.0</i>	<i>24.0</i>	<i>0.0</i>	<i>16.5</i>	<i>1.9</i>	<i>-14.6</i>	<i>20.5</i>	<i>0.0</i>	<i>-20.5</i>

Notes:

- 1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
 2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.
 3 - Water quality parameters were not recorded during the 7/31/23 performance monitoring sample collection. Water quality parameters were collected on 8/2/23.
 4 - Temperature measurements from 8/30/23 are considerably lower than expected and have been excluded from statistical calculations.
 J - Analyte detected. Reported value may not be accurate or precise.

DO - dissolved oxygen

mg/L - milligrams per liter

SU - standard units

NTU - nephelometric turbidity units

µS/cm - microSiemens per centimeter

TSS - total suspended solids

Table 2-6B
FTC Water Quality Data - Seep B
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/14/2023	7.4	7.4	0.0	7.61	8.05	0.50	290	370	80	24.1	23.7	0.0	283.29	10.27	-273.02	24	<1.1	-24
8/2/2023	7.9	8.1	0.2	7.33	7.61	0.30	317	299	-18	23.9	23.8	0.0	30.09	3.81	-26.28	4.4	<1.1	-4
8/14/2023	0.0	0.0	0.0	7.69	7.81	0.10	461	443	-18	26.6	26.1	-1.0	108.98	10.77	-98.21	70	7.6	-62
8/30/2023 ^[4]	8.6	8.5	-0.1	7.95	7.94	-0.10	385	392	7	9.6	9.2	-1.0	231.20	11.17	-220.03	22	1.2 J	-21
9/15/2023	6.6	6.3	-0.3	7.40	7.93	0.50	265	250	-15	24.1	23.9	0.0	20.96	4.95	-16.01	4.8	1.2 J	-3.6
9/23/2023	5.7	5.6	-0.1	7.44	7.59	0.20	320	268	-52	21.5	21.5	-1.0	41.31	5.75	-35.56	38	<1.1	-38
<i>Average</i>	<i>6.0</i>	<i>6.0</i>	<i>0.0</i>	<i>7.57</i>	<i>7.82</i>	<i>0.20</i>	<i>339.6</i>	<i>337.1</i>	<i>-2.5</i>	<i>24.0</i>	<i>23.8</i>	<i>-0.2</i>	<i>119.3</i>	<i>7.8</i>	<i>-111.5</i>	<i>27</i>	<i>1.7</i>	<i>-25.5</i>
<i>Median</i>	<i>7.0</i>	<i>6.8</i>	<i>-0.2</i>	<i>7.53</i>	<i>7.87</i>	<i>0.40</i>	<i>318.2</i>	<i>334.4</i>	<i>16.2</i>	<i>24.1</i>	<i>23.8</i>	<i>-0.3</i>	<i>75.1</i>	<i>8.0</i>	<i>-67.1</i>	<i>23</i>	<i>0.6</i>	<i>-22.4</i>

Notes:

- 1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
 - 2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.
 - 3 - Water quality parameters were not recorded during the 7/31/23 performance monitoring sample collection. Water quality parameters were collected on 8/2/23.
 - 4 - Temperature measurements from 8/30/23 are considerably lower than expected and have been excluded from statistical calculations.
- J - Analyte detected. Reported value may not be accurate or precise.

DO - dissolved oxygen

mg/L - milligrams per liter

SU - standard units

NTU - nephelometric turbidity units

µS/cm - microSiemens per centimeter

TSS - total suspended solids

Table 2-6C
FTC Water Quality Data - Seep C
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/14/2023	6.9	6.3	-0.6	7.98	8.24	0.20	262	288	26	23.5	23.9	0.0	389.31	45.85	-343.46	19	1.6 J	-17
8/2/2023	5.5	6.6	1.1	7.75	8.19	0.40	308	252	-56	23.6	23.4	-1.0	103.87	1.75	-102.12	69	1.6 J	-67
8/14/2023	0.0	0.0	0.0	7.85	8.08	0.20	440	440	0	27.2	26.9	0.0	107.02	0.00	-107.02	4.4	<1.1	-4
8/30/2023 ^[4]	7.8	8.6	0.8	8.30	8.52	0.20	234	343	109	10.5	10.0	-1.0	687.80	45.82	-641.98	230	<1.1	-230
9/15/2023	5.9	6.6	0.7	8.03	8.22	0.20	314	293	-21	24.9	24.4	-1.0	25.03	6.90	-18.13	4.0	<1.1	-4
9/19/2023	6.0	6.4	0.4	7.59	7.73	0.10	861	705	-156	25.7	25.6	0.0	1.25	245.00	243.75	67	<1.1	-67
9/23/2023	5.3	5.7	0.4	7.76	7.89	0.10	266	285	19	21.6	21.6	0.0	152.57	1.33	-151.24	12	<1.1	-12
<i>Average</i>	<i>5.4</i>	<i>5.7</i>	<i>0.3</i>	<i>7.89</i>	<i>8.12</i>	<i>0.20</i>	<i>384</i>	<i>372</i>	<i>-11</i>	<i>24.4</i>	<i>24.3</i>	<i>-0.1</i>	<i>209.6</i>	<i>49.5</i>	<i>-160.1</i>	<i>58</i>	<i>0.46</i>	<i>-57</i>
<i>Median</i>	<i>5.9</i>	<i>6.4</i>	<i>0.5</i>	<i>7.85</i>	<i>8.19</i>	<i>0.30</i>	<i>308</i>	<i>293</i>	<i>-15</i>	<i>24.2</i>	<i>24.1</i>	<i>-0.1</i>	<i>107.0</i>	<i>6.9</i>	<i>-100.1</i>	<i>19</i>	<i>0.00</i>	<i>-19</i>

Notes:

- 1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
- 2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.
- 3 - Water quality parameters were not recorded during the 7/31/23 performance monitoring sample collection. Water quality parameters were collected on 8/2/23.
- 4 - Temperature measurements from 8/30/23 are considerably lower than expected and have been excluded from statistical calculations.

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

DO - dissolved oxygen

mg/L - milligrams per liter

SU - standard units

NTU - nephelometric turbidity units

µS/cm - microSiemens per centimeter

TSS - total suspended solids

Table 2-6D
FTC Water Quality Data - Seep D
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/14/2023	6.0	5.7	-0.3	8.04	7.57	-0.40	227	255	28	23.6	23.3	-1.0	36.47	1.16	-35.31	8.0	2.4 J	-6
8/2/2023	7.4	6.5	-0.9	7.94	7.67	-0.20	180	271	91	23.8	23.6	0.0	121.48	4.31	-117.17	20	2.4 J	-18
8/14/2023	0.0	0.0	0.0	7.75	7.59	-0.20	279	348	69	26.9	26.2	-1.0	0.00	0.00	0.00	11	1.2 J	-10
8/30/2023 ^[4]	9.0	8.9	-0.1	8.12	7.65	-0.40	246	436	190	9.4	9.4	0.0	84.44	9.41	-75.03	20	<1.1	-20
9/15/2023	6.4	6.3	-0.1	7.92	7.77	-0.10	189	238	49	24.3	24.2	0.0	4.26	0.00	-4.26	8.0	1.2 J	-7
9/23/2023	5.6	4.3	-1.3	7.82	7.47	-0.30	174	20	-154	21.6	21.7	0.0	29.23	2.58	-26.65	8.8	1.2	-7.6
<i>Average</i>	<i>5.7</i>	<i>5.3</i>	<i>-0.4</i>	<i>7.93</i>	<i>7.62</i>	<i>-0.30</i>	<i>215.8</i>	<i>261.4</i>	<i>45.6</i>	<i>24.0</i>	<i>23.8</i>	<i>-0.2</i>	<i>46.0</i>	<i>2.9</i>	<i>-43.1</i>	<i>12.6</i>	<i>1.4</i>	<i>-11.2</i>
<i>Median</i>	<i>6.2</i>	<i>6.0</i>	<i>-0.2</i>	<i>7.93</i>	<i>7.62</i>	<i>-0.30</i>	<i>207.9</i>	<i>263.3</i>	<i>55.4</i>	<i>23.8</i>	<i>23.6</i>	<i>-0.2</i>	<i>32.9</i>	<i>1.9</i>	<i>-31.0</i>	<i>9.9</i>	<i>1.2</i>	<i>-8.7</i>

Notes:

- 1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
 - 2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.
 - 3 - Water quality parameters were not recorded during the 7/31/23 performance monitoring sample collection. Water quality parameters were collected on 8/2/23.
 - 4 - Temperature measurements from 8/30/23 are considerably lower than expected and have been excluded from statistical calculations.
- J - Analyte detected. Reported value may not be accurate or precise.

DO - dissolved oxygen

mg/L - milligrams per liter

SU - standard units

NTU - nephelometric turbidity units

µS/cm - microSiemens per centimeter

TSS - total suspended solids

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
Prior Total	1,249,775	266,943	678,031	120,084	86,751	2,401,584	2,083,082	
7/1/2023	1,274,796	266,943	708,382	122,381	86,999	2,459,502	0	2,083,082
7/2/2023	1,302,388	266,943	713,007	126,048	88,488	2,496,875	0	2,083,082
7/3/2023	1,302,388	300,123	713,007	128,500	88,823	2,532,841	0	2,083,082
7/4/2023	1,327,911	300,123	713,007	129,677	89,112	2,559,830	0	2,083,082
7/5/2023	1,370,517	300,123	745,179	135,644	93,496	2,644,958	0	2,083,082
7/6/2023	1,607,303	338,274	823,306	146,358	105,205	3,020,445	60,383	2,143,465
7/7/2023	1,607,303	338,274	823,306	148,663	107,317	3,024,862	351,389	2,494,854
7/8/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	130,051	2,624,904
7/9/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	66,744	2,691,648
7/10/2023	1,671,669	371,449	875,410	156,862	117,221	3,192,611	91,504	2,783,152
7/11/2023	1,697,781	371,449	875,410	157,964	117,787	3,220,392	129,888	2,913,041
7/12/2023	1,697,781	371,449	875,410	159,074	118,098	3,221,811	140,379	3,053,420
7/13/2023	1,723,609	371,449	913,885	161,355	118,427	3,288,724	143,727	3,197,147
7/14/2023	1,754,261	371,449	948,410	166,221	Not Available	3,240,341	144,433	3,341,580
7/15/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	215,125	3,556,705
7/16/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	217,826	3,774,531
7/17/2023	1,891,784	404,417	1,010,353	172,924	Not Available	3,479,479	215,896	3,990,427
7/18/2023	1,891,784	404,417	1,049,062	174,180	Not Available	3,519,443	213,257	4,203,684
7/19/2023	1,891,784	404,417	1,049,062	178,580	134,740	3,658,582	84,565	4,288,249
7/20/2023	1,891,784	404,417	1,049,062	178,580	134,998	3,658,841	37	4,288,287
7/21/2023	2,327,341	498,478	1,286,632	227,243	165,785	4,505,479	51,766	4,340,053
7/22/2023	2,327,341	498,478	1,286,632	230,050	165,926	4,508,427	52	4,340,105
7/23/2023	2,360,522	498,478	1,286,632	231,510	166,059	4,543,201	23,978	4,364,084
7/24/2023	2,360,522	539,075	1,286,632	234,403	166,182	4,586,814	27,657	4,391,741
7/25/2023	2,393,351	539,075	1,286,632	235,926	166,285	4,621,269	21,514	4,413,255
7/26/2023	2,393,351	539,075	1,286,632	237,415	166,343	4,622,816	30,442	4,443,697
7/27/2023	2,424,467	539,075	1,286,632	240,282	166,415	4,656,871	19	4,443,716
7/28/2023	2,424,467	539,075	1,286,632	244,329	166,479	4,660,982	24,725	4,468,441
7/29/2023	2,424,467	539,075	1,286,632	245,680	166,524	4,662,378	1,664	4,470,105
7/30/2023	2,455,444	539,075	1,286,632	247,162	166,571	4,694,884	18,010	4,488,115
7/31/2023	2,455,444	539,075	1,286,632	248,612	166,614	4,696,377	9,735	4,497,850
July Total	1,205,669	272,132	608,601	128,528	79,863	2,294,793	2,414,768	

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
8/1/2023	2,486,220	539,075	1,286,632	250,129	166,655	4,728,711	1	4,497,850
8/2/2023	2,486,220	539,075	1,286,632	251,587	166,659	4,730,173	26,513	4,524,363
8/3/2023	2,486,220	539,075	1,334,603	253,107	166,683	4,779,688	43,221	4,567,584
8/4/2023	2,560,079	580,169	1,354,331	253,107	170,203	4,917,889	56,302	4,623,886
8/5/2023	2,560,079	580,169	1,354,331	253,107	170,710	4,918,396	121,841	4,745,727
8/6/2023	2,591,344	580,169	1,354,331	253,107	171,058	4,950,009	4,956	4,750,684
8/7/2023	2,591,344	580,169	1,354,331	253,107	171,237	4,950,188	25,890	4,776,574
8/8/2023	2,591,344	580,169	1,354,331	227,274	171,326	4,924,444	3,360	4,779,934
8/9/2023	2,591,344	580,169	1,354,331	230,115	171,385	4,927,344	0	4,779,934
8/10/2023	2,622,534	580,169	1,394,584	231,581	171,450	5,000,318	5,749	4,785,683
8/11/2023	2,622,534	580,169	1,394,584	233,091	171,546	5,001,924	75,820	4,861,503
8/12/2023	2,622,534	580,169	1,394,584	234,566	171,617	5,003,470	0	4,861,503
8/13/2023	2,622,534	580,169	1,394,584	235,990	171,645	5,004,922	0	4,861,503
8/14/2023	2,670,200	580,169	1,411,628	239,449	171,697	5,073,143	9,058	4,870,561
8/15/2023	2,670,200	580,169	1,411,628	240,837	171,763	5,074,597	72,817	4,943,379
8/16/2023	2,701,319	580,169	1,411,628	243,519	171,801	5,108,436	36,163	4,979,541
8/17/2023	2,701,319	580,169	1,411,628	244,914	171,841	5,109,871	46,344	5,025,886
8/18/2023	2,732,624	580,169	1,411,628	246,325	171,854	5,142,600	14,629	5,040,515
8/19/2023	2,732,624	620,685	1,411,628	247,706	171,857	5,184,500	11,253	5,051,768
8/20/2023	2,763,881	620,685	1,411,628	249,098	171,861	5,217,153	34,270	5,086,038
8/21/2023	2,763,881	620,685	1,411,628	249,098	171,861	5,217,153	28,065	5,114,103
8/22/2023	2,763,881	620,685	1,411,628	250,504	171,861	5,218,559	0	5,114,103
8/23/2023	2,795,408	620,711	1,411,800	251,941	171,866	5,251,726	20,568	5,134,672
8/24/2023	2,795,408	620,711	1,411,800	253,467	171,866	5,253,252	1,403	5,136,075
8/25/2023	2,825,353	620,712	1,411,800	254,820	171,868	5,284,553	628	5,136,703
8/26/2023	2,825,353	620,712	1,411,800	254,820	171,868	5,284,553	20,111	5,156,814
8/27/2023	2,825,353	620,712	1,411,800	256,156	171,868	5,285,889	0	5,156,814
8/28/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	71,480	5,228,295
8/29/2023	2,999,335	666,721	1,505,208	272,100	171,893	5,615,257	3,595	5,231,890
8/30/2023	3,027,586	666,721	1,505,208	273,530	171,893	5,644,938	224,640	5,456,530
8/31/2023	3,559,893	769,395	1,844,172	326,871	171,893	6,672,224	530,770	5,987,301
August Total	1,104,449	230,320	557,540	78,259	5,279	1,975,847		1,489,451

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
9/1/2023	3,559,893	769,395	1,880,587	329,605	232,744	6,772,224	344,939	6,332,240
9/2/2023	3,588,919	769,395	1,880,587	332,432	233,941	6,805,274	183,480	6,515,720
9/3/2023	3,588,919	769,395	1,929,437	335,432	235,136	6,858,319	152,906	6,668,625
9/4/2023	3,618,341	769,395	1,929,437	336,949	236,059	6,890,181	151,445	6,820,070
9/5/2023	3,618,341	769,395	1,929,437	339,820	237,175	6,894,168	150,612	6,970,682
9/6/2023	3,647,797	769,395	1,929,437	341,285	237,989	6,925,903	149,900	7,120,582
9/7/2023	3,648,225	769,494	1,929,721	344,069	238,730	6,930,239	68,367	7,188,949
9/8/2023	3,677,830	810,029	1,929,721	345,490	239,270	7,002,340	3	7,188,952
9/9/2023	3,677,830	810,029	1,978,339	348,326	239,624	7,054,148	68,102	7,257,054
9/10/2023	3,707,326	810,029	1,978,339	349,663	239,850	7,085,207	53,284	7,310,339
9/11/2023	3,707,326	810,029	1,978,339	351,170	240,018	7,086,882	28,381	7,338,720
9/12/2023	3,707,326	810,029	1,978,339	352,506	240,109	7,088,309	1	7,338,720
9/13/2023	3,737,019	810,029	2,013,314	355,347	241,088	7,156,797	23,177	7,361,898
9/14/2023	3,766,338	810,029	2,014,213	355,348	243,327	7,189,255	76,743	7,438,640
9/15/2023	3,766,338	813,415	2,014,213	358,337	244,321	7,196,624	16,925	7,455,565
9/16/2023	3,795,865	813,415	2,014,213	359,821	244,831	7,228,145	8,694	7,464,259
9/17/2023	3,876,617	813,415	2,064,891	367,099	251,081	7,373,103	15,427	7,479,685
9/18/2023	3,876,617	841,033	2,064,891	367,698	252,364	7,402,603	117,284	7,596,970
9/19/2023	3,907,720	841,033	2,064,891	369,047	252,954	7,435,645	112,437	7,709,407
9/20/2023	3,907,720	841,033	2,064,891	370,491	253,431	7,437,566	34,812	7,744,219
9/21/2023	3,907,720	841,033	2,112,814	370,492	253,758	7,485,817	23,773	7,767,992
9/22/2023	3,938,538	841,033	2,126,771	373,323	254,170	7,533,835	44,200	7,812,191
9/23/2023	3,994,586	841,033	2,145,988	377,682	255,020	7,614,309	112,548	7,924,740
9/24/2023	4,009,988	841,033	2,145,988	379,136	255,129	7,631,274	72,787	7,997,526
9/25/2023	4,009,988	841,033	2,145,988	380,522	271,133	7,648,664	6,477	8,004,003
9/26/2023	4,041,090	881,352	2,145,988	381,902	283,173	7,733,505	18,581	8,022,584
9/27/2023	4,041,090	881,352	2,195,692	383,281	283,274	7,784,689	50,824	8,073,408
9/28/2023	4,071,766	886,356	2,195,692	384,652	296,768	7,835,234	49,635	8,123,043
9/29/2023	4,071,766	886,356	2,214,298	385,829	305,285	7,863,534	31,430	8,154,473
9/30/2023	4,107,032	886,356	2,214,305	387,183	305,590	7,900,466	15,080	8,169,553
10/1/2023	4,107,032	886,356	2,214,308	388,539	347,116	7,943,351	29,805	8,199,358
September Total	547,139	116,961	370,133	60,312	133,697	1,228,242	2,212,057	
Reporting Period Total	2,857,257	619,413	1,536,274	267,099	218,839	5,498,882	6,116,276	

- Notes:
- 1 - Automated data collection via control panels and telemetry from individual Seeps and Weeps capture systems was still under development in this reporting period. Until July 20, totalizer flow data was manually collected from each system and is reported above when available. For August 28, 2023, the flow totalizer information is not available as noted above, though the capture systems were operational.
 - 2 - Flow data from the Surge Pond through the 004 ground water treatment plant (GWTP) is collected and managed by Veolia.
 - 3 - The daily volume conveyed from surge pond to 004 Treatment Plant is recorded on a 24-hour basis, ending daily at 1 pm. For simplicity, the volume totaled through 1 pm is shown as the daily total in this table.

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
BCA-01	Black Creek Aquifer	399779.96	2050662.48	146.25	2	101	91-101
BCA-02	Black Creek Aquifer	396242.02	2051062.07	148.37	2	102	92-102
EW-01	Black Creek Aquifer	401683.69	2049951.04	92.04	6	85	60-80
EW-02	Black Creek Aquifer	401683.61	2050289.26	87.97	6	65	40-60
EW-03	Black Creek Aquifer	401723.50	2050594.78	84.67	6	72	57-67
EW-04	Black Creek Aquifer	401714.92	2050848.03	80.00	6	65	50-60
EW-05	Black Creek Aquifer	401654.63	2051059.46	82.93	6	78	63-73
EW-06	Black Creek Aquifer	401489.44	2051117.72	83.58	6	75	50-70
EW-07	Black Creek Aquifer	401350.61	2051160.78	86.45	6	68	53-63
EW-08	Black Creek Aquifer	401184.55	2051164.30	89.05	6	73	58-68
EW-09	Black Creek Aquifer	401008.87	2051129.57	81.08	6	65	40-60
EW-10	Black Creek Aquifer	400870.94	2051128.67	74.12	6	55	30-50
EW-11	Black Creek Aquifer	400683.82	2051280.71	93.12	6	75	60-70
EW-12	Black Creek Aquifer	400591.86	2051415.21	92.10	6	75	50-70
EW-13	Black Creek Aquifer	400527.75	2051513.14	87.95	6	79	54-74
EW-14	Black Creek Aquifer	400375.11	2051570.80	82.23	6	62	47-57
EW-15	Black Creek Aquifer	400223.63	2051556.86	77.23	6	53	38-48
EW-16	Black Creek Aquifer	400042.92	2051489.09	88.11	6	65	50-60
EW-17	Black Creek Aquifer	399975.22	2051517.08	87.84	6	65	40-60
EW-18	Surficial Aquifer	399828.16	2051586.65	74.56	6	30	15-25
EW-19	Black Creek Aquifer	399819.25	2051590.67	74.65	6	51	36-46
EW-20	Surficial Aquifer	399696.08	2051667.78	78.48	6	30	15-25
EW-21	Black Creek Aquifer	399549.59	2051687.61	84.66	6	62	47-57
EW-22	Surficial Aquifer	399298.40	2051754.69	82.54	6	37	22-32
EW-23	Black Creek Aquifer	399289.65	2051759.07	83.05	6	70	45-65
EW-24	Surficial Aquifer	399105.96	2051845.20	83.63	6	31	16-26
EW-25	Black Creek Aquifer	399097.14	2051848.27	83.44	6	75	60-70
EW-26S	Surficial Aquifer	398992.13	2051869.73	83.50	6	30	15-25
EW-27	Surficial Aquifer	398883.14	2051881.19	85.81	6	33	18-28
EW-28	Black Creek Aquifer	398873.71	2051882.01	85.83	6	55	40-50
EW-29	Surficial Aquifer	398743.82	2051874.08	80.62	6	34	19-29
EW-30	Black Creek Aquifer	398733.15	2051872.90	82.01	6	80	55-75
EW-31	Surficial Aquifer	398619.06	2051860.80	80.84	6	33	18-28
EW-32	Black Creek Aquifer	398606.76	2051858.39	81.55	6	53	38-48
EW-33	Surficial Aquifer	398413.39	2051843.45	78.32	6	25	10-20
EW-34	Black Creek Aquifer	398403.44	2051844.29	77.11	6	75	40-70
EW-35	Surficial Aquifer	398342.37	2051862.99	74.44	6	18	8-13
EW-36	Black Creek Aquifer	398333.72	2051867.55	73.98	6	73	38-48, 58-68
EW-37	Surficial Aquifer	398234.57	2051923.02	74.03	6	54	39-49
EW-38	Black Creek Aquifer	398229.45	2051926.24	74.19	6	80	55-75
EW-39	Surficial Aquifer	398113.89	2051992.69	77.19	6	21	6-16
EW-40	Black Creek Aquifer	398104.84	2051997.57	77.00	6	85	60-80

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Extraction and Observation Well Construction Details
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 Chemours Fayetteville Works
 Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
EW-41	Black Creek Aquifer	397944.33	2052019.70	84.99	6	75	50-70
EW-42	Black Creek Aquifer	397792.20	2052011.87	81.93	6	74	49-69
EW-43	Black Creek Aquifer	397657.42	2052005.16	81.80	6	76	51-71
EW-44	Surficial Aquifer	397520.77	2051997.72	75.22	6	18	8-13
EW-45	Black Creek Aquifer	397511.10	2051997.30	75.33	6	71	46-66
EW-46	Surficial Aquifer	397374.10	2051993.17	74.94	6	32	17-27
EW-47	Black Creek Aquifer	397364.92	2051992.87	75.02	6	68	43-63
EW-48	Surficial Aquifer	397290.64	2052028.52	79.87	6	31	16-26
EW-49	Black Creek Aquifer	397282.27	2052032.79	79.65	6	79	54-74
EW-50	Surficial Aquifer	397105.59	2052107.53	77.80	6	30	15-25
EW-51	Black Creek Aquifer	397096.10	2052109.76	78.36	6	70	45-65
EW-52	Black Creek Aquifer	396902.85	2052151.05	75.84	6	70	45-65
EW-53	Black Creek Aquifer	396713.03	2052190.03	76.33	6	67	42-62
EW-54	Black Creek Aquifer	396559.35	2052223.00	75.31	6	65	40-60
EW-55	Black Creek Aquifer	396358.87	2052225.92	86.59	6	80	55-75
EW-56	Black Creek Aquifer	396173.96	2052249.38	79.69	6	71	46-66
EW-57	Black Creek Aquifer	395992.47	2052247.52	84.92	6	70	45-65
EW-58	Black Creek Aquifer	395810.15	2052290.53	74.69	6	65	40-60
EW-60	Black Creek Aquifer	395425.21	2052313.29	77.65	6	68	43-63
EW-61	Black Creek Aquifer	395283.80	2052271.16	78.46	6	75	50-70
EW-62	Black Creek Aquifer	395170.54	2052195.07	83.12	6	65	40-60
EW-63	Black Creek Aquifer	395055.17	2052033.12	122.53	6	103	88-98
EW-64	Black Creek Aquifer	394924.16	2051976.78	121.67	6	85	60-80
EW-65	Black Creek Aquifer	394819.93	2051918.54	116.36	6	75	50-70
EW-66	Black Creek Aquifer	394823.51	2051780.19	115.77	6	101	76-96
EW-67	Black Creek Aquifer	394780.57	2051655.69	103.22	6	98	73-93
EW-68	Black Creek Aquifer	394728.65	2051563.34	96.82	6	92	67-87
EW-69	Black Creek Aquifer	394649.04	2051478.42	87.55	6	85	60-80
LTW-02	Black Creek Aquifer	398847.57	2052355.48	51.39	2	38	28-38
LTW-03	Floodplain Deposits	398114.45	2052558.35	51.75	2	30	15-30
LTW-05	Black Creek Aquifer	396430.31	2052740.40	50.94	2	44	29-44
NAF-11B	Surficial Aquifer	398911.13	2050995.88	140.74	2	44	33.5-43.5
OW-02	Black Creek Aquifer	398572.28	2051801.62	84.37	2	73	63-73
OW-03	Black Creek Aquifer	398601.08	2051812.32	84.64	2	73	63-73
OW-04	Black Creek Aquifer	395049.16	2052210.81	80.85	2	57	47-57
OW-04R	Black Creek Aquifer	394990.53	2052236.29	80.03	2	61	51-61
OW-07	Black Creek Aquifer	397180.06	2052052.69	81.45	2	67	57-67
OW-08	Black Creek Aquifer	397202.33	2052041.98	82.30	2	67	57-67
OW-09	Black Creek Aquifer	395075.14	2052211.07	79.78	2	64	54-64
OW-09R	Black Creek Aquifer	395001.93	2052252.38	78.53	2	65	55-65
OW-11	Black Creek Aquifer	401683.39	2049913.61	94.92	1	84	74-84
OW-12	Black Creek Aquifer	401731.33	2050721.09	83.65	1	60	50-60
OW-13	Black Creek Aquifer	400769.33	2051210.62	85.12	1	60	50-60
OW-14	Black Creek Aquifer	400311.42	2051608.03	80.67	1	56	46-56
OW-15	Black Creek Aquifer	399719.91	2051608.62	87.86	1	44	34-44

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WELL ID	TARGET AQUIFER	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
OW-16	Black Creek Aquifer	399828.66	2051993.25	52.94	1	25	15-25
OW-17	Black Creek Aquifer	399433.03	2051661.47	89.67	1	68	58-68
OW-18	Black Creek Aquifer	398846.69	2051836.19	90.88	1	55	45-55
OW-19	Black Creek Aquifer	398067.23	2051976.50	86.68	1	80	70-80
OW-20	Black Creek Aquifer	398229.85	2052080.86	69.59	1	58	48-58
OW-21	Black Creek Aquifer	397521.83	2051950.75	80.85	1	67	57-67
OW-22	Black Creek Aquifer	397325.34	2052218.74	66.63	1	53	43-53
OW-23	Black Creek Aquifer	396776.73	2052355.66	67.83	1	55	45-55
OW-24	Black Creek Aquifer	396677.42	2052158.17	78.67	1	60	50-60
OW-25	Black Creek Aquifer	396182.38	2052428.46	70.91	1	55	45-55
OW-26	Black Creek Aquifer	395503.74	2052268.81	80.85	1	60	50-60
OW-27	Black Creek Aquifer	395555.17	2052622.16	55.6	1	43	33-43
OW-28	Black Creek Aquifer	395570.57	2052838.21	48.49	2	30	20-30
OW-29	Black Creek Aquifer	395193.45	2052143.81	85.67	1	52	42-52
OW-30	Black Creek Aquifer	394988.72	2052537.53	70.92	2	59	49-59
OW-31	Black Creek Aquifer	394812.07	2051595.90	106.1	1	95	85-95
OW-32	Black Creek Aquifer	394563.76	2051792.16	85.05	2	72	62-72
OW-33	Black Creek Aquifer	395116.90	2052806.54	48.59	2	29	19-29
OW-34	Surficial Aquifer	398593.54	2051813.31	83.76	1	33	23-33
OW-35	Surficial Aquifer	398060.78	2051977.75	87.45	1	30	20-30
OW-36	Surficial Aquifer	397257.46	2051997.45	80.61	1	21	11-21
OW-37	Surficial Aquifer	396154.99	2052264.10	77.82	2	35	25-35
OW-38	Black Creek Aquifer	394885.22	2051883.97	123.7	1	70	60-70
OW-39	Black Creek Aquifer	394728.70	2052105.68	92.07	2	78	68-78
OW-40	Black Creek Aquifer	394588.05	2052521.39	72.88	2	59	49-59
OW-41	Black Creek Aquifer	401683.74	2050119.92	93.66	1	92	82-92
OW-42	Black Creek Aquifer	401696.05	2050448.24	87.37	1	68	58-68
OW-43	Black Creek Aquifer	400937.73	2051116.17	76.94	1	50	40-50
OW-44	Black Creek Aquifer	399741.48	2051736.45	73.18	1	44	34-44
OW-45	Black Creek Aquifer	398836.07	2051955.99	77.1	1	60	50-60
OW-46	Black Creek Aquifer	398164.94	2052050.69	72.05	1	69	59-69
OW-47	Black Creek Aquifer	397243.89	2052136.32	71.47	1	59	49-59
OW-48	Black Creek Aquifer	396698.39	2052275.93	69.54	1	52	42-52
OW-49	Black Creek Aquifer	396180.56	2052348.51	79.56	1	63	53-63
OW-50	Black Creek Aquifer	395529.59	2052379.97	71.53	1	53	43-53
OW-51	Black Creek Aquifer	396166.08	2052262.14	77.72	2	66	56-66
OW-52	Black Creek Aquifer	397562.30	2052151.03	60.66	2	47	37-47
OW-53	Black Creek Aquifer	Not Yet Surveyed			2	68	56-66
OW-54	Black Creek Aquifer	401068.86	2051275.96	47.42	2	12	7-12
OW-55	Black Creek Aquifer	401761.92	2050875.02	75.45	2	58	43-58
OW-56	Black Creek Aquifer	401983.45	2050634.71	44.69	2	12	7-12
OW-57	Black Creek Aquifer	401781.20	2050174.65	68.87	2	43	33-43
PIW-10DR	Black Creek Aquifer	395093.99	2052297.30	75.91	2	58	53-58
PIW-11	Black Creek Aquifer	401911.03	2050416.29	67.02	2	57	47-57
PIW-12	Black Creek Aquifer	401703.10	2051025.77	83.78	2	74	64-74

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WELL ID	TARGET AQUIFER	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
PIW-13	Black Creek Aquifer	401464.29	2051122.60	83.18	2	64	54-64
PIW-14	Black Creek Aquifer	401163.98	2051186.57	87.43	2	66	56-66
PIW-15	Black Creek Aquifer	400706.51	2051532.80	67.85	2	44	34-44
PIW-1D	Black Creek Aquifer	400548.00	2051801.28	52.16	2	30	24.5-29.5
PIW-2D	Black Creek Aquifer	399925.40	2051315.80	96.19	2	50	40-50
PIW-3D	Black Creek Aquifer	399711.25	2052086.94	53.42	2	24	19-24
PIW-4D	Black Creek Aquifer	398816.52	2052101.94	52.85	2	37	32.3-37.3
PIW-5S	Surficial Aquifer	398519.70	2051950.49	75.02	2	19.8	9.8-19.8
PIW-5SR	Surficial Aquifer	Well Casing Shortened; To Be Surveyed Again			2	25	15-25
PIW-7D	Black Creek Aquifer	396787.77	2052595.65	48.93	2	34	29-34
PIW-7S	Floodplain Deposits	396786.97	2052589.10	47.97	2	17	7-17
PW-02	Surficial Aquifer	399779.06	2050649.47	146.43	2	60	50-60
PW-03	Surficial Aquifer	397339.81	2050765.32	147.97	2	45	35-45
PW-04	Surficial Aquifer	394659.55	2050940.66	97.75	2	27	17-27
PW-10R	Black Creek Aquifer	398516.12	2051936.59	75.90	2	67	57-67
PW-10RR	Black Creek Aquifer	Well Casing Shortened; To Be Surveyed Again			2	71	61-71
PW-11	Black Creek Aquifer	394354.36	2052226.72	73.26	2	64	53-63
PW-14	Black Creek Aquifer	397325.65	2050766.36	147.97	2	146	136-146
PW-15R	Black Creek Aquifer	398900.88	2051011.75	136.14	2	120	110-120
PZ-22	Black Creek Aquifer	397271.94	2052585.34	50.70	1	48	42.5-47.5
SMW-03B	Black Creek Aquifer	399785.75	2049421.54	150.43	2	82	72-82
SMW-09	Surficial Aquifer	401076.89	2050017.41	141.43	2	62	52-62
SMW-12	Black Creek Aquifer	401314.20	2051007.22	118.22	2	98	88-98

Notes:

1 - This table provides well construction details for the wells included under the Performance Monitoring Plan (PMP). It is not comprehensive to the entire well network at the Site.

2 - At one drilling location, EW-59, Black Creek aquifer material was not encountered, therefore there was not a suitable interval to install the well screen. This borehole was abandoned prior to well installation.

3 - Well casings for PIW-5SR and PW-10RR were shortened on October 12, 2023 to adjust for nearby grading activities.

BGS - below ground surface

EW - extraction well

NAD83 - North American Datum of 1983

NAVD88 - North American Vertical Datum of 1988

OW - observation well

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
Prior Total	N/A	91,990,363
7/1/2023	468	92,669,987
7/2/2023	468	93,348,587
7/3/2023	443	93,990,139
7/4/2023	460	94,658,387
7/5/2023	459	95,324,987
7/6/2023	469	96,005,419
7/7/2023	459	96,670,011
7/8/2023	463	97,342,667
7/9/2023	463	98,015,115
7/10/2023	461	98,682,811
7/11/2023	462	99,353,291
7/12/2023	461	100,022,915
7/13/2023	437	100,659,667
7/14/2023	397	101,317,115
7/15/2023	448	101,966,891
7/16/2023	453	102,626,291
7/17/2023	448	103,276,891
7/18/2023	432	103,921,115
7/19/2023	455	104,581,067
7/20/2023	458	105,242,811
7/21/2023	458	105,905,691
7/22/2023	454	106,563,387
7/23/2023	442	107,204,563
7/24/2023	450	107,856,267
7/25/2023	450	108,508,563
7/26/2023	449	109,158,467
7/27/2023	447	109,807,067
7/28/2023	448	110,456,139
7/29/2023	443	111,098,067
7/30/2023	443	111,739,739
7/31/2023	442	112,380,243
July Total	N/A	20,389,880

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
8/1/2023	442	113,019,019
8/2/2023	435	113,656,411
8/3/2023	441	114,295,163
8/4/2023	441	114,935,715
8/5/2023	437	115,574,515
8/6/2023	436	116,211,611
8/7/2023	440	116,851,611
8/8/2023	428	117,477,019
8/9/2023	423	118,091,315
8/10/2023	432	118,717,187
8/11/2023	427	119,335,611
8/12/2023	428	119,956,187
8/13/2023	419	120,562,411
8/14/2023	409	121,156,619
8/15/2023	420	121,765,091
8/16/2023	414	122,366,563
8/17/2023	424	122,980,411
8/18/2023	414	123,582,963
8/20/2023	402	124,760,115
8/21/2023	407	125,348,811
8/22/2023	380	125,898,443
8/23/2023	340	126,390,267
8/24/2023	341	126,882,563
8/25/2023	340	127,375,291
8/26/2023	341	127,868,115
8/27/2023	341	128,360,915
8/28/2023	298	128,792,963
8/29/2023	330	129,270,011
8/30/2023	310	129,705,139
8/31/2023	310	130,161,243
August Total	N/A	17,781,000

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
9/1/2023	327	130,639,563
9/2/2023	340	131,130,891
9/3/2023	339	131,622,867
9/4/2023	338	132,113,043
9/5/2023	339	132,602,011
9/6/2023	334	133,086,115
9/7/2023	340	133,578,243
9/8/2023	339	134,069,963
9/9/2023	340	134,561,715
9/10/2023	340	135,053,715
9/11/2023	315	135,513,043
9/12/2023	310	135,966,187
9/13/2023	317	136,424,643
9/14/2023	313	136,882,411
9/15/2023	321	137,349,035
9/16/2023	335	137,834,715
9/17/2023	334	138,321,307
9/18/2023	338	138,811,019
9/19/2023	292	139,231,771
9/20/2023	338	139,720,859
9/21/2023	339	140,212,219
9/22/2023	339	140,704,667
9/23/2023	344	141,204,635
9/24/2023	342	141,699,787
9/25/2023	342	142,195,547
9/26/2023	343	142,693,307
9/27/2023	345	143,192,491
9/28/2023	345	143,691,867
9/29/2023	345	144,190,715
9/30/2023	344	144,689,291
September Total	N/A	14,528,048
Reporting Period Total	N/A	52,698,928

Notes:

- 1 - Flow rate measurements are collected by the manifold flow meter every 15 minutes.
 - 2 - The cumulative volume extracted is recorded by the GWEC system flow totalizer.
 - 3 - The monthly and reporting period totals are not applicable (N/A) for flow rate values.
- GWEC - Groundwater Extraction and Conveyance
 gpm - gallons per minute

Table 4-3
Extraction Well Flow Data
 Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Average Extraction Flow Rate (gpm)			Total Volume (gal)			
	July	August	September	July	August	September	Total Reporting Period
Willis Creek (Northern Alignment)							
EW-01	12.82	12.72	12.75	572,097	567,831	550,860	1,690,788
EW-02	7.89	7.21	5.88	352,039	321,994	254,042	928,075
EW-03	1.39	1.07	1.52	61,879	47,734	65,511	175,123
EW-04	0.30	0.37	0.50	13,570	16,469	21,583	51,622
EW-05	13.81	13.11	12.11	616,377	585,425	523,265	1,725,067
EW-06	10.85	9.04	7.84	484,328	403,716	338,858	1,226,903
EW-07	0.67	0.64	1.15	29,756	28,700	49,796	108,252
EW-08	4.92	2.21	0.00	219,490	98,680	0	318,170
EW-09	0.00	0.00	0.00	0	0	0	0
EW-10	0.01	0.23	0.49	359	10,451	21,295	32,105
EW-11	0.00	0.00	0.00	0	0	0	0
EW-12	0.79	0.03	0.09	35,284	1,374	3,876	40,535
EW-13	0.60	0.42	0.18	26,640	18,714	7,715	53,069
EW-14	4.87	0.45	0.00	217,260	20,028	0	237,288
EW-15	0.00	0.00	0.00	0	0	0	0
Average Northern Alignment EW	3.93	3.17	2.83	N/A	N/A	N/A	N/A
Barrier Wall (Southern Alignment)							
EW-16	1.98	3.93	3.15	88,387	175,418	136,015	399,820
EW-17	1.73	1.15	1.87	77,428	51,390	80,859	209,678
EW-18	0.92	0.99	1.01	41,154	44,300	43,416	128,871
EW-19	0.00	0.00	0.00	0	0	0	0
EW-20	0.33	0.27	0.28	14,769	12,019	11,906	38,694
EW-21	0.00	0.00	0.00	0	0	0	0
EW-22	6.89	6.90	6.86	307,750	308,004	296,540	912,294
EW-23	0.00	0.00	0.00	0	0	0	0
EW-24	2.21	2.40	2.89	98,767	107,302	124,695	330,764
EW-25	0.08	3.36	3.29	3,561	149,768	142,343	295,672
EW-26S	4.93	4.16	2.94	220,171	185,727	127,143	533,040
EW-27	6.42	5.95	4.90	286,385	265,689	211,871	763,945
EW-28	0.74	0.72	0.72	32,841	32,109	31,150	96,100
EW-29	4.44	4.43	4.41	198,297	197,618	190,701	586,616
EW-30	5.81	4.40	3.92	259,495	196,276	169,514	625,286
EW-31	7.90	7.90	7.85	352,475	352,558	338,972	1,044,005
EW-32	0.20	0.35	1.09	8,726	15,659	46,932	71,317
EW-33	1.68	1.71	1.60	75,211	76,503	69,110	220,823
EW-34	12.78	8.45	5.05	570,391	376,992	218,021	1,165,405
EW-35	0.00	0.00	0.00	0	0	0	0
EW-36	14.81	12.63	6.71	660,909	563,799	289,810	1,514,518
EW-37	0.73	0.01	0.04	32,459	283	1,611	34,352
EW-38	16.68	15.30	16.48	744,444	682,782	712,141	2,139,367
EW-39	1.64	1.50	1.60	73,328	66,932	69,091	209,351
EW-40	19.72	19.71	19.62	880,345	879,918	847,409	2,607,672
EW-41	15.40	11.38	5.88	687,615	508,125	254,107	1,449,847
EW-42	11.35	8.14	5.82	506,745	363,215	251,272	1,121,231
EW-43	11.18	7.23	4.90	499,209	322,681	211,698	1,033,588
EW-44	0.00	0.00	0.00	0	0	0	0
EW-45	15.05	11.30	5.88	671,733	504,452	254,050	1,430,235
EW-46	0.00	0.00	0.00	0	0	0	0
EW-47	13.67	10.57	4.48	610,273	471,647	193,495	1,275,414
EW-48	1.17	1.21	0.45	52,309	53,890	19,539	125,738
EW-49	16.79	11.70	5.46	749,294	522,368	235,912	1,507,574
EW-50	2.47	2.44	2.15	110,262	109,026	92,762	312,050
EW-51	7.88	5.07	3.92	351,732	226,442	169,392	747,566
EW-52	12.49	9.89	5.88	557,612	441,483	254,025	1,253,120
EW-53	0.07	0.00	0.38	3,206	0	16,265	19,471
EW-54	7.02	3.98	1.44	313,343	177,695	62,147	553,185
EW-55	7.90	6.60	3.80	352,568	294,750	164,190	811,507
EW-56	12.69	9.18	5.93	566,575	409,698	256,302	1,232,574
EW-57	0.00	0.04	0.04	78	1,858	1,525	3,461
EW-58	1.74	1.74	1.67	77,660	77,733	72,354	227,747
EW-60	3.32	1.95	0.26	148,111	87,010	11,295	246,416

Table 4-3
Extraction Well Flow Data
 Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Average Extraction Flow Rate (gpm)			Total Volume (gal)			
	July	August	September	July	August	September	Total Reporting Period
EW-61	3.33	3.40	3.15	148,511	151,966	136,043	436,520
EW-62	5.92	5.84	5.92	264,121	260,869	255,808	780,797
EW-63	13.03	12.15	10.88	581,860	542,464	469,870	1,594,193
EW-64	0.00	0.00	0.00	0	0	0	0
EW-65	0.46	0.52	0.60	20,485	23,073	25,806	69,364
EW-66	19.76	18.07	14.79	882,101	806,685	639,081	2,327,867
EW-67	31.49	31.35	31.59	1,405,654	1,399,502	1,364,838	4,169,994
EW-68	27.65	27.61	27.63	1,234,102	1,232,305	1,193,696	3,660,102
EW-69	27.61	27.61	27.63	1,232,382	1,232,388	1,193,759	3,658,529
Average Southern Alignment EW	7.21	6.32	5.22	N/A	N/A	N/A	N/A

Notes:

1 - Each well's flowmeter records flow rate every 15 minutes, including instances of no flow for pumps that are cycling as opposed to operating continuously. The calculated monthly average accounts for these instances of no flow. The values above are therefore not necessarily representative of the target flow rate setpoint for each well.

gpm - gallons per minute

gal - gallons

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
Prior Total	N/A	94,509,404	
7/2/2023	448	645,227	95,154,631
7/3/2023	431	619,930	95,774,561
7/4/2023	436	628,211	96,402,772
7/5/2023	440	633,545	97,036,317
7/6/2023	486	700,558	97,736,875
7/7/2023	874	1,258,861	98,995,736
7/8/2023	541	778,695	99,774,431
7/9/2023	493	709,639	100,484,070
7/10/2023	488	703,389	101,187,459
7/11/2023	541	779,712	101,967,171
7/12/2023	525	756,700	102,723,871
7/13/2023	494	710,720	103,434,591
7/14/2023	559	805,312	104,239,903
7/15/2023	567	816,768	105,056,671
7/16/2023	894	1,287,020	106,343,691
7/17/2023	574	825,858	107,169,549
7/18/2023	577	830,435	107,999,984
7/19/2023	488	703,225	108,703,209
7/20/2023	437	629,627	109,332,836
7/21/2023	473	680,546	110,013,382
7/22/2023	443	637,450	110,650,832
7/23/2023	446	641,924	111,292,756
7/24/2023	447	644,280	111,937,036
7/25/2023	440	633,360	112,570,396
7/26/2023	461	663,491	113,233,887
7/27/2023	433	623,933	113,857,820
7/28/2023	443	637,611	114,495,431
7/29/2023	430	619,063	115,114,494
7/30/2023	439	632,145	115,746,639
7/31/2023	428	616,872	116,363,511
July Total	N/A	21,854,107	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
8/1/2023	427	614,551	116,978,062
8/2/2023	440	633,834	117,611,896
8/3/2023	445	641,446	118,253,342
8/4/2023	456	657,177	118,910,519
8/5/2023	508	731,199	119,641,718
8/6/2023	427	614,698	120,256,416
8/7/2023	436	628,517	120,884,933
8/8/2023	428	616,600	121,501,533
8/9/2023	392	563,980	122,065,513
8/10/2023	430	619,870	122,685,383
8/11/2023	466	671,657	123,357,040
8/12/2023	407	586,689	123,943,729
8/13/2023	409	588,783	124,532,512
8/14/2023	393	565,569	125,098,081
8/15/2023	446	641,706	125,739,787
8/16/2023	389	559,576	126,299,363
8/17/2023	431	621,082	126,920,445
8/18/2023	415	597,121	127,517,566
8/19/2023	403	580,428	128,097,994
8/20/2023	407	585,939	128,683,933
8/21/2023	409	589,355	129,273,288
8/22/2023	392	564,731	129,838,019
8/23/2023	344	495,862	130,333,881
8/24/2023	321	462,012	130,795,893
8/25/2023	328	472,456	131,268,349
8/26/2023	340	488,943	131,757,292
8/27/2023	319	459,131	132,216,423
8/28/2023	330	474,638	132,691,061
8/29/2023	334	481,213	133,172,274
8/30/2023	454	653,538	133,825,812
8/31/2023	944	1,359,627	135,185,439
August Total	N/A	18,821,928	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
9/1/2023	562	809,334	135,994,773
9/2/2023	461	663,937	136,658,710
9/3/2023	432	621,521	137,280,231
9/4/2023	436	628,180	137,908,411
9/5/2023	428	615,972	138,524,383
9/6/2023	419	603,932	139,128,315
9/7/2023	368	529,347	139,657,662
9/8/2023	338	486,655	140,144,317
9/9/2023	369	531,938	140,676,255
9/10/2023	363	523,145	141,199,400
9/11/2023	341	491,584	141,690,984
9/12/2023	297	427,833	142,118,817
9/13/2023	319	458,777	142,577,594
9/14/2023	346	497,912	143,075,506
9/15/2023	314	452,704	143,528,210
9/16/2023	321	462,943	143,991,153
9/17/2023	326	468,826	144,459,979
9/18/2023	398	573,128	145,033,107
9/19/2023	342	492,546	145,525,653
9/20/2023	331	477,068	146,002,721
9/21/2023	357	513,550	146,516,271
9/22/2023	349	502,982	147,019,253
9/23/2023	398	572,771	147,592,024
9/24/2023	367	529,127	148,121,151
9/25/2023	328	472,365	148,593,516
9/26/2023	322	464,045	149,057,561
9/27/2023	366	527,690	149,585,251
9/28/2023	353	508,154	150,093,405
9/29/2023	353	508,740	150,602,145
9/30/2023	347	499,688	151,101,833
10/1/2023	345	496,544	151,598,377
September Total	N/A	16,412,938	
Reporting Period Total	N/A	57,088,973	

Notes:

- 1 - The 004 Treatment Plant operational data is collected and managed by Veolia.
- 2 - The monthly and reporting period totals are not applicable (N/A) for flow rate values.
- 3 - The daily volume treated and discharged is recorded on a 24-hour basis, ending daily at 1 pm. For simplicity, the volume totaled through 1 pm is shown as the daily total in this table.

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	004 Influent 004-INF-0723-2 Sample Date: 5-Jul-23	004 Effluent 004-EFF-0723-2 Sample Date: 5-Jul-23	004 Influent 004-INF-0723 Sample Date: 11-Jul-23	004 Effluent 004-EFF-0723 Sample Date: 11-Jul-23	004 Influent 004-INF-0723-4 Sample Date: 18-Jul-23	004 Effluent 004-EFF-0723-4 Sample Date: 18-Jul-23	004 Influent⁴ 004-INF-0723-3 Sample Date: 25-Jul-23	004 Effluent 004-EFF-0723-3 Sample Date: 25-Jul-23
Hfpo Dimer Acid	12,000	<2.0	17,000	<2.0	15,000	<2.0	<2.0	<2.0
PFMOAA	75,000	<2.0	88,000	<2.0	52,000	<2.0	<2.0	<2.0
PFO2HxA	31,000	<2.0	--	--	--	--	--	--
PFO3OA	8,900	<2.0	--	--	--	--	--	--
PFO4DA	2,000	<2.0	--	--	--	--	--	--
PFO5DA	330	<2.0	--	--	--	--	--	--
PMPA	9,900	<10	13,000	<10	9,100	<10	<10	<10
PEPA	2,800	<20	--	--	--	--	--	--
PS Acid	500	<2.0	--	--	--	--	--	--
Hydro-PS Acid	420	<2.0	--	--	--	--	--	--
R-PSDA	1,100 J	<2.0	--	--	--	--	--	--
Hydrolyzed PSDA	11,000 J	<2.0	--	--	--	--	--	--
R-PSDCA	<17	<2.0	--	--	--	--	--	--
NVHOS, Acid Form	950	<2.0	--	--	--	--	--	--
EVE Acid	46	<2.0	--	--	--	--	--	--
Hydro-EVE Acid	720	<2.0	--	--	--	--	--	--
R-EVE	570 J	<2.0	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	--	--	--	--	--	--
PFECA B	<27	<2.0	--	--	--	--	--	--
PFECA-G	<48	<2.0	--	--	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	140,000	ND	--	--	--	--	--	--

Notes:

1 - 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.

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

3 - Total Table 3+ (17 Compounds) is not applicable (N/A) for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).

4 - PFAS indicator compounds were not detected in the 004 Influent sample collected on July 25, 2023. These non-detects are unusual because these compounds have been consistently detected at the 004 Influent. The laboratory reanalyzed the July 25 sample and confirmed the non-detects. The reason for the non-detects is unclear.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

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.

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	004 Influent 004-INF-080123 Sample Date: 1-Aug-23	004 Effluent 004-EFF-080123 Sample Date: 1-Aug-23	004 Influent 004-INF-080823 Sample Date: 8-Aug-23	004 Effluent 004-EFF-080823 Sample Date: 8-Aug-23	004 Influent 004-INF-081523 Sample Date: 15-Aug-23	004 Effluent 004-EFF-081523 Sample Date: 15-Aug-23	004 Influent 004-INF-082223 Sample Date: 22-Aug-23	004 Effluent 004-EFF-082223 Sample Date: 22-Aug-23	004 Influent 004-INF-0823-4 Sample Date: 29-Aug-23	004 Effluent 004-EFF-0823-4 Sample Date: 29-Aug-23
Hfpo Dimer Acid	13,000	<2.0	12,000	<2.0	14,000	<2.0	14,000	<2.0	13,000	<2.0
PFMOAA	95,000	<2.0	97,000	<2.0	62,000	<2.0 UJ	99,000	<2.0	69,000	<2.0
PFO2HxA	--	--	36,000	<2.0	--	--	--	--	--	--
PFO3OA	--	--	8,900	<2.0	--	--	--	--	--	--
PFO4DA	--	--	2,300	<2.0	--	--	--	--	--	--
PFO5DA	--	--	410	<2.0	--	--	--	--	--	--
PMPA	12,000	<10	12,000	<10	9,000	<10	11,000	<10	9,100	<10
PEPA	--	--	2,900	<20	--	--	--	--	--	--
PS Acid	--	--	550	<2.0	--	--	--	--	--	--
Hydro-PS Acid	--	--	450	<2.0	--	--	--	--	--	--
R-PSDA	--	--	900 J	<2.0	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	8,900 J	<2.0	--	--	--	--	--	--
R-PSDCA	--	--	<17	<2.0	--	--	--	--	--	--
NVHOS, Acid Form	--	--	1,000	<2.0	--	--	--	--	--	--
EVE Acid	--	--	53	<2.0	--	--	--	--	--	--
Hydro-EVE Acid	--	--	770	<2.0	--	--	--	--	--	--
R-EVE	--	--	470 J	<2.0	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<6.7	<2.0	--	--	--	--	--	--
PFECA B	--	--	<27	<2.0	--	--	--	--	--	--
PFECA-G	--	--	<48	<2.0	--	--	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	--	--	170,000	ND	--	--	--	--	--	--

Notes:

1 - 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.

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

3 - Total Table 3+ (17 Compounds) is not applicable (N/A) for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

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.

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	004 Influent 004-INF-0923 Sample Date: 5-Sep-23	004 Effluent 004-EFF-0923 Sample Date: 5-Sep-23	004 Influent 004-INF-0923-2 Sample Date: 12-Sep-23	004 Effluent 004-EFF-0923-2 Sample Date: 12-Sep-23	004 Influent 004-INF-0923-3 Sample Date: 19-Sep-23	004 Effluent 004-EFF-0923-3 Sample Date: 19-Sep-23	004 Influent 004-INF-0923-4 Sample Date: 26-Sep-23	004 Effluent 004-EFF-0923-4 Sample Date: 26-Sep-23
Hfpo Dimer Acid	16,000	4.3	12,000	<2.0	13,000	<2.0	13,000	<2.0
PFMOAA	44,000	<2.0	82,000	<2.0 UJ	47,000	<2.0	63,000	<2.0
PFO2HxA	--	--	35,000	<2.0	--	--	--	--
PFO3OA	--	--	8,900	<2.0	--	--	--	--
PFO4DA	--	--	2,600	<2.0	--	--	--	--
PFO5DA	--	--	740	<2.0	--	--	--	--
PMPA	8,700	10	11,000	<10	9,300	<10	9,300	<10
PEPA	--	--	3,300	<20	--	--	--	--
PS Acid	--	--	810	<2.0	--	--	--	--
Hydro-PS Acid	--	--	500	<2.0	--	--	--	--
R-PSDA	--	--	1,100 J	<2.0 UJ	--	--	--	--
Hydrolyzed PSDA	--	--	11,000 J	<2.0 UJ	--	--	--	--
R-PSDCA	--	--	20	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	990	<2.0	--	--	--	--
EVE Acid	--	--	81	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	850	<2.0	--	--	--	--
R-EVE	--	--	570 J	<2.0 UJ	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	45	<2.0	--	--	--	--
PFECA B	--	--	<27	<2.0	--	--	--	--
PFECA-G	--	--	<48	<2.0	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	--	--	160,000	ND	--	--	--	--

Notes:

1 - 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.

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

3 - Total Table 3+ (17 Compounds) is not applicable (N/A) for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

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.

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>METHOD 537 MOD SOP COMPOUNDS LIST</i> ^{1,2} (ng/L)	004 Influent 004-INF-080823 Sample Date: 8-Aug-23	004 Effluent 004-EFF-080823 Sample Date: 8-Aug-23
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	150	<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	91	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0
Perfluorohexanoic Acid	34	<2.0
Perfluorononanesulfonic Acid	<2.0	<2.0
Perfluorononanoic Acid	2.4	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0
Perfluoropentanoic Acid	630	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0
PFOA	18	<2.0
PFOS	<2.0	<2.0

Notes:

1 - The EPA Method 537 was modified to incorporate the Table 3+ 20 compounds.

2 - Sample analysis under EPA Method 537 MOD SOP is required one time per quarter.

Bold - Analyte detected above associated reporting limit.

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 6-1
Passive Flux Meter Deployment Locations
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

Well ID ^[1]	Water Bearing Unit	October 2020	November 2021	July 2022	August 2023
PIW-11	Black Creek Aquifer	✓	✓	✓	✓
PIW-12	Black Creek Aquifer	✓	✓	--	--
PIW-13	Black Creek Aquifer	✓	✓	--	--
PIW-14	Black Creek Aquifer	✓	✓	--	--
PIW-15	Black Creek Aquifer	✓	✓	✓	✓
PIW-1D	Black Creek Aquifer	✓	✓	✓	✓
PIW-2D	Black Creek Aquifer	✓	--	--	--
PIW-3D	Black Creek Aquifer	✓	✓	✓	✓
PIW-4D	Black Creek Aquifer	✓	✓	✓	✓
PW-10RR ^[2]	Black Creek Aquifer	✓	✓	✓	✓
PIW-6S	Floodplain Deposits	✓	✓	✓	✓
LTW-04	Floodplain Deposits	--	✓	✓	✓
PIW-7D	Black Creek Aquifer	✓	✓	✓	✓
PIW-7S	Floodplain Deposits	✓	✓	✓	✓
PIW-8D	Black Creek Aquifer	✓	✓	✓	✓
PIW-9D	Black Creek Aquifer	✓	--	--	--
OW-28	Black Creek Aquifer	--	--	✓	✓
PIW-10DR	Black Creek Aquifer	✓	--	--	--
OW-4R ^[2]	Black Creek Aquifer	--	✓	✓	✓
OW-30	Black Creek Aquifer	--	--	✓	✓
OW-40	Black Creek Aquifer	--	--	✓	✓
PW-11	Black Creek Aquifer	✓	--	--	--

Notes:

1 - Well IDs are presented in an approximate north to south order.

2 - PW-10RR and OW-4R were installed as replacements to the original monitoring wells (PW-10R and OW-4) after the July 2022 deployment and before the August 2023 deployment.

3 - The well list was updated for the July 2022 deployment to exclude wells that were inaccessible due to interim pumping of the Black Creek Aquifer, and to prioritize wells downgradient of the groundwater remedy alignment. PFMs were not installed in these wells as indicated by "--".

Table 6-2
Summary of Groundwater Level Information
Quarterly Report #3 (Jul- Sept. 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Feb 25 (0.07)	Mar 26 (0.45)	April 17 (0.00)	May 20 (0.00)	Jun 18 (0.00)	Jul 17 (0.00)	Aug 15 (0.09)	Sept 18 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential		
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Feb 26 (0.00)	Mar 27 (0.63)	Apr 18 (0.00)	May 21 (0.00)	Jun 19 (0.16)	Jul 18 (0.00)	Aug 16 (0.00)	Sept 19 (0.00)				
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Feb 27 (0.00)	Mar 28 (0.28)	Apr 19 (0.00)	May 22 (0.00)	Jun 20 (1.11)	Jul 19 (0.00)	Aug 17 (0.00)	Sept 20 (0.00)				
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)											Sept. 21 vs. January 30, 2023	Sept. 21 vs Aug. 18, 2023		
		Baseline			Mid-Commissioning	Post-Startup	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M				
		August 4, 2022	August 17, 2022	January 30, 2023	February 28, 2023	March 29, 2023	April 20, 2023	May 23, 2023	June 21, 2023	July 20, 2023	Aug. 18, 2023	September 21, 2023				
Willis Creek Observation Wells (Northern Alignment): 18 Wells																
OW-11	Black Creek Aquifer	49.63	49.57	49.02	48.39	46.58	46.62	48.25	46.16	45.98	45.89	45.82	3.20	0.07		
OW-12	Black Creek Aquifer	34.08	34.08	34.81	31.61	29.71	30.26	29.32	29.15	29.08	28.95	29.39	5.42	0.44		
OW-13	Black Creek Aquifer	34.10	34.05	34.42	33.63	32.32	33.61	32.02	31.43	31.50	31.20	31.54	2.88	0.34		
OW-14	Black Creek Aquifer	33.62	33.47	34.67	34.09	33.11	36.60	32.97	32.08	32.76	32.05	32.22	2.45	0.17		
OW-41	Black Creek Aquifer	49.13	49.12	48.33	47.66	46.46	46.51	46.11	45.97	45.78	45.69	45.64	2.69	0.05		
OW-42	Black Creek Aquifer	47.89	47.86	47.42	46.81	45.90	45.94	45.52	45.47	45.27	45.15	45.16	2.26	0.01		
OW-43	Black Creek Aquifer	34.49	34.42	34.62	33.64	32.04	33.09	31.76	31.20	31.13	31.14	31.49	3.13	0.35		
OW-54	Black Creek Aquifer	Well Installed January 24, 2023		35.87	35.00	33.45	33.90	36.19	Dry	Dry	Dry	Dry	Dry	Dry		
OW-55	Black Creek Aquifer	Well Installed January 18, 2023		34.77	32.06	28.43	29.75	28.30	28.07	27.97	27.80	28.60	6.17	0.80		
OW-56	Black Creek Aquifer	Well Installed January 24, 2023		36.92	36.50	36.63	37.17	35.99	36.18	35.89	35.74	36.01	0.91	0.27		
OW-57	Black Creek Aquifer	Well Installed January 17, 2023		45.75	45.24	44.58	44.62	44.27	44.22	44.07	43.92	43.95	1.80	0.03		
PIW-1D	Black Creek Aquifer	32.59	32.47	33.95	33.15	32.25	35.09	31.96	31.25	32.06	31.27	31.51	2.44	0.24		
PIW-11	Black Creek Aquifer	43.28	43.24	43.89	43.62	43.14	43.65	42.87	42.61	43.10	42.70	42.96	0.93	0.26		
PIW-12	Black Creek Aquifer	33.74	33.69	34.39	31.90	26.64	28.38	26.68	26.43	26.36	26.17	27.27	7.12	1.10		
PIW-13	Black Creek Aquifer	33.66	33.60	34.20	30.68	24.95	28.16	25.74	25.00	25.21	25.38	26.70	7.50	1.32		
PIW-14	Black Creek Aquifer	34.05	34.00	34.44	32.47	29.90	31.36	29.80	29.20	28.98	29.45	30.02	4.42	0.57		
PIW-15	Black Creek Aquifer	32.74	32.65	33.54	32.88	32.00	33.87	31.69	31.10	31.50	31.01	31.29	2.25	0.28		
SMW-12	Black Creek Aquifer	33.03	33.03	33.52	31.19	29.17	30.17	28.82	28.23	27.97	Not Gauged	Not Gauged	N/A	N/A		
Median (Black Creek Aquifer wells)		34.07	34.03	34.72	33.64	32.29	34.48	31.99	31.25	31.50	31.24	31.53	2.79	0.28		
Observation Wells <200 ft Upgradient of Barrier Wall: 19 Wells																
OW-02	Black Creek Aquifer	48.82	48.72	48.79	44.34	39.18	42.55	34.58	32.97	32.29	33.10	33.95	14.84	0.85		
OW-03	Black Creek Aquifer	49.52	49.44	49.60	44.06	38.43	42.24	34.14	32.57	32.56	32.79	33.62	15.98	0.83		
OW-07	Black Creek Aquifer	44.87	44.75	45.36	41.10	37.61	35.00	29.91	27.90	25.40	25.73	28.39	16.97	2.66		
OW-08	Black Creek Aquifer	44.12	43.98	44.60	40.37	36.86	34.14	29.09	27.05	25.50	24.85	27.61	16.99	2.76		
OW-15	Black Creek Aquifer	Well Installed September 22, 2022		56.91	56.50	57.53	57.66	57.21	57.16	57.14	57.23	57.21	-0.30	0.02		
OW-17	Black Creek Aquifer	44.87	44.82	43.53	39.81	34.88	32.77	32.96	32.87	32.90	32.87	32.90	10.63	0.03		
OW-18	Black Creek Aquifer	47.17	47.37	48.61	48.79	47.95	46.93	46.58	46.44	46.42	46.44	46.56	2.05	0.12		
OW-19	Black Creek Aquifer	46.36	46.23	46.68	41.42	37.73	38.50	30.38	28.05	26.48	25.83	28.36	18.32	2.53		
OW-21	Black Creek Aquifer	45.13	45.00	45.51	41.70	37.87	35.40	30.65	28.15	26.50	25.75	28.68	16.83	2.93		
OW-24	Black Creek Aquifer	43.17	43.15	43.73	38.94	36.23	34.77	30.02	28.27	26.97	26.15	27.54	16.19	1.39		
OW-26	Black Creek Aquifer	55.22	55.16	54.84	53.79	45.67	44.05	42.50	40.15	39.08	40.15	41.05	13.79	0.90		
OW-29	Black Creek Aquifer	59.58	59.54	59.14	58.57	51.34	49.72	47.54	45.62	44.64	43.90	43.68	15.46	0.22		
OW-31	Black Creek Aquifer	60.44	60.41	60.07	59.43	47.00	50.58	42.85	41.55	40.60	39.98	40.08	19.99	0.10		
OW-34	Surficial Aquifer	62.98	62.81	62.03	64.53	66.36	67.30	67.41	67.45	67.45	67.36	67.57	-5.54	0.21		
OW-35	Surficial Aquifer	66.33	66.10	65.67	65.71	65.45	68.18	68.35	68.35	68.73	68.55	68.58	-2.91	0.03		
OW-36	Surficial Aquifer	62.72	62.61	62.07	61.85	61.64	61.48	61.51	61.52	61.51	61.71	61.66	0.41	0.05		
OW-37	Surficial Aquifer	Well Installed June 21, 2023										57.38	57.27	57.30	N/A	0.03
OW-38	Black Creek Aquifer	Well Installed September 22, 2022		61.93	61.94	61.64	61.60	61.45	61.40	61.22	61.28	61.45	0.48	0.17		
OW-51	Black Creek Aquifer	Well Installed June 20, 2023										26.21	25.17	26.36	N/A	1.19
Median (Black Creek Aquifer wells)		46.77	46.80	48.70	44.20	38.81	42.40	34.36	32.92	32.56	32.87	33.62	15.72	0.85		
Median (Surficial Aquifer wells)		62.98	62.81	62.07	64.53	65.45	67.30	67.50	67.41	64.48	64.54	64.62	-2.91	0.04		

Table 6-2
Summary of Groundwater Level Information
Quarterly Report #3 (Jul- Sept. 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Feb 25 (0.07)	Mar 26 (0.45)	April 17 (0.00)	May 20 (0.00)	Jun 18 (0.00)	Jul 17 (0.00)	Aug 15 (0.09)	Sept 18 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential	
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Feb 26 (0.00)	Mar 27 (0.63)	Apr 18 (0.00)	May 21 (0.00)	Jun 19 (0.16)	Ju 18 (0.00)	Aug 16 (0.00)	Sept 19 (0.00)			
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Feb 27 (0.00)	Mar 28 (0.28)	Apr 19 (0.00)	May 22 (0.00)	Jun 20 (1.11)	Jul 19 (0.00)	Aug 17 (0.00)	Sept 20 (0.00)			
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)												Sept. 21 vs. January 30, 2023	Sept. 21 vs Aug. 18, 2023
		Baseline			Mid-Commissioning	Post-Startup	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M			
		August 4, 2022	August 17, 2022	January 30, 2023	February 28, 2023	March 29, 2023	April 20, 2023	May 23, 2023	June 21, 2023	July 20, 2023	Aug 18, 2023	September 21, 2023			
Observation Wells <200 ft Downgradient of Barrier Wall: 20 Wells															
OW-04/04R	Black Creek Aquifer	59.45	59.42	Well Abandoned; Replacement Well Installed July 31, 2023								52.03	40.33	N/A	11.70
OW-09/09R	Black Creek Aquifer	59.61	59.57	Well Abandoned; Replacement Well Installed August 1, 2023								40.33	40.33	N/A	0.00
OW-20	Black Creek Aquifer	46.34	46.24	46.53	41.54	39.35	37.91	38.39	38.49	39.03	38.44	38.57	7.96	0.13	
OW-22	Black Creek Aquifer	43.95	43.89	44.50	40.94	37.53	37.36	38.41	38.55	39.08	38.58	38.63	5.87	0.05	
OW-23	Black Creek Aquifer	43.27	43.18	43.86	39.75	36.73	35.88	38.31	38.36	38.80	38.28	38.33	5.53	0.05	
OW-25	Black Creek Aquifer	41.95	41.90	42.52	39.00	36.50	35.77	38.62	38.36	38.36	37.89	37.99	4.53	0.10	
OW-32	Black Creek Aquifer	Well Installed August 2, 2023								38.45	38.75	N/A	0.30		
OW-39	Black Creek Aquifer	Well Installed August 1, 2023								40.36	40.42	N/A	0.06		
OW-44	Black Creek Aquifer	36.51	36.31	36.28	36.94	36.34	37.41	36.06	35.28	35.38	34.63	34.18	2.10	0.45	
OW-45	Black Creek Aquifer	44.39	44.20	44.78	45.24	40.05	39.93	39.10	38.82	39.78	38.50	38.85	5.93	0.35	
OW-46	Black Creek Aquifer	46.28	46.20	46.59	41.41	38.85	37.88	38.35	38.50	39.03	38.42	38.55	8.04	0.13	
OW-47	Black Creek Aquifer	43.84	43.72	44.33	40.45	36.98	37.05	38.18	38.32	38.87	38.32	38.38	5.95	0.06	
OW-48	Black Creek Aquifer	43.11	43.06	43.69	39.33	36.40	35.29	38.24	38.27	38.64	38.13	38.17	5.52	0.04	
OW-49	Black Creek Aquifer	42.13	42.06	42.67	38.83	36.23	35.42	38.43	38.34	38.36	37.88	37.99	4.68	0.11	
OW-50	Black Creek Aquifer	41.42	41.35	42.01	41.78	35.37	36.17	39.50	39.33	39.48	39.00	39.13	2.88	0.13	
OW-52	Black Creek Aquifer	Well Installed August 2, 2023								38.01	38.06	N/A	0.05		
PIW-4D	Black Creek Aquifer	43.59	43.45	43.90	46.26	39.89	39.88	38.90	38.65	39.64	38.30	38.67	5.23	0.37	
PIW-5S/5SR	Surficial Aquifer	59.70	59.52	58.82	56.31	Replaced on April 12, 2023	54.13	53.15	53.37	53.54	53.25	53.30	5.52	0.05	
PW-10R/10RR	Black Creek Aquifer	47.78	47.62	47.99	42.18	Replaced on April 12, 2023	41.20	38.52	38.39	39.19	38.32	38.52	9.47	0.20	
PIW-10DR	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								41.50	41.31	N/A	0.19		
Median (Black Creek Aquifer wells)		43.84	43.72	43.90	40.94	36.86	37.36	38.41	38.39	39.03	38.42	38.57	5.53	0.13	

Table 6-2
Summary of Groundwater Level Information
Quarterly Report #3 (Jul- Sept. 2023)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Feb 25 (0.07)	Mar 26 (0.45)	April 17 (0.00)	May 20 (0.00)	Jun 18 (0.00)	Jul 17 (0.00)	Aug 15 (0.09)	Sept 18 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Feb 26 (0.00)	Mar 27 (0.63)	Apr 18 (0.00)	May 21 (0.00)	Jun 19 (0.16)	Jul 18 (0.00)	Aug 16 (0.00)	Sept 19 (0.00)		
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Feb 27 (0.00)	Mar 28 (0.28)	Apr 19 (0.00)	May 22 (0.00)	Jun 20 (1.11)	Jul 19 (0.00)	Aug 17 (0.00)	Sept 20 (0.00)		
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)											Sept. 21 vs. January 30, 2023	Sept. 21 vs Aug. 18, 2023
		Baseline			Mid-Commissioning	Post-Startup	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M	Monthly O&M		
		August 4, 2022	August 17, 2022	January 30, 2023	February 28, 2023	March 29, 2023	April 20, 2023	May 23, 2023	June 21, 2023	July 20, 2023	Aug. 18, 2023	September 21, 2023		
Observation Wells >200 ft Downgradient of Barrier Wall: 15 Wells														
LTW-02	Black Creek Aquifer	42.97	42.80	43.50	45.36	40.01	39.97	38.94	38.71	39.67	38.31	38.71	4.79	0.40
LTW-03	Floodplain	38.05	37.93	39.27	38.48	36.95	37.85	36.70	36.40	36.53	36.05	35.91	3.36	0.14
LTW-05	Black Creek Aquifer	41.24	41.20	41.93	38.69	36.30	35.71	37.89	37.86	38.02	37.46	37.57	4.36	0.11
OW-16	Black Creek Aquifer	35.39	35.24	36.69	36.49	35.86	37.27	35.34	34.59	34.94	34.17	33.79	2.90	0.38
OW-27	Black Creek Aquifer	41.16	41.12	41.70	41.36	36.09	36.80	39.35	39.21	39.32	38.85	38.94	2.76	0.09
OW-28	Black Creek Aquifer	40.04	40.01	40.63	40.43	38.16	38.86	39.04	39.00	38.99	38.99	38.69	1.94	0.30
OW-30	Black Creek Aquifer	40.38	40.33	40.98	39.55	36.80	37.91	38.94	38.95	39.17	Not Gauged	38.87	2.11	N/A
OW-33	Black Creek Aquifer	40.42	40.39	41.07	39.89	37.45	38.32	39.29	39.34	39.44	Not Gauged	39.17	1.90	N/A
OW-40	Black Creek Aquifer	40.58	40.53	40.66	40.68	40.09	40.86	40.13	40.15	40.23	Not Gauged	40.08	0.58	N/A
OW-53	Black Creek Aquifer	Well Not Constructed Yet											N/A	N/A
PIW-3D	Black Creek Aquifer	35.39	35.26	36.61	36.39	35.97	37.14	35.36	34.67	35.07	34.32	33.97	2.64	0.35
PIW-7S	Floodplain	42.28	42.16	43.03	39.55	36.56	35.79	37.74	37.80	38.28	37.61	37.77	5.26	0.16
PIW-7D	Black Creek Aquifer	43.18	43.10	43.78	39.98	36.96	36.36	38.38	38.45	38.88	38.33	38.42	5.36	0.09
PW-11	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											40.61	N/A
PZ-22	Black Creek Aquifer	43.24	43.15	43.81	40.36	37.28	36.89	38.21	38.37	38.85	38.33	38.43	5.38	0.10
Median (Black Creek Aquifer wells)		40.58	40.53	41.07	39.98	36.96	37.27	38.94	38.71	38.99	38.32	38.70	2.76	0.21
Observation Wells >200 ft Upgradient of Barrier Wall/Willis Creek Alignments: 11 Wells														
BCA-01	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											80.01	N/A
BCA-02	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											Not Gauged	N/A
NAF-11B	Surficial Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											Dry	N/A
PIW-2D	Black Creek Aquifer	58.08	57.94	57.64	57.59	57.67	57.74	57.64	57.42	57.34	57.29	57.19	0.45	0.10
PW-02	Surficial Aquifer	87.27	87.00	85.32	85.09	84.85	84.73	84.40	83.13	83.93	83.71	83.53	1.79	0.18
PW-03	Surficial Aquifer	104.95	104.87	104.39	104.45	104.24	104.33	104.42	104.38	104.35	102.09	Not Gauged	N/A	N/A
PW-04	Surficial Aquifer	68.40	68.33	67.49	68.36	68.55	68.55	68.72	68.43	69.13	69.45	70.79	-3.30	1.34
PW-14	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											Not Gauged	N/A
PW-15R	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)											68.92	N/A
SMW-03B	Black Creek Aquifer	89.92	89.71	87.73	87.47	87.19	87.03	86.79	86.60	86.35	86.23	86.05	1.68	0.18
SMW-09	Surficial Aquifer	82.14	82.03	80.43	80.26	80.12	79.20	79.71	79.93	79.75	79.75	79.68	0.75	0.07
Median (Surficial Aquifer wells)		84.71	84.52	82.88	82.68	82.49	81.97	82.06	81.53	81.84	81.73	79.68	0.75	0.18
Median (Black Creek Aquifer wells)		74.00	73.83	72.69	72.53	72.43	72.39	72.22	72.01	71.85	71.76	74.47	1.07	0.14

Notes:

1 - As noted above, wells SMW-12, OW-30, OW-33, OW-40, BCA-02, PW-03, PW-14 were not gauged for some events in Q3 of 2023 because they were inaccessible.

2 - For comparison and calculation of head differentials, elevation data for replacement wells (OW-04R, OW-09R, PIW-5SR, and PW-10RR) has been merged with the corresponding original wells. Since the replacement wells were not installed in exactly the same location as the originals, some spatial variation might exist.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	LTW-01			LTW-02			LTW-03			LTW-04		
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-01-051723 Sample Date: 17-May-23	CAP3Q23-LTW-01-071323 Sample Date: 13-Jul-23	CAP1Q23-LTW-02-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-02-051723 Sample Date: 17-May-23	CAP3Q23-LTW-02-071223 Sample Date: 12-Jul-23	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	CAP2Q23-LTW-03-052323 Sample Date: 23-May-23	CAP3Q23-LTW-03-071223 Sample Date: 12-Jul-23	CAP1Q23-LTW-04-021723 Sample Date: 17-Feb-23	CAP2Q23-LTW-04-052323 Sample Date: 23-May-23	CAP3Q23-LTW-04-071123 Sample Date: 11-Jul-23
Hfpo Dimer Acid	18,000	18,000	8,500	2,800	7,000	6,800 J	11,000	10,000	8,600	18,000	19,000	9,800 J
PFMOAA	23,000	21,000	27,000	9,300	17,000	31,000	120,000	120,000	140,000 J	55,000	55,000	57,000 J
PFO2HxA	23,000	21,000	28,000	4,800	10,000	22,000	34,000	41,000	49,000 J	23,000	28,000	29,000
PFO3OA	5,700	5,300	6,400	1,100	1,900	3,700	5,800	6,700	7,600	4,400	5,200	5,200
PFO4DA	1,300	1,500	1,600	86	120	180	200	220	230	630	620	780
PFOSDA	170	170	200	<78	<78	<2.0	<78	<78	<2.0	<78	<78	26
PMPA	16,000	16,000	19,000	1,800	5,700	11,000	14,000	15,000	16,000	17,000	16,000	20,000
PEPA	5,900	5,700	7,200	580	1,800	3,600	3,400	3,500	3,600	6,400	6,000	6,900
PS Acid	<20	<20	<2.0	<20	<20	<2.0	<20	<20	<2.0	<20	<20	5
Hydro-PS Acid	310	300	280	<6.1	15	17	<6.1	28	26	170	210	190
R-PSDA	960 J	<71	940 J	<71	<71	620 J	1,000 J	950 J	900 J	2,000 J	1,700 J	1,700 J
Hydrolyzed PSDA	560 J	690 J	760 J	270 J	<38	1,300 J	7,100 J	5,800 J	5,900 J	4,200 J	2,300 J	3,000 J
R-PSDCA	<17	<17	6.9	<17	<17	<3.0	<17	<17	<3.0	<17	<17	12
NVHOS, Acid Form	390	440	320	160	300	320	1,300	1,300	1,900	1,300	1,200	1,400
EVE Acid	<17	<17	<2.0	<17	<17	<2.0	<17	<17	<2.0	<17	<17	<2.0
Hydro-EVE Acid	160	140	150	<14	38	39	71	64	63	500	390	540
R-EVE	550 J	580 J	560 J	<72	<72	260 J	520 J	430 J	150 J	2,000 J	1,500 J	1,300 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<6.7	<6.7	<2.0	<6.7	<6.7	6.1	<6.7	<6.7	8.2
PFECA B	<27	<27	<2.0	<27	<27	<2.0	<27	<27	<2.0	<27	<27	<2.0
PFECA-G	<48	<48	<2.0	<48	<48	<2.0	<48	<48	<2.0	<48	<48	<2.0
PFPrA	--	--	14,000	--	--	11,000	--	--	37,000	--	--	29,000
Total Table 3+ (17 compounds)^{1,2}	94,000	90,000	99,000	21,000	44,000	79,000	190,000	200,000	230,000	130,000	130,000	130,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	LTW-05			OW-28			OW-33			PIW-1D		
	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23	CAP3Q23-LTW-05-071123 Sample Date: 11-Jul-23	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	CAP2Q23-OW-28-052523 Sample Date: 25-May-23	CAP3Q23-OW-28-071123 Sample Date: 11-Jul-23	CAP1Q23-OW-33-021423 Sample Date: 14-Feb-23	CAP2Q23-OW-33-051823 Sample Date: 18-May-23	CAP3Q23-OW-33-071223 Sample Date: 12-Jul-23	CAP1Q23-PIW-1D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-1D-052323 Sample Date: 23-May-23	CAP3Q23-PIW-1D-080223 Sample Date: 2-Aug-23
Hfpo Dimer Acid	18,000	19,000 J	9,000	4,800	4,800	4,400	5,300	5,000	4,000	9,800	9,900	9,200 J
PFMOAA	120,000	130,000 J	120,000 J	1,500	1,900	1,600	7,900	8,400	11,000	12,000	12,000	11,000 J
PFO2HxA	36,000	48,000 J	41,000 J	2,500	3,500	3,400	4,700	4,300	6,500	8,800	11,000	9,900 J
PFO3OA	8,300	11,000 J	9,500	510	670	550	810	840	1,100	1,500	1,700	1,600
PFO4DA	2,100	2,100 J	2,000	110	83	94	<59	<59	71	430	440	410
PFOSDA	<78	<78 UJ	<2.0	<78	<78	<2.0	<78	<78	<2.0	<78	<78	<100
PMPA	4,000	4,600 J	4,200	5,000	6,400	5,200	4,800	5,200	6,100	7,800	9,000	9,600 J
PEPA	620	530 J	440	1,900	2,500	1,800	2,000	1,800	2,300	2,600	3,000	3,200
PS Acid	<20	<20 UJ	<2.0	<20	<20	<2.0	<20	<20	7.8	<20	<20	<40
Hydro-PS Acid	190	190 J	200	75	74	75	29	53	43	87	98	86
R-PSDA	490 J	670 J	500 J	340 J	310 J	250 J	280 J	<71	290 J	330 J	380 J	370 J
Hydrolyzed PSDA	880 J	1,100 J	950 J	<38	<38	2.2 J	<38	<38	58 J	<38	<38	<27
R-PSDCA	19	<17 UJ	17	<17	<17	<3.0	<17	<17	<3.0	<17	<17	<140
NVHOS, Acid Form	1,100	1,300 J	1,000	110	<15	31	170	240	130	190	160	150 J
EVE Acid	<17	<17 UJ	<2.0	<17	<17	<2.0	<17	<17	<2.0	<17	<17	<40
Hydro-EVE Acid	750	720 J	720	<14	<14	5.1	<14	<14	14	31	<14	29
R-EVE	610 J	760 J	610 J	190 J	180 J	380 J	130 J	<72	220 J	190 J	200 J	280 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7 UJ	11	<6.7	<6.7	<2.0	<6.7	<6.7	<2.0	<6.7	<6.7	<29
PFECA B	<27	<27 UJ	<2.0	<27	<27	<2.0	<27	<27	<2.0	<27	<27	<62
PFECA-G	<48	<48 UJ	<2.0	<48	<48	<2.0	<48	<48	<2.0	<48	<48	<29
PFPrA	--	--	52,000 J	--	--	3,500	--	--	5,400	--	--	7,800
Total Table 3+ (17 compounds)^{2,3}	190,000	220,000	190,000	17,000	20,000	17,000	26,000	26,000	31,000	43,000	47,000	45,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	PIW-1S			PIW-3D			PIW-7D			PIW-7S		
	CAP1Q23-PIW-1S-021623 Sample Date: 16-Feb-23	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	CAP1Q23-PIW-3D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-3D-051723 Sample Date: 17-May-23	CAP3Q23-PIW-3D-071323 Sample Date: 13-Jul-23	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7D-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7D-071123 Sample Date: 11-Jul-23	CAP1Q23-PIW-7S-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7S-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7S-071123 Sample Date: 11-Jul-23
Hfpo Dimer Acid	7,400	--	--	12,000	12,000	9,700	17,000	8,800 J	9,600 J	15,000	12,000 J	8,000
PFMOAA	2,000	--	--	9,400	8,500	13,000	140,000	130,000 J	140,000 J	18,000	16,000 J	15,000
PFO2HxA	4,700	--	--	12,000	10,000	16,000	47,000	37,000 J	42,000 J	13,000	12,000 J	11,000
PFO3OA	900	--	--	2,200	2,100	3,100	9,200	5,900 J	6,800	5,100	3,800 J	2,800
PFO4DA	440	--	--	940	800	890	1,700	1,100 J	890	660	440 J	350
PFO5DA	<78	--	--	130	<78	160	<78	<78 UJ	<2.0	<78	<78 UJ	19
PMPA	4,400	--	--	9,500	8,800	12,000	5,100	4,500 J	4,300	11,000	7,900 J	6,900
PEPA	1,900	--	--	3,700	3,400	4,500	1,100	950 J	950	4,500	3,300 J	2,500
PS Acid	<20	--	--	<20	<20	<2.0	<20	<20 UJ	<2.0	<20	<20 UJ	<2.0
Hydro-PS Acid	210	--	--	240	200	240	180	98 J	110	340	270 J	220
R-PSDA	<71	--	--	520 J	<71	610 J	710 J	470 J	460 J	1,200 J	960 J	710 J
Hydrolyzed PSDA	<38	--	--	<38	<38	15 J	1,200 J	740 J	890 J	<38	63 J	110 J
R-PSDCA	<17	--	--	<17	<17	4.7	<17	<17 UJ	7.3	<17	<17 UJ	5.4
NVHOS, Acid Form	<15	--	--	190	290	170	1,200	990 J	1,100	830	630 J	520
EVE Acid	<17	--	--	<17	<17	<2.0	<17	<17 UJ	<2.0	<17	<17 UJ	<2.0
Hydro-EVE Acid	62	--	--	72	70	74	610	330 J	360	650	460 J	360
R-EVE	180 J	--	--	220 J	<72	280 J	870 J	550 J	560 J	1,400 J	1,000 J	820 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	--	--	<6.7	<6.7	<2.0	12	<6.7 UJ	8.5	<6.7	<6.7 UJ	3.3
PFECA B	<27	--	--	<27	<27	<2.0	<27	<27 UJ	<2.0	<27	<27 UJ	<2.0
PFECA-G	<48	--	--	<48	<48	<2.0	<48	<48 UJ	<2.0	<48	<48 UJ	<2.0
PFPrA	--	--	--	--	--	11,000	--	--	49,000 J	--	--	9,700
Total Table 3+ (17 compounds)^{2,3}	22,000	--	--	50,000	46,000	60,000	220,000	190,000	210,000	69,000	57,000	48,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)								
	PW-04			PZ-22			SMW-12		
	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP3Q23-PW-04-072823 Sample Date: 28-Jul-23	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP3Q-PZ-22-071123 Sample Date: 11-Jul-23	CAP1Q23-SMW-12-022323 Sample Date: 23-Feb-23	CAP2Q23-SMW-12-051723 Sample Date: 17-May-23	CAP3Q23-SMW-12-071823 Sample Date: 18-Jul-23
Hfpo Dimer Acid	730	980	950	13,000	12,000	7,300 J	1,500	1,900	2,200
PFMOAA	300	490	380	140,000	150,000	140,000	2,900	5,100	5,800
PFO2HxA	640	1,100	1,000	38,000	49,000	50,000	1,200	1,900	3,500
PFO3OA	330	520	520	3,600	5,400	4,800	78	150	230
PFO4DA	63	95	120	120	270	240	<59	<59	<36
PFO5DA	<78	<78	<100	<78	<78	<2.0	<78	<78	<91
PMPA	860	1,200	1,200	5,000	6,200	6,100	2,300	2,900	2,600
PEPA	330	440	480	1,200	1,500	1,600	460	550	620
PS Acid	<20	<20	<40	<20	<20	3.1	<20	<20	<36
Hydro-PS Acid	22	<6.1	<44	28	36	35	<6.1	<6.1	<40
R-PSDA	160 J	150 J	78 J	540 J	560 J	540 J	150 J	<71	87 J
Hydrolyzed PSDA	<38	<38	<27	890 J	1,000 J	1,100 J	<38	<38	<25
R-PSDCA	<17	<17	<140	<17	<17	3.2	<17	<17	<130
NVHOS, Acid Form	<15	<15	<130	1,100	1,300	1,500	48	<15	<120
EVE Acid	<17	<17	<40	<17	<17	<2.0	<17	<17	<36
Hydro-EVE Acid	<14	<14	<24	46	84	79	<14	<14	<22
R-EVE	<72	86 J	49 J	450 J	430 J	220 J	97 J	<72	69 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<29	<6.7	<6.7	6.3	<6.7	<6.7	<26
PFECA B	<27	<27	<62	<27	<27	<2.0	<27	<27	<56
PFECA-G	<48	<48	<29	<48	<48	<2.0	<48	<48	<26
PFPrA	--	--	900	--	--	48,000	--	--	3,900
Total Table 3+ (17 compounds)^{2,3}	3,300	4,800	4,700	200,000	230,000	210,000	8,500	13,000	15,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually) ⁴							
	OW-4R	OW-30		OW-32	OW-37	OW-40		OW-51
	CAP3Q23-OW-4R-080423 Sample Date: 4-Aug-23	CAP1Q23-OW-30-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-30-071323 Sample Date: 13-Jul-23	CAP3Q23-OW-32-090823 Sample Date: 8-Sep-23	CAP3Q23-OW-37-081023 Sample Date: 10-Aug-23	CAP1Q23-OW-40-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-40-071323 Sample Date: 13-Jul-23	CAP3Q23-OW-51-080323 Sample Date: 3-Aug-23
Hfpo Dimer Acid	11,000	9,500	6,200	580	4,000 J	5,200	3,300	33,000
PFMOAA	42,000	32,000	27,000	1,800	15,000 J	6,900	7,000	140,000
PFO2HxA	17,000	12,000	11,000	790	5,900 J	4,200	4,700	64,000
PFO3OA	5,400	2,100	1,700	130	2,600 J	1,100	1,400	23,000
PFO4DA	1,800	<59	8.9	<40	3,900 J	130	170	4,800
PFO5DA	<100	<78	<2.0	<100	140 J	<78	<2.0	<100
PMPA	8,600	4,300	4,400	260	2,000 J	4,300	4,400	9,400
PEPA	2,700	1,300	1,300	83	580 J	1,600	1,900	1,900
PS Acid	<40	<20	<2.0	<40	<40 UJ	<20	<2.0	<40
Hydro-PS Acid	290	<6.1	<2.0	<44	370 J	35	44	660
R-PSDA	760 J	460 J	330 J	44 J	1,500 J	<71	200 J	1,900 J
Hydrolyzed PSDA	3,100 J	760 J	570 J	100 J	1,200 J	160 J	130 J	4,300 J
R-PSDCA	<140	<17	<3.0	<140	<140 UJ	<17	<3.0	<140
NVHOS, Acid Form	580	370	220	<130	170 J	130	90	1,800
EVE Acid	<40	<17	<2.0	<40	<40 UJ	<17	<2.0	<40
Hydro-EVE Acid	1,100	24	12	<24	120 J	94	99	2,400
R-EVE	630 J	410 J	290 J	36 J	390 J	170 J	240 J	2,600 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<6.7	<2.0	<29	<29 UJ	<6.7	<2.0	<29
PFECA B	<62	<27	<2.0	<62	<62 UJ	<27	<2.0	<62
PFECA-G	<29	<48	<2.0	<29	<29 UJ	<48	<2.0	<29
PFPrA	17,000	--	12,000	640	5,200 J	--	3,700	60,000
Total Table 3+ (17 compounds)^{2,3}	90,000	62,000	52,000	3,600	35,000	24,000	23,000	280,000

Notes:

- 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
- 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, R-EVE, and PFPrA.
- 4 - Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)							
	OW-54		OW-55		OW-56		OW-57	
	CAP1Q23-OW-54-021623 Sample Date: 16-Feb-23	Not Sampled in 3Q 2023 (Dry)	CAP1Q23-OW-55-021623 Sample Date: 16-Feb-23	CAP3Q23-OW-55-072523 Sample Date: 25-Jul-23	CAP1Q23-OW-56-022123 Sample Date: 21-Feb-23	CAP3Q23-OW-56-073123 Sample Date: 31-Jul-23	CAP1Q23-OW-57-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-57-073123 Sample Date: 31-Jul-23
Hfpo Dimer Acid	4,500	--	1,800	1,800	4,200	3,300	11,000	11,000
PFMOAA	360	--	220	300	350	520	130,000	130,000
PFO2HxA	2,600	--	690	940	1,800	2,100	36,000	37,000
PFO3OA	410	--	58	<89	200	260	8,600	7,700
PFO4DA	230	--	<59	<40	<59	<40	1,100	1,000
PFO5DA	<78	--	<78	<100	<78	<100	<78	<100
PMPA	2,600	--	2,800	3,800	2,600	2,800	22,000	21,000
PEPA	1,000	--	740	890	990	1,100	5,100	4,700
PS Acid	<20	--	<20	<40	<20	<40	770	360
Hydro-PS Acid	120	--	<6.1	<44	120	150	220	260
R-PSDA	<71	--	<71	140 J	310 J	150 J	970 J	1,200 J
Hydrolyzed PSDA	<38	--	<38	<27	<38	<27	16,000 J	14,000 J
R-PSDCA	<17	--	<17	<140	<17	<140	17	<140
NVHOS, Acid Form	<15	--	<15	<130	110	<130	2,000	2,400
EVE Acid	<17	--	<17	<40	<17	<40	<17	<40
Hydro-EVE Acid	<14	--	<14	<24	<14	<24	200	210
R-EVE	<72	--	160 J	180 J	190 J	120 J	240 J	180 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	--	<6.7	<29	<6.7	<29	<6.7	<29
PFECA B	<27	--	<27	<62	<27	<62	<27	<62
PFECA-G	<48	--	<48	<29	<48	<29	<48	<29
PFPrA	--	--	--	1,800	--	1,400	--	28,000
Total Table 3+ (17 compounds)^{2,3}	12,000	--	6,300	7,700	10,000	10,000	220,000	220,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)									
	PIW-4D	PIW-5SR	PIW-6S	PIW-8D	PIW-10DR	PIW-10S	PIW-11	PIW-15	PW-10RR	PW-11
	CAP3Q23-PIW-4D-071323 Sample Date: 13-Jul-23	CAP3Q23-PIW-5SR-080423 Sample Date: 4-Aug-23	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAP3Q23-PIW-10S-071323 Sample Date: 13-Jul-23	CAP3Q23-PIW-11-073123 Sample Date: 31-Jul-23	CAP3Q23-PIW-15-072523 Sample Date: 25-Jul-23	CAP3Q23-PW-10RR-080323 Sample Date: 3-Aug-23	CAP3Q23-PW-11-070723 Sample Date: 7-Jul-23
Hfpo Dimer Acid	140	24,000	8,400	12,000 J	6,600	3,800	3,500	7,800	6,700	6,900
PFMOAA	1,300	44,000	150,000 J	72,000 J	51,000 J	3,700	1,600	8,700	93,000	54,000 J
PFO2HxA	470	28,000	61,000 J	34,000 J	19,000	4,400	2,600	7,000	26,000	28,000
PFO3OA	47	7,000	5,500	14,000	5,800	800	420	1,200	1,300	7,300
PFO4DA	<2.0	2,200	200	2,300	1,500	340	46	65	<40	4,500
PFOSDA	<2.0	690	<2.0	<2.0	4.0	6.8	<100	<100	<100	1,600
PMPA	150	32,000	16,000	8,600	6,600	4,500	3,100	8,400	4,400	7,800
PEPA	37	15,000	3,400	2,500	2,400	2,100	1,000	2,400	590	2,200
PS Acid	<2.0	40	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	1,400
Hydro-PS Acid	<2.0	140	25	350	210	67	<44	<44	<44	840
R-PSDA	8.9 J	1,600 J	820 J	1,000 J	690 J	160 J	240 J	250 J	180 J	850 J
Hydrolyzed PSDA	25 J	1,700 J	4,100 J	2,600 J	2,700 J	<2.0	1,500 J	<27	220 J	7,900 J
R-PSDCA	<3.0	<140	<3.0	25	9.9	<3.0	<140	<140	<140	24
NVHOS, Acid Form	11	640	1,800	1,100	390	62	<130	130	850	850
EVE Acid	<2.0	<40	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	47
Hydro-EVE Acid	<2.0	190	54	1,200	910	14	<24	<24	<24	620
R-EVE	6.2 J	1,300 J	230 J	1,300 J	250 J	230 J	130 J	200 J	240 J	360 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<29	7.1	13	3.9	<2.0	<29	<29	<29	<2.0
PFECA B	<2.0	<62	<2.0	<2.0	<2.0	<2.0	<62	<62	<62	<2.0
PFECA-G	<2.0	<29	<2.0	<2.0	<2.0	<2.0	<29	<29	<29	<2.0
PFPrA	550	29,000	50,000 J	34,000	17,000	3,100	2,000	9,000	39,000	17,000
Total Table 3+ (17 compounds)^{2,3}	2,200	150,000	250,000	150,000	94,000	20,000	12,000	36,000	130,000	120,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Corrective Action Plan Sampling Program (Annually)		
	PIW-12	PIW-13	PIW-14
	CAP3Q23-PIW-12-072423 Sample Date: 24-Jul-23	CAP3Q23-PIW-13-072423 Sample Date: 24-Jul-23	CAP3Q23-PIW-14-072423 Sample Date: 24-Jul-23
Hfpo Dimer Acid	1,800	3,100	6,200
PFMOAA	490	520	1,000
PFO2HxA	1,200	2,100	3,800
PFO3OA	190	250	520
PFO4DA	41	<40	160
PFO5DA	<100	<100	<100
PMPA	2,300	4,200	5,000
PEPA	640	1,100	1,600
PS Acid	<40	<40	<40
Hydro-PS Acid	<44	<44	<44
R-PSDA	130 J	260 J	310 J
Hydrolyzed PSDA	<27	<27	<27
R-PSDCA	<140	<140	<140
NVHOS, Acid Form	<130	<130	<130
EVE Acid	<40	<40	<40
Hydro-EVE Acid	<24	<24	<24
R-EVE	130 J	260 J	230 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<29	<29
PFECA B	<62	<62	<62
PFECA-G	<29	<29	<29
PFPrA	1,700	2,800	4,300
Total Table 3+ (17 compounds)^{2,3}	6,700	11,000	18,000

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	LTW-01			LTW-02			LTW-03			LTW-04		
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-01-051723 Sample Date: 17-May-23	CAP3Q23-LTW-01-071323 Sample Date: 13-Jul-23	CAP1Q23-LTW-02-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-02-051723 Sample Date: 17-May-23	CAP3Q23-LTW-02-071223 Sample Date: 12-Jul-23	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	CAP2Q23-LTW-03-052323 Sample Date: 23-May-23	CAP3Q23-LTW-03-071223 Sample Date: 12-Jul-23	CAP1Q23-LTW-04-021723 Sample Date: 17-Feb-23	CAP2Q23-LTW-04-052323 Sample Date: 23-May-23	CAP3Q23-LTW-04-071123 Sample Date: 11-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<2.0	<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	<2.0 UJ	<2.0	<2.0	<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	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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 UJ	<2.0	<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 UJ	<4.0	<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 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
DONA	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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 UJ	<5.0	<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 UJ	<2.0	<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 UJ	<2.0	<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 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Perfluorobutane Sulfonic Acid	4.2	4.7 J	3.6	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	2.2	<2.0	
Perfluorobutanoic Acid	170	110 J	120	30	61 J	86	130	120	130	310	290	
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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	<2.0	
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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	<2.0	
Perfluorohexane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Perfluorohexanoic Acid	46	48 J	44	4.7	11 J	11	26	28	25	66	52	
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	<2.0	
Perfluorohexane Sulfonic Acid	6	6.3 J	5.2	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	3.3	<2.0	
Perfluorohexanoic Acid	22	23 J	23	3.3	8.4 J	11	16	17	16	35	34	
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Perfluorononanoic Acid	<2.0	2.3 J	<2.0	<2.0	<2.0 UJ	<2.0	<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	<2.0	
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Perfluoropentanoic Acid	320	250 J	260	99	190 J	250	600	690	750	1,200	1,100	
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0	<2.0 UJ	<2.0	<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	<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	<2.0	
PFOA	41	49 J	39	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	10	11	
PFOS	9.9 J	22 J	11 J	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	LTW-05			OW-28			OW-33			PIW-1D		
	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23	CAP3Q23-LTW-05-071123 Sample Date: 11-Jul-23	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	CAP2Q23-OW-28-052523 Sample Date: 25-May-23	CAP3Q23-OW-28-071123 Sample Date: 11-Jul-23	CAP1Q23-OW-33-021423 Sample Date: 14-Feb-23	CAP2Q23-OW-33-051823 Sample Date: 18-May-23	CAP3Q23-OW-33-071223 Sample Date: 12-Jul-23	CAP1Q23-PIW-1D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-1D-052323 Sample Date: 23-May-23	CAP3Q23-PIW-1D-080223 Sample Date: 2-Aug-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<67
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<24 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0 UJ	<4.0	<4.0	<4.0	<140
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<250
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<24
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<130
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<87 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<120
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	2	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<20
Perfluorobutanoic Acid	230	170	170	51	51	46	45	60 J	62	83	59	<240
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<32
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<97
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<55
Perfluorohexane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<19
Perfluorohexanoic Acid	210	200	210	7.2	7.3	6.5	5.6	7.6 J	7.1	16	19	<25
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<89
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<57
Perfluorohexanoic Acid	38	52	43	9.9	12	9.1	7.8	10 J	10	9.5	11	<58
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<37
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<27
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<94
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<30
Perfluoropentanoic Acid	1,300	1,700	1,600	68	75	73	93	120 J	130	150	140	160
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<73
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<130
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<110
PFOA	4.1	4.1	2.1	4.3	4	3.3	<2.0	2.2 J	<2.0	18	19	<85
PFOS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<54

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
 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, R-EVE, and PFPrA.
Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)											
	PIW-1S			PIW-3D			PIW-7D			PIW-7S		
	CAP1Q23-PIW-1S-021623 Sample Date: 16-Feb-23	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	CAP1Q23-PIW-3D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-3D-051723 Sample Date: 17-May-23	CAP3Q23-PIW-3D-071323 Sample Date: 13-Jul-23	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7D-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7D-071123 Sample Date: 11-Jul-23	CAP1Q23-PIW-7S-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7S-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7S-071123 Sample Date: 11-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<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	<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	<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	<2.0	<2.0	
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	--	--	<4.0	<4.0 UJ	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	
6:2 Fluorotelomer sulfonate	<5.0	--	--	<5.0	<5.0 UJ	<5.0	<5.0	<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	<2.0	<2.0	
DONA	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<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	<5.0	<5.0	
N-ethylperfluoro-1-octanesulfonamide	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<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	<2.0	<2.0	
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Perfluorobutane Sulfonic Acid	<2.0	--	--	2.2	2.1 J	2.3	<2.0	<2.0	<2.0	3.6	2.8	2.5
Perfluorobutanoic Acid	51	--	--	110	73 J	79	290	150	160	210	120	100
Perfluorodecane Sulfonic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<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	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<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	<2.0
Perfluorohexane Sulfonic Acid (PFHpS)	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	18	--	--	32	32 J	33	140	81	85	71	52	41
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	8.6	--	--	3.4	3.5 J	3.7	<2.0	<2.0	<2.0	4.1	3.5	3.0
Perfluorohexanoic Acid	7.7	--	--	15	14 J	16	49	33	30	30	26	19
Perfluorononanesulfonic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	4.1	--	--	5.2	4.8 J	5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<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	<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	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	78	--	--	150	150 J	150	1,500	1,300	1,400	630	530	470
Perfluorotetradecanoic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	--	--	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	69	--	--	44	43 J	42	4.5	2.9	2.0	17	14	9.6
PFOS	22	--	--	15	14 J	14	<2.0	<2.0	<2.0	6.4 J	5.4 J	<2.0

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
 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, R-EVE, and PFPrA.
Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Mass Loading Model Sampling Program (Quarterly)								
	PW-04			PZ-22			SMW-12		
	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP3Q23-PW-04-072823 Sample Date: 28-Jul-23	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP3Q-PZ-22-071123 Sample Date: 11-Jul-23	CAP1Q23-SMW-12-022323 Sample Date: 23-Feb-23	CAP2Q23-SMW-12-051723 Sample Date: 17-May-23	CAP3Q23-SMW-12-071823 Sample Date: 18-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<67	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<61
11Cl-PF3OUdS	<2.0	<2.0	<32	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<29
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<46	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<42
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<24	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<22
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<85	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<77
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<140	<4.0	<4.0	<4.0	<4.0	<4.0 UJ	<130
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<250	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<230
9Cl-PF3ONS	<2.0	<2.0	<24	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<22
DONA	<2.0	<2.0	<40	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<36
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<130	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<120
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<87	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<79
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<43	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<39
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<120	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<110
Perfluorobutane Sulfonic Acid	<2.0	<2.0	32	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<18
Perfluorobutanoic Acid	8.3	10	<240	120	110	120	19	25 J	<220
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<32	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<29
Perfluorodecanoic Acid	<2.0	<2.0	<31	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<28
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<97	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<88
Perfluorododecanoic Acid	<2.0	<2.0	<55	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<50
Perfluorooheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<19	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<17
Perfluorooheptanoic Acid	6.6	8.8	<25	20	34	30	<2.0	<2.0 UJ	<23
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<89	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<81
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<57	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<52
Perfluorohexanoic Acid	2.7	3.5	<58	17	19	18	<2.0	2.5 J	<53
Perfluorononanesulfonic Acid	<2.0	<2.0	<37	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<34
Perfluorononanoic Acid	<2.0	<2.0	<27	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<25
Perfluorooctadecanoic Acid	<2.0	<2.0	<94	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<86
Perfluorooctane Sulfonamide	<2.0	<2.0	<98	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<89
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<30	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<27
Perfluoropentanoic Acid	18	21	<49	820	930	1,100	43	62 J	73
Perfluorotetradecanoic Acid	<2.0	<2.0	<73	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<67
Perfluorotridecanoic Acid	<2.0	<2.0	<130	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<120
Perfluoroundecanoic Acid	<2.0	<2.0	<110	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<100
PFOA	<2.0	<2.0	<85	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<77
PFOS	<2.0	<2.0	<54	<2.0	<2.0	<2.0	<2.0	17 J	<49

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually) ⁴							
	OW-4R	OW-30		OW-32	OW-37	OW-40		OW-51
	CAP3Q23-OW-4R-080423 Sample Date: 4-Aug-23	CAP1Q23-OW-30-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-30-071323 Sample Date: 13-Jul-23	CAP3Q23-OW-32-090823 Sample Date: 8-Sep-23	CAP3Q23-OW-37-081023 Sample Date: 10-Aug-23	CAP1Q23-OW-40-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-40-071323 Sample Date: 13-Jul-23	CAP3Q23-OW-51-080323 Sample Date: 3-Aug-23
10:2 Fluorotelomer sulfonate	<67	<2.0	<2.0	<67	<67 UJ	<2.0	<2.0	<67
11Cl-PF3OUdS	<32	<2.0	<2.0	<32	<32 UJ	<2.0	<2.0	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<2.0	<2.0	<46	<46 UJ	<2.0	<2.0	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<2.0	<2.0	<24	<24 UJ	<2.0	<2.0	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<2.0	<2.0	<85	<85 UJ	<2.0	<2.0	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<4.0	<4.0	<140	<140 UJ	<4.0	<4.0	<140
6:2 Fluorotelomer sulfonate	<250	<5.0	<5.0	<250	<250 UJ	<5.0	<5.0	<250
9Cl-PF3ONS	<24	<2.0	<2.0	<24	<24 UJ	<2.0	<2.0	<24
DONA	<40	<2.0	<2.0	<40	<40 UJ	<2.0	<2.0	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<5.0	<5.0	<130	<130 UJ	<5.0	<5.0	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<2.0	<2.0	<87	<87 UJ	<2.0	<2.0	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<2.0	<2.0	<43	<43 UJ	<2.0	<2.0	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<5.0	<5.0	<120	<120 UJ	<5.0	<5.0	<120
Perfluorobutane Sulfonic Acid	<20	<2.0	<2.0	<20	<20 UJ	<2.0	<2.0	<20
Perfluorobutanoic Acid	<240	150	95	<240	<240 UJ	60	43	530
Perfluorodecane Sulfonic Acid	<32	<2.0	<2.0	<32	<32 UJ	<2.0	<2.0	<32
Perfluorodecanoic Acid	<31	<2.0	<2.0	<31	<31 UJ	<2.0	<2.0	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<2.0	<2.0	<97	<97 UJ	<2.0	<2.0	<97
Perfluorododecanoic Acid	<55	<2.0	<2.0	<55	<55 UJ	<2.0	<2.0	<55
Perfluorohexane Sulfonic Acid (PFHpS)	<19	<2.0	<2.0	<19	<19 UJ	<2.0	<2.0	<19
Perfluorohexanoic Acid	90	12	7.0	<25	<25 UJ	16	18	400
Perfluorohexadecanoic Acid (PFHxDA)	<89	<2.0	<2.0	<89	<89 UJ	<2.0	<2.0	<89
Perfluorohexane Sulfonic Acid	<57	<2.0	<2.0	<57	<57 UJ	<2.0	<2.0	<57
Perfluorohexanoic Acid	<58	16	13	<58	<58 UJ	11	11	140
Perfluorononanesulfonic Acid	<37	<2.0	<2.0	<37	<37 UJ	<2.0	<2.0	<37
Perfluorononanoic Acid	<27	<2.0	<2.0	<27	<27 UJ	<2.0	<2.0	<27
Perfluorooctadecanoic Acid	<94	<2.0	<2.0	<94	<94 UJ	<2.0	<2.0	<94
Perfluorooctane Sulfonamide	<98	<2.0	<2.0	<98	<98 UJ	<2.0	<2.0	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<2.0	<2.0	<30	<30 UJ	<2.0	<2.0	<30
Perfluoropentanoic Acid	480	530	340	<49	55 J	120	74	2,700
Perfluorotetradecanoic Acid	<73	<2.0	<2.0	<73	<73 UJ	<2.0	<2.0	<73
Perfluorotridecanoic Acid	<130	<2.0	<2.0	<130	<130 UJ	<2.0	<2.0	<130
Perfluoroundecanoic Acid	<110	<2.0	<2.0	<110	<110 UJ	<2.0	<2.0	<110
PFOA	<85	<2.0	<2.0	<85	<85 UJ	2.3	<2.0	<85
PFOS	<54	<2.0	<2.0	<54	<54 UJ	<2.0	<2.0	<54

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
 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, R-EVE, and PFPrA.
 4 - Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)							
	OW-54		OW-55		OW-56		OW-57	
	CAP1Q23-OW-54-021623 Sample Date: 16-Feb-23	Not Sampled in 3Q 2023 (Dry)	CAP1Q23-OW-55-021623 Sample Date: 16-Feb-23	CAP3Q23-OW-55-072523 Sample Date: 25-Jul-23	CAP1Q23-OW-56-022123 Sample Date: 21-Feb-23	CAP3Q23-OW-56-073123 Sample Date: 31-Jul-23	CAP1Q23-OW-57-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-57-073123 Sample Date: 31-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	--	<2.0	<67	<2.0	<67	<2.0	<67
11Cl-PF3OUdS	<2.0	--	<2.0	<32	<2.0	<32	<2.0	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	--	<2.0	<46	<2.0	<46	<2.0	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	--	<2.0	<24	<2.0	<24	<2.0	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	--	<2.0	<85	<2.0	<85	<2.0	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	--	<4.0	<140	<4.0	<140	<4.0	<140
6:2 Fluorotelomer sulfonate	<5.0	--	<5.0	<250	<5.0	<250	<5.0	<250
9Cl-PF3ONS	<2.0	--	<2.0	<24	<2.0	<24	<2.0	<24
DONA	<2.0	--	<2.0	<40	<2.0	<40	<2.0	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	<5.0	<130	<5.0	<130	<5.0	<130
N-ethylperfluoro-1-octanesulfonamide	<2.0	--	<2.0	<87	<2.0	<87	<2.0	<87
N-methyl perfluoro-1-octanesulfonamide	<2.0	--	<2.0	<43	<2.0	<43	<2.0	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	<5.0	<120	<5.0	<120	<5.0	<120
Perfluorobutane Sulfonic Acid	2.3	--	<2.0	<20	2.5	33	4.1	33
Perfluorobutanoic Acid	23	--	18	<240	22	<240	140	<240
Perfluorodecane Sulfonic Acid	<2.0	--	<2.0	<32	<2.0	<32	<2.0	<32
Perfluorodecanoic Acid	<2.0	--	<2.0	<31	<2.0	<31	<2.0	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	--	<2.0	<97	<2.0	<97	<2.0	<97
Perfluorododecanoic Acid	<2.0	--	<2.0	<55	<2.0	<55	<2.0	<55
Perfluorohexane Sulfonic Acid (PFHpS)	<2.0	--	<2.0	<19	<2.0	<19	<2.0	<19
Perfluorohexanoic Acid	9.3	--	<2.0	<25	3.5	<25	71	86
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	--	<2.0	<89	<2.0	<89	<2.0	<89
Perfluorohexane Sulfonic Acid	<2.0	--	<2.0	<57	<2.0	<57	2.3	<57
Perfluorohexanoic Acid	5.3	--	2.6	<58	6.7	<58	63	97
Perfluorononanesulfonic Acid	<2.0	--	<2.0	<37	<2.0	<37	<2.0	<37
Perfluorononanoic Acid	<2.0	--	<2.0	<27	<2.0	<27	<2.0	<27
Perfluorooctadecanoic Acid	<2.0	--	<2.0	<94	<2.0	<94	<2.0	<94
Perfluorooctane Sulfonamide	<2.0	--	<2.0	<98	<2.0	<98	<2.0	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	--	<2.0	<30	<2.0	<30	<2.0	<30
Perfluoropentanoic Acid	40	--	27	<49	44	56	320	380
Perfluorotetradecanoic Acid	<2.0	--	<2.0	<73	<2.0	<73	<2.0	<73
Perfluorotridecanoic Acid	<2.0	--	<2.0	<130	<2.0	<130	<2.0	<130
Perfluoroundecanoic Acid	<2.0	--	<2.0	<110	<2.0	<110	<2.0	<110
PFOA	17	--	<2.0	<85	2.7	<85	750	1,000
PFOS	<2.0	--	<2.0	<54	<2.0	<54	<2.0	<54

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)									
	PIW-4D	PIW-5SR	PIW-6S	PIW-8D	PIW-10DR	PIW-10S	PIW-11	PIW-15	PW-10RR	PW-11
	CAP3Q23-PIW-4D-071323 Sample Date: 13-Jul-23	CAP3Q23-PIW-5SR-080423 Sample Date: 4-Aug-23	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAP3Q23-PIW-10S-071323 Sample Date: 13-Jul-23	CAP3Q23-PIW-11-073123 Sample Date: 31-Jul-23	CAP3Q23-PIW-15-072523 Sample Date: 25-Jul-23	CAP3Q23-PW-10RR-080323 Sample Date: 3-Aug-23	CAP3Q23-PW-11-070723 Sample Date: 7-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	<67	<2.0	<2.0	<2.0	<2.0	<67	<67	<67	<2.0
11Cl-PF3OUdS	<2.0	<32	<2.0	<2.0	<2.0	<2.0	<32	<32	<32	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<46	<2.0	<2.0	<2.0	<2.0	<46	<46	<46	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<24	<2.0	<2.0	<2.0	<2.0	<24	<24	<24	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<85	<2.0	<2.0	<2.0	<2.0	<85	<85	<85	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<140	<4.0	<4.0	<4.0	<4.0	<140	<140	<140	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<250	<5.0	9.4	<5.0	<5.0	<250	<250	<250	<5.0
9Cl-PF3ONS	<2.0	<24	<2.0	<2.0	<2.0	<2.0	<24	<24	<24	<2.0
DONA	<2.0	<40	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<130	<5.0	<5.0	<5.0	<5.0	<130	<130	<130	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<87	<2.0	<2.0	<2.0	<2.0	<87	<87	<87	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<43	<2.0	<2.0	<2.0	<2.0	<43	<43	<43	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<120	<5.0	<5.0	<5.0	<5.0	<120	<120	<120	<5.0
Perfluorobutane Sulfonic Acid	<2.0	<20	<2.0	<2.0	<2.0	<2.0	29	<20	<20	2.1
Perfluorobutanoic Acid	<5.0	780	150	310	130	47	<240	<240	<240	100
Perfluorodecane Sulfonic Acid	<2.0	<32	<2.0	<2.0	<2.0	<2.0	<32	<32	<32	<2.0
Perfluorodecanoic Acid	<2.0	<31	<2.0	<2.0	<2.0	<2.0	<31	<31	<31	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<97	<2.0	<2.0	<2.0	<2.0	<97	<97	<97	<2.0
Perfluorododecanoic Acid	<2.0	<55	<2.0	<2.0	<2.0	<2.0	<55	<55	<55	<2.0
Perfluorooheptane Sulfonic Acid (PFHpS)	<2.0	<19	<2.0	<2.0	<2.0	<2.0	<19	<19	<19	<2.0
Perfluorooheptanoic Acid	<2.0	80	23	250	76	11	<25	<25	<25	100
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<89	<2.0	<2.0	<2.0	<2.0	<89	<89	<89	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<57	<2.0	<2.0	<2.0	<2.0	<57	<57	<57	2.8
Perfluorohexanoic Acid	<2.0	<58	17	75	29	8.6	<58	<58	<58	26
Perfluorononanesulfonic Acid	<2.0	<37	<2.0	<2.0	<2.0	<2.0	<37	<37	<37	<2.0
Perfluorononanoic Acid	<2.0	<27	<2.0	<2.0	<2.0	<2.0	<27	<27	<27	22
Perfluorooctadecanoic Acid	<2.0	<94	<2.0	<2.0	<2.0	<2.0	<94	<94	<94	<2.0
Perfluorooctane Sulfonamide	<2.0	<98	<2.0	<2.0	<2.0	<2.0	<98	<98	<98	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<30	<2.0	<2.0	<2.0	<2.0	<30	<30	<30	<2.0
Perfluoropentanoic Acid	11	1,100	820	1,700	350	59	63	140	710	420
Perfluorotetradecanoic Acid	<2.0	<73	<2.0	<2.0	<2.0	<2.0	<73	<73	<73	<2.0
Perfluorotridecanoic Acid	<2.0	<130	<2.0	<2.0	<2.0	<2.0	<130	<130	<130	<2.0
Perfluoroundecanoic Acid	<2.0	<110	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<2.0
PFOA	<2.0	<85	<2.0	2.5	4.1	9.1	<85	<85	<85	42
PFOS	<2.0	<54	<2.0	<2.0	<2.0	<2.0	<54	<54	<54	4.7

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	Corrective Action Plan Sampling Program (Annually)		
	PIW-12	PIW-13	PIW-14
	CAP3Q23-PIW-12-072423 Sample Date: 24-Jul-23	CAP3Q23-PIW-13-072423 Sample Date: 24-Jul-23	CAP3Q23-PIW-14-072423 Sample Date: 24-Jul-23
10:2 Fluorotelomer sulfonate	<67	<67	<67
11Cl-PF3OUdS	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<250	<250
9Cl-PF3ONS	<24	<24	<24
DONA	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<20	<20
Perfluorobutanoic Acid	<240	<240	<240
Perfluorodecane Sulfonic Acid	<32	<32	<32
Perfluorodecanoic Acid	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<97	<97
Perfluorododecanoic Acid	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<19	<19
Perfluoroheptanoic Acid	<25	<25	<25
Perfluorohexadecanoic Acid (PFHxDA)	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<57	<57
Perfluorohexanoic Acid	<58	<58	<58
Perfluorononanesulfonic Acid	<37	<37	<37
Perfluorononanoic Acid	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<30	<30
Perfluoropentanoic Acid	<49	<49	80
Perfluorotetradecanoic Acid	<73	<73	<73
Perfluorotridecanoic Acid	<130	<130	<130
Perfluoroundecanoic Acid	<110	<110	<110
PFOA	<85	<85	<85
PFOS	<54	<54	<54

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	WC-1					WC-2					WC-3				
	CAP3Q22-WC-1-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-1-24-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-1-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-1-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-1-24-072723 WC-1 Sample Date: 27-Jul-23	CAP3Q22-WC-2-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-2-22-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-2-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-2-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-2-24-072723 WC-2 Sample Date: 27-Jul-23	CAP3Q22-WC-3-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-3-24-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-3-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-3-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-3-24-072723 WC-3 Sample Date: 27-Jul-23
Hfpo Dimer Acid	560	580	310	430	360	320	490	180	290	260	180	190	100	150	130
PFMOAA	1,300	1,900	480	830	970	250	1,000	300	360	610	45	72	35	55	58
PFO2HxA	650	960	280	500	500	250	640	160	280	350	140	190	74	130	140
PFO3OA	130	160	45	90	87	40	89	21	42	55	19	21	8.7	16	19
PFO4DA	25	29	10	15	16	12	17	4.5	8.2	10	5.3	4.8	2.1	3.5	5.1
PFO5DA	<3.9	<7.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.1
PMPA	640	790	340	430	490	330	570	240	310	410	230	260	160	190	200
PEPA	150	200	74	120	120	70	150	52	86	92	45	70	32	53	50
PS Acid	<2.0	2.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	14	14	8	11	12	12	11	7.2	8.2	9.5	9.3	7.8	6.5	6.8	7.8
R-PSDA	42 J	36 J	30 J	86 J	170 J	26 J	31 J	18 J	49 J	96 J	<2.0	12 J	15 J	32 J	65 J
Hydrolyzed PSDA	230 J	230 J	190 J	380 J	290 J	44 J	130 J	28 J	44 J	75 J	<2.0	<2.0	<2.0	<2.0	7.6 J
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<2.0	<3.0
NVHOS, Acid Form	21	30	14	20	25	8.3	19	5.7	8.6	16	4.6	3.2	2.5	2.8	<3.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	9.9	13	5.1	6.7	7.4	4.5	12	<2.0	3.1	2.2	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	24 J	16 J	14 J	38 J	59 J	9.4 J	19 J	9.6 J	28 J	41 J	5.6 J	6.1 J	7.5 J	16 J	23 J
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	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.4	<4.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFPrA	--	--	--	--	500	--	--	--	--	360	--	--	--	--	180
Total Table 3+ (17 compounds)^{2,3}	3,500	4,700	1,600	2,500	2,600	1,300	3,000	970	1,400	1,800	680	820	420	610	610

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
 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, R-EVE, and PFPrA.
Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 < - Analyte not detected above associated reporting limit.

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #3 (July - Sep 2023)
 Chemours Fayetteville Works
 Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST ¹ (ng/L)	WC-1					WC-2					WC-3				
	CAP3Q22-WC-1-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-1-24-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-1-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-1-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-1-24-072723 WC-1 27-Jul-23	CAP3Q22-WC-2-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-2-24-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-2-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-2-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-2-24-072723 WC-2 27-Jul-23	CAP3Q22-WC-3-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-3-24-110922 Sample Date: 9-Nov-22	CAP1Q23-WC-3-24-022523 Sample Date: 25-Feb-23	CAP2Q23-WC-3-24-051223 Sample Date: 12-May-23	CAP3Q23-WC-3-24-072723 WC-3 27-Jul-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<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	<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	<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	<2.0	<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	<2.0	<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	<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	<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	<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	<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	<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	<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	<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	<5.0	<5.0	<5.0	<5.0	
Perfluorobutane Sulfonic Acid	4.6	3.9	4.4	4.6	4.9	4.4	3.6	4.5	4.6	4.6	4.7	3.1	4.6	4.6	
Perfluorobutanoic Acid	6.6	9.1	7	6.3	9	<5.0	10.0	<5.0	<5.0	7.6	<5.0	<5.0	<5.0	5.8	
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<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	<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	<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	<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	<2.0	<2.0	<2.0	<2.0	
Perfluoroheptanoic Acid	2.4	2.9	<2.0	2.4	2.4	<2.0	2.4	<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	<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	<2.0	<2.0	<2.0	<2.0	
Perfluorohexanoic Acid	3.5	4.1	2.8	3.7	4.3	3.0	3.9	2.6	3.1	3.8	2.6	2.3	2.1	2.7	
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<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	<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	<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	<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	<2.0	<2.0	<2.0	<2.0	
Perfluoropentanoic Acid	13	13	7.8	11	9.9	8.8	13.0	5.0	7.3	8.1	5.5	4.5	3.6	5.1	
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<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	<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	<2.0	<2.0	<2.0	<2.0	
PFOA	9.7	10	5.8	7.7	7.2	3.4	5.1	2.8	3.1	5.6	2.4	<2.0	<2.0	2.1	
PFOS	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	

Notes:

1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.

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, R-EVE, and PFPrA.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

Table 6-5
Passive Flux Meter Darcy Velocity Results
Quarterly Report #3 (Jul - Sep 2023)
 Chemours Fayetteville Works,
 Fayetteville, NC

Well ID ^[1]	Screen Interval (ft bgs)	Deployment:	October 2020	November 2021	July 2022	Average Baseline	August 2023
		Days Deployed:	14	14	14		14
		Units:	cm/day	cm/day	cm/day		cm/day
		Aquifer Unit					
PIW-11	47-57	Black Creek Aquifer	3.6	4.4	6.2	4.7	3.3
PIW-15	34-44	Black Creek Aquifer	3.3	6.2	5.1	4.9	2.9
PIW-1D	25-30	Black Creek Aquifer	5.3	21.9	21.0	16.1	12.6
PIW-3D	19-24	Black Creek Aquifer	7.2	6.5	4.3	6.0	3.2
PIW-4D	32.3-37.3	Black Creek Aquifer	4.5	6.9	8.8	6.7	3.0
PW-10RR ^[2]	61-71	Black Creek Aquifer	6.6	11.5	7.9	8.7	2.3
PIW-6S	18-28	Floodplain Deposits	3.3	6.0	5.3	4.9	2.7
LTW-04	12-27	Floodplain Deposits	--	6.1	3.2	4.7	3.4
PIW-7D	29-34	Black Creek Aquifer	3.2	8.1	5.8	5.7	3.4
PIW-7S	7-17	Floodplain Deposits	8.4	5.2	6.6	6.7	3.2
PIW-8D	35-40	Black Creek Aquifer	3.1	5.3	2.8	3.7	3.1
OW-28	20-30	Black Creek Aquifer	--	--	6.9	6.9	9.1
OW-4R ^[2]	51-61	Black Creek Aquifer	--	3.8	6.1	5.0	5.3
OW-30	49-59	Black Creek Aquifer	--	--	17.2	17.2	18.2
OW-40	49-59	Black Creek Aquifer	--	--	6.3	6.3	6.7
Deployment Average Groundwater Flux			4.9	7.7	7.6	6.7	5.5

Notes:

1 - Well IDs are presented in an approximate north to south order. Results are presented only for wells that had passive flux meters deployed during the current reporting period.

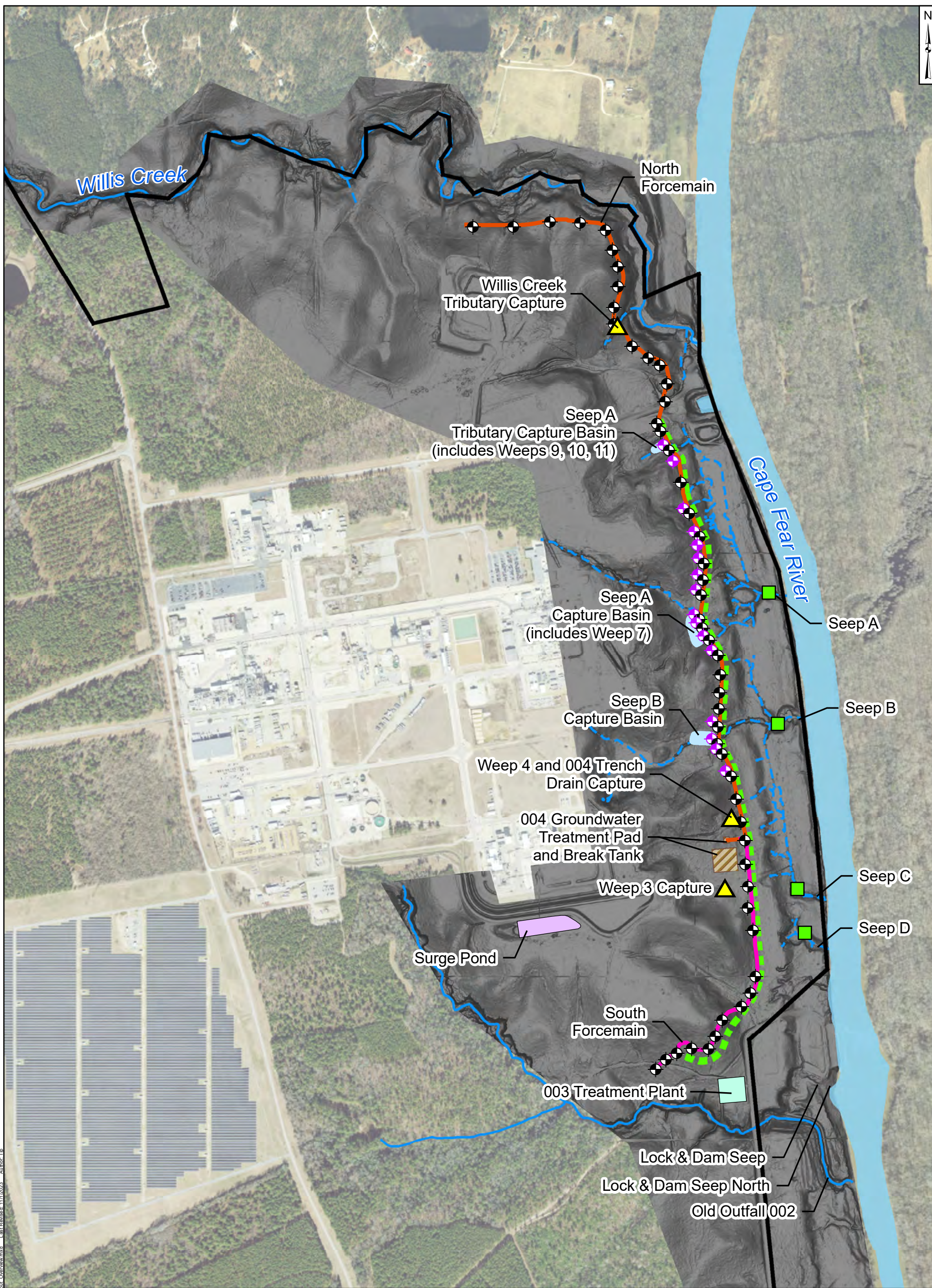
2 - PW-10RR and OW-4R were installed as replacements to the original monitoring wells (PW-10R and OW-4) after the July 2022 deployment and before the August 2023 deployment.

3 - Darcy velocity data reported by EnviroFlux.

ft bgs - feet below ground surface

cm/day - centimeters per day

Figures



Legend	
	Surficial Aquifer Extraction Well
	Black Creek Aquifer Extraction Well
	Ex-situ Capture Location
	Flow-Through Cell
	North Forcemain
	South Forcemain
	Barrier Wall
	Site Boundary
	Seep
	Nearby Tributary to River

Notes:
 1. Surficial Aquifer extraction wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
 2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
 3. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1,000 500 0 1,000 Feet

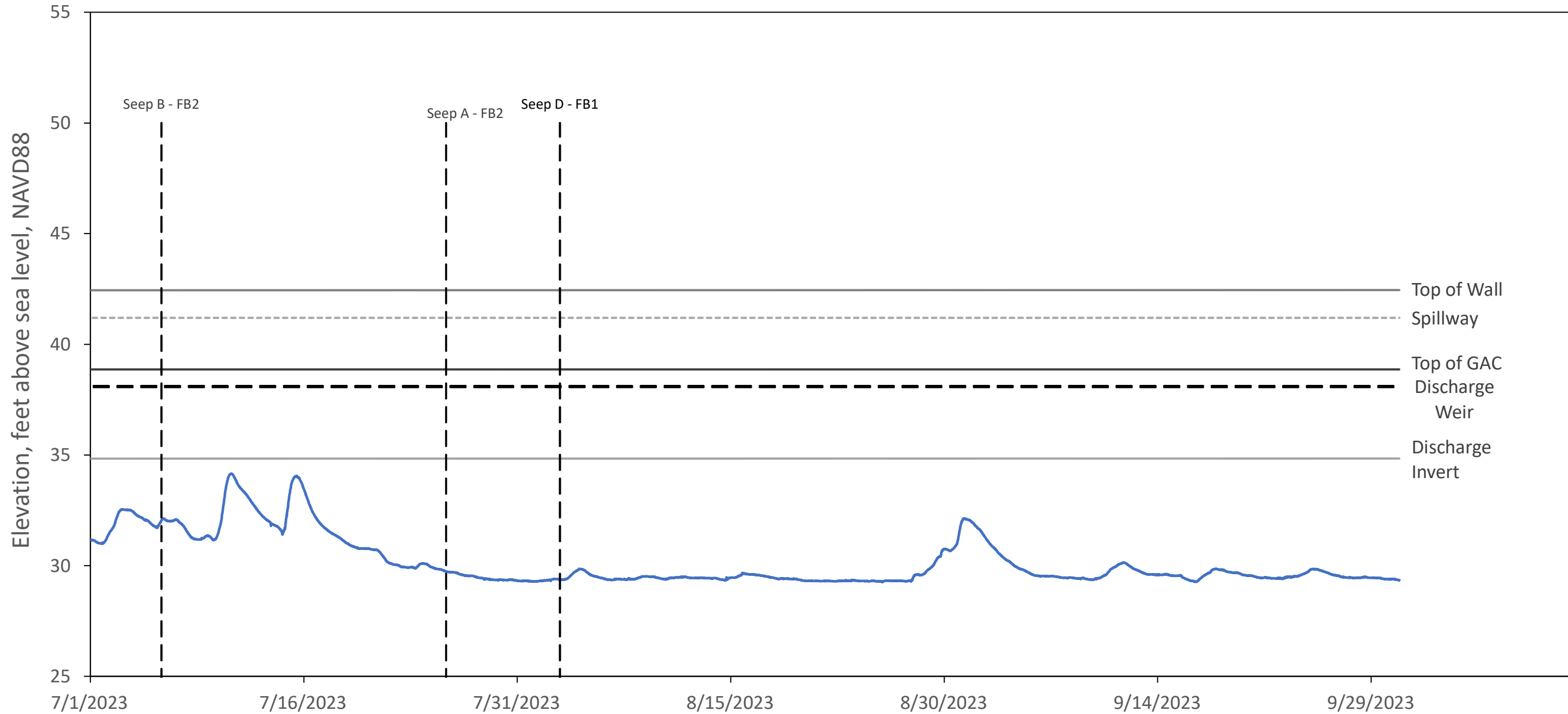
Remedy Layout Overview
 Chemours Fayetteville Works, North Carolina

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

Raleigh December 2023

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

River Elevation During Third Quarter (07/01/2023 through 09/30/2023)



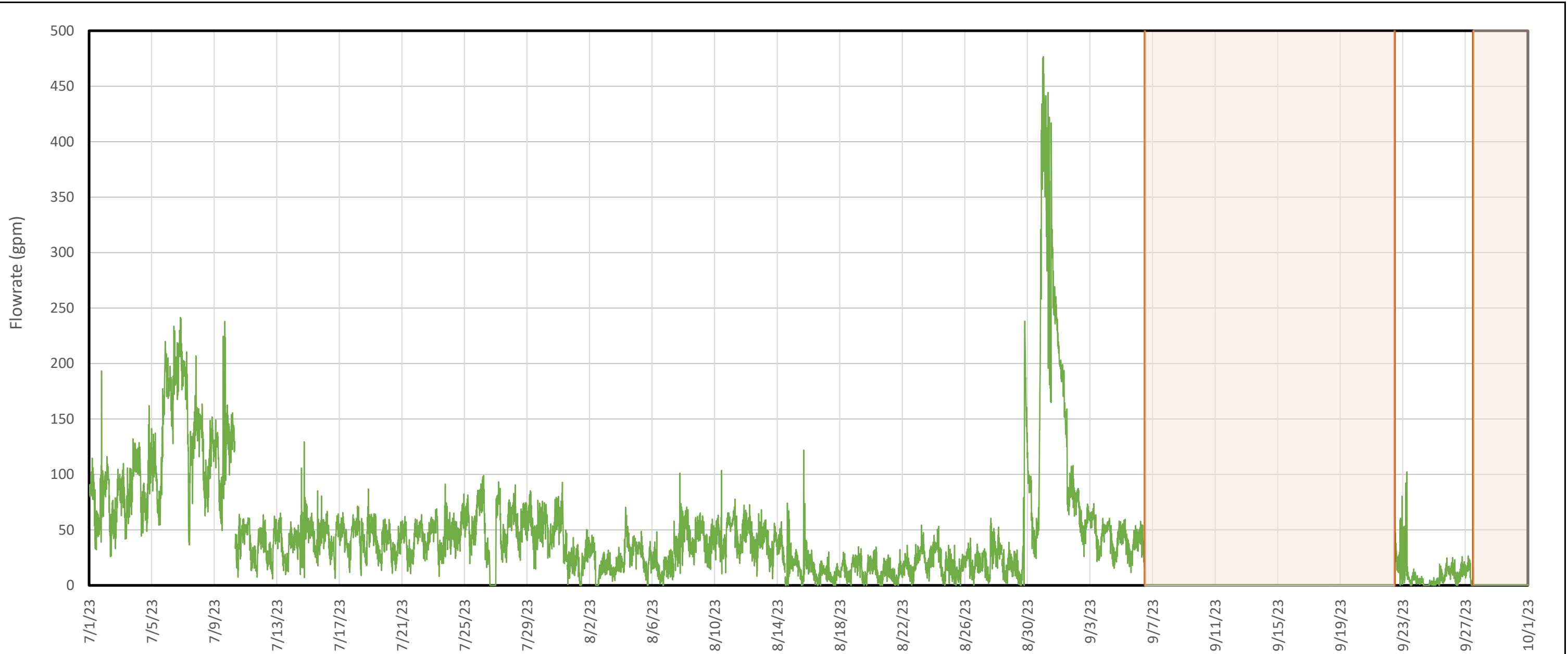
Legend

- River
- - - GAC Changeout

Notes:

As-built survey information for Seep C from RMA Surveying October 2020.
 River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.
 For clarity of presentation, Figure 1 shows Seep C elevations only.
 FB1/FB2 = Filter Bed 1/Filter Bed 2
 GAC = Granular Activated Carbon

River Level During Reporting Period & FTC As-Built Elevations Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure 2-1	



- Legend**
- Measured Discharge Flowrate
 - FTC off, No flow

Flowrate Statistics (gpm)

(07/01 - 09/30)

Median	34
95 th percentile	141
Max	477

Notes:

gpm - gallons per minute

This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

From Sept. 6 to 22, 2023 and Sept. 27 through 30, 2023, the inlet and transfer basin valves were closed for batch mode processing. The flow-through cell experienced no flow (orange shading). See section 2.1.5 for more details.

**FTC Discharge Flowrate
(Jul - Sept 2023) - Seep A**

Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec[®]
consultants

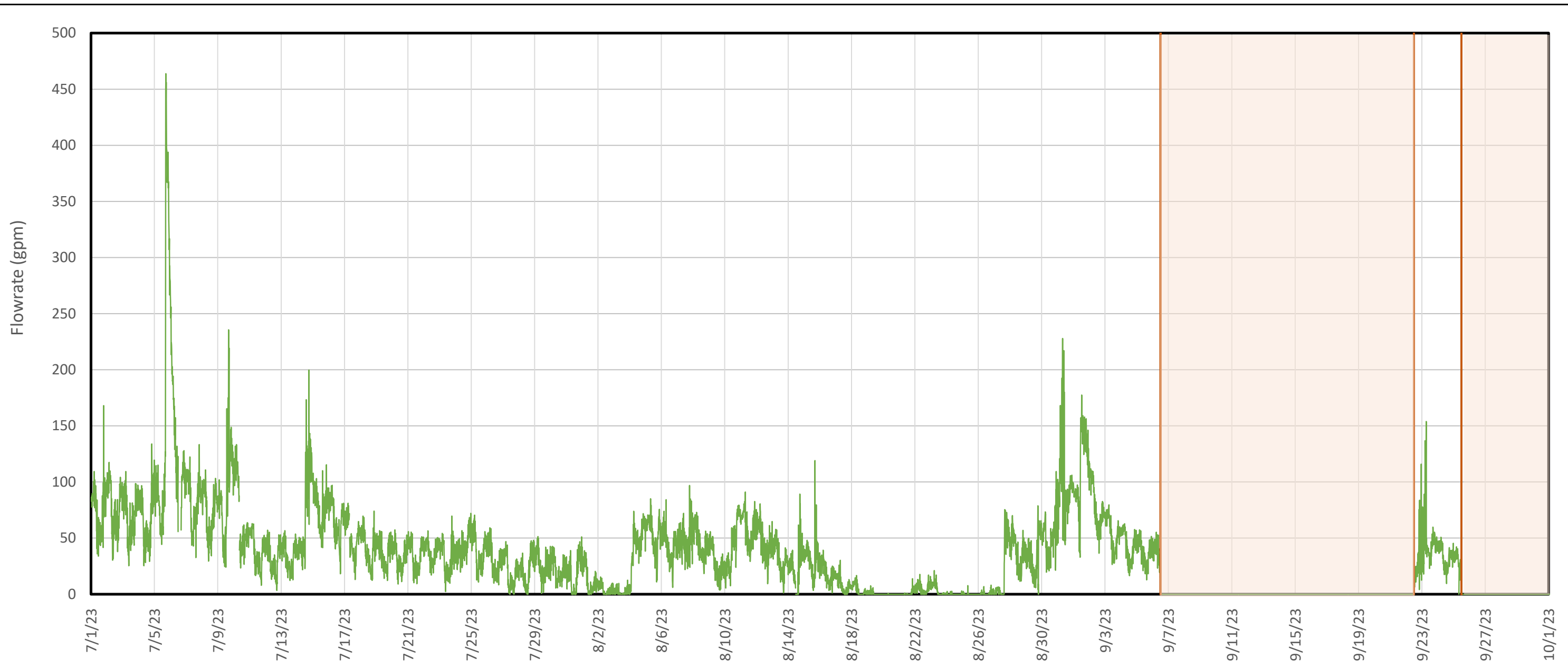
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh, NC

December 2023

Figure

2-2A



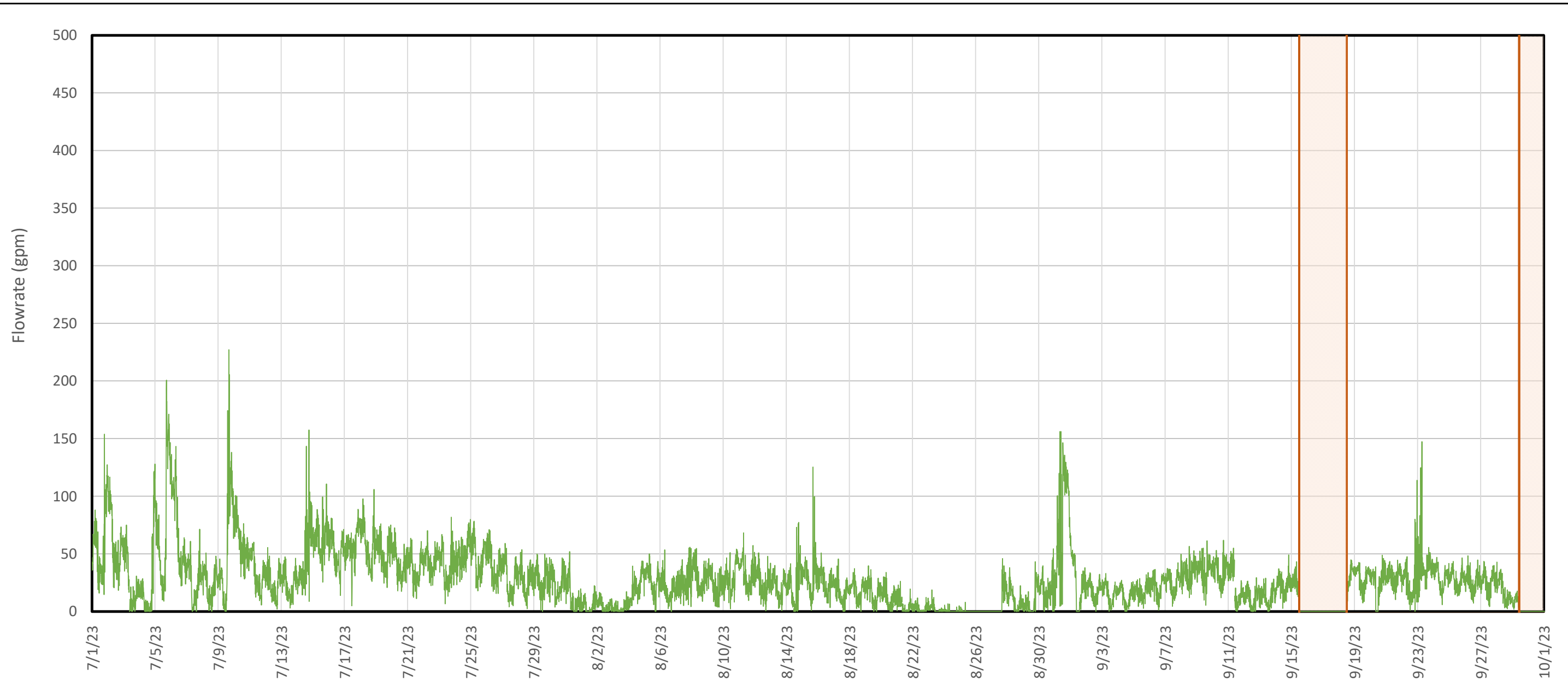
Legend
— Measured Discharge Flowrate
 FTC Off, no flow

Flowrate Statistics (gpm)
(07/01 - 09/30)

Median	34
95 th percentile	100
Max	464

Notes:
 gpm - gallons per minute
 This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data. From Sept. 6 to 22, 2023 and Sept. 25 through 30, 2023, the inlet and transfer basin valves were closed for batch mode processing. The flow-through cell experienced no flow (orange shading). See section 2.1.5 for more details.

FTC Discharge Flowrate (Jul - Sept 2023) - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: C. 3500 and C. 295
Raleigh, NC	December 2023
Figure 2-2B	



Legend
— Measured Discharge Flowrate
 FTC off, no flow

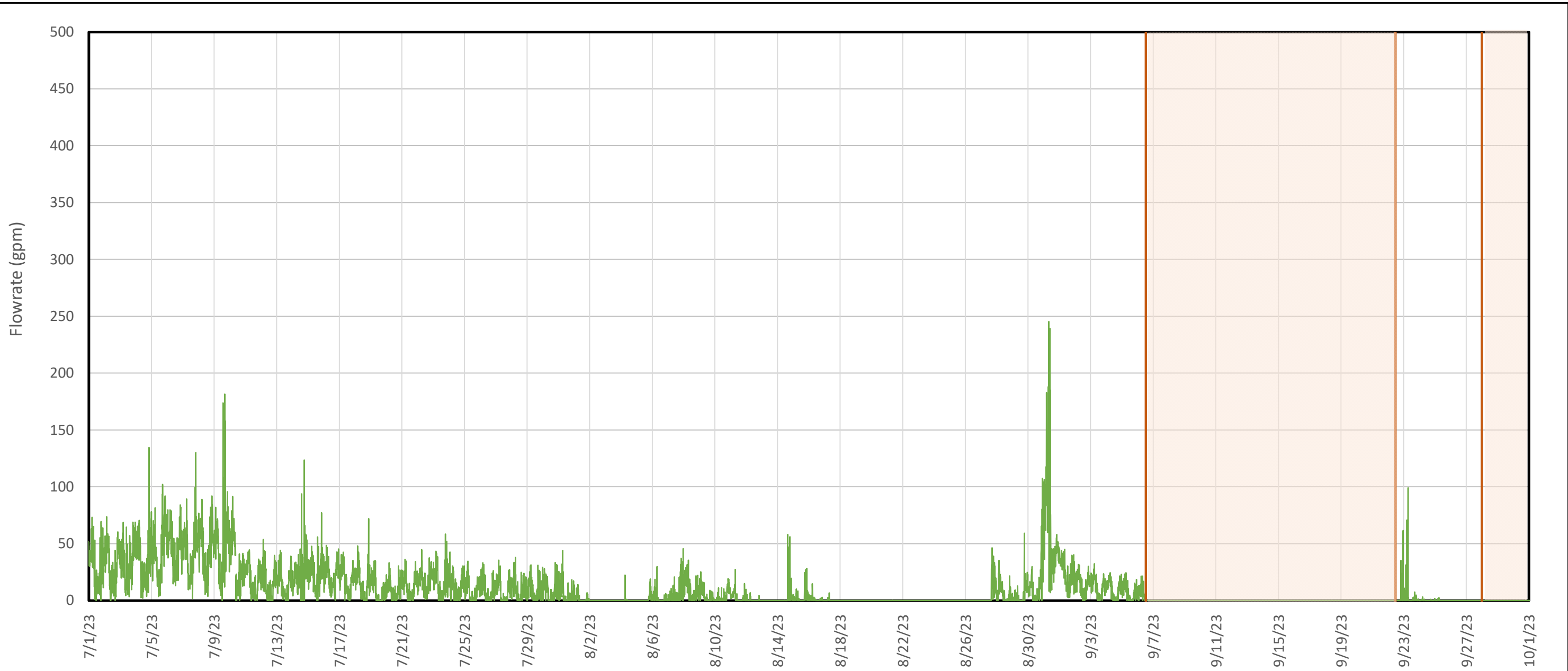
Flowrate Statistics (gpm)

(07/01 - 09/30)

Median	26
95 th percentile	71
Max	227

Notes:
 gpm - gallons per minute
 This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.
 From Sept. 15 to 18, 2023 and Sept. 29 through 30, 2023, the inlet and transfer basin valves were closed for batch mode processing. The flow-through cell experienced no flow (orange shading).
 See section 2.1.5 for more details.

FTC Discharge Flowrate (Jul - Sept 2023) - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
 Geosyntec consultants	Figure
Raleigh, NC	December 2023
2-2C	



Legend

- Measured Discharge Flowrate
- FTC off, no flow

Flowrate Statistics (gpm)

(07/01 - 09/30)

Median	15
95 th percentile	60
Max	245

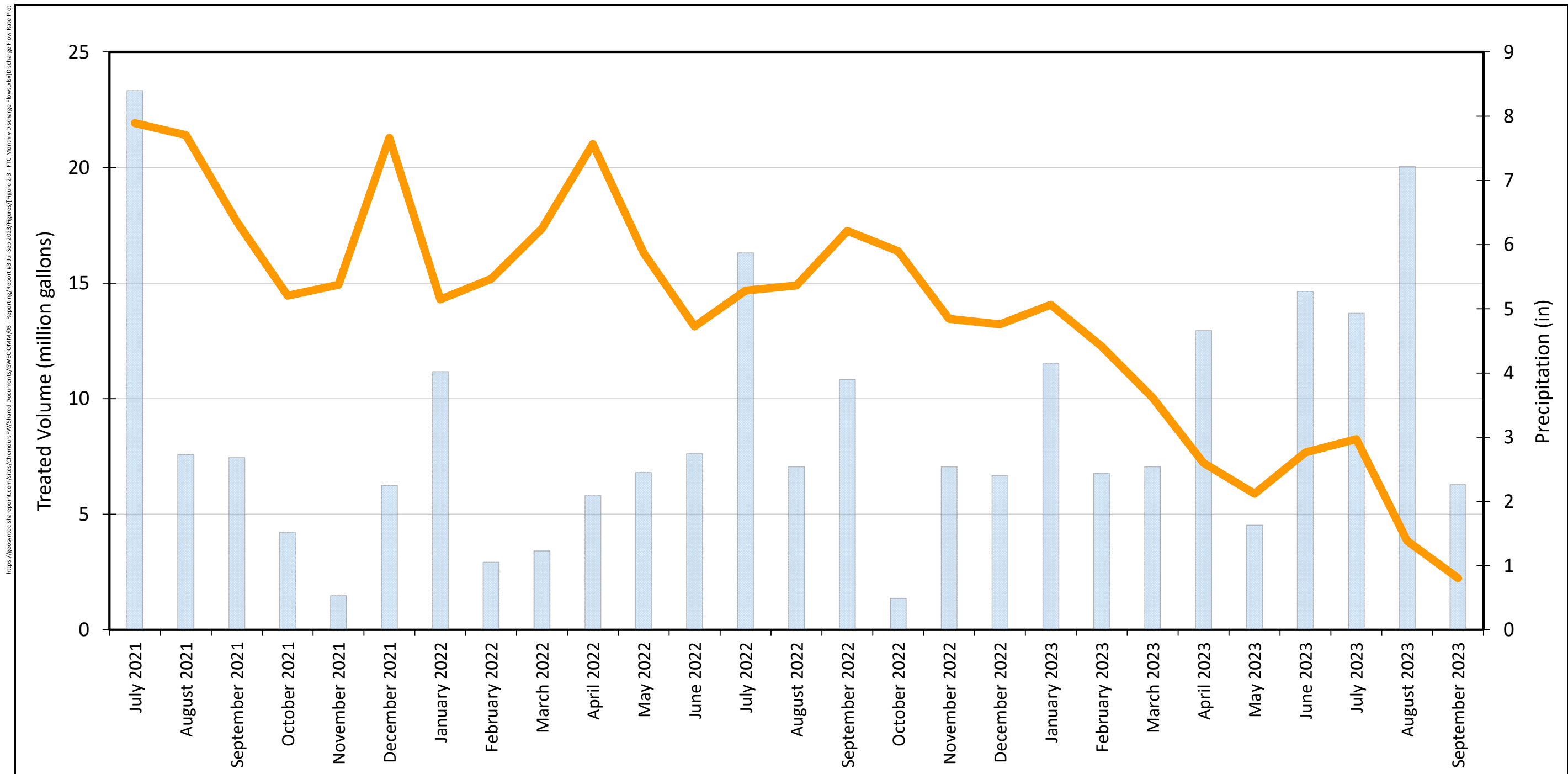
Notes:

gpm - gallons per minute

This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

From Sept. 6 to 22, 2023 and Sept. 27 through 30, 2023, the inlet and transfer basin valves were closed for batch mode processing. The flow-through cell experienced no flow (orange shading). See section 2.1.5 for more details.

FTC Discharge Flowrate (Jul - Sept 2023) - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Figure
Raleigh, NC	December 2023
2-2D	

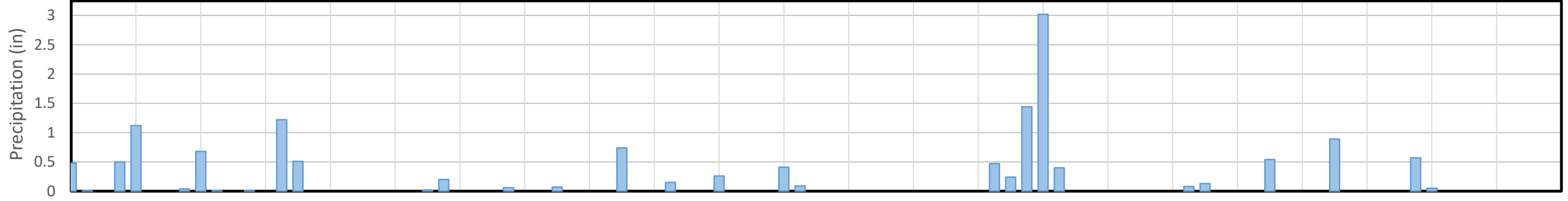
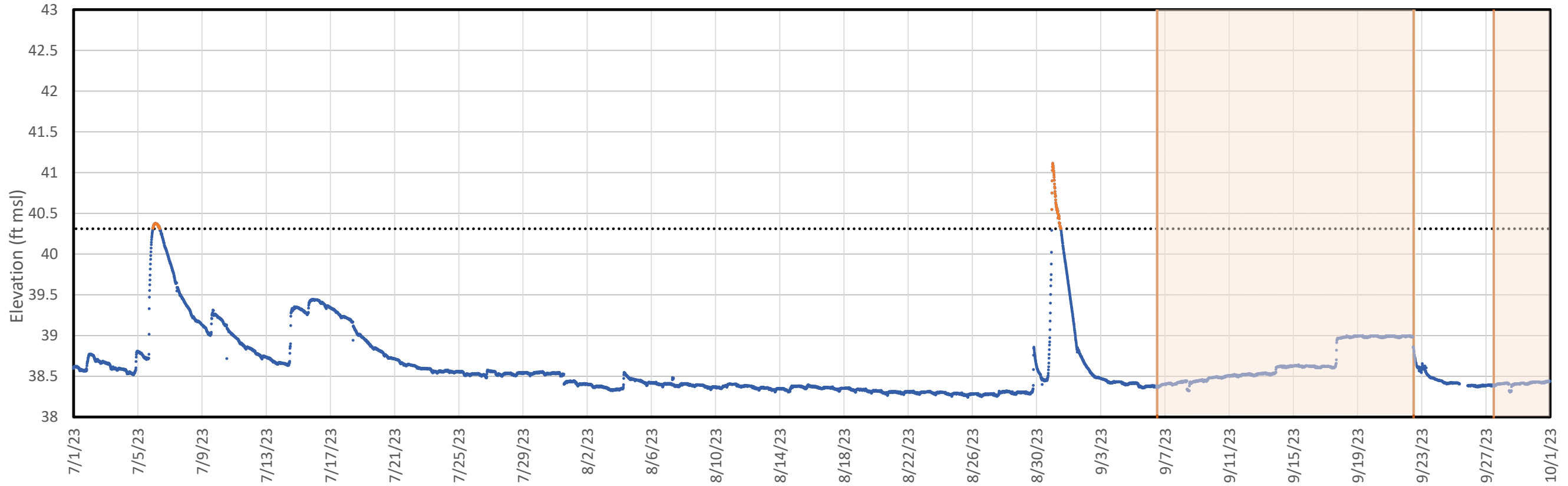


Legend
— Monthly Total Volume Treated by the Flow-Through Cells (FTCs)
■ USGS Precipitation (monthly totals)

Notes:
 The FTCs at Seeps A, B, C, and D became operational by late June 2021. This figure represents the monthly total volume treated by the FTCs beginning July 2021.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023.

FTC Monthly Total Discharge Volumes (July 2021 - September 2023) Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No. C-3500 and C-295
Raleigh, NC	December 2023

Figure 2-3



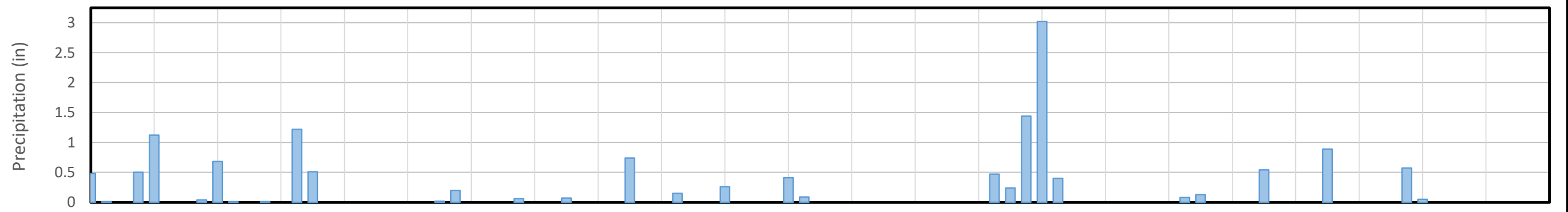
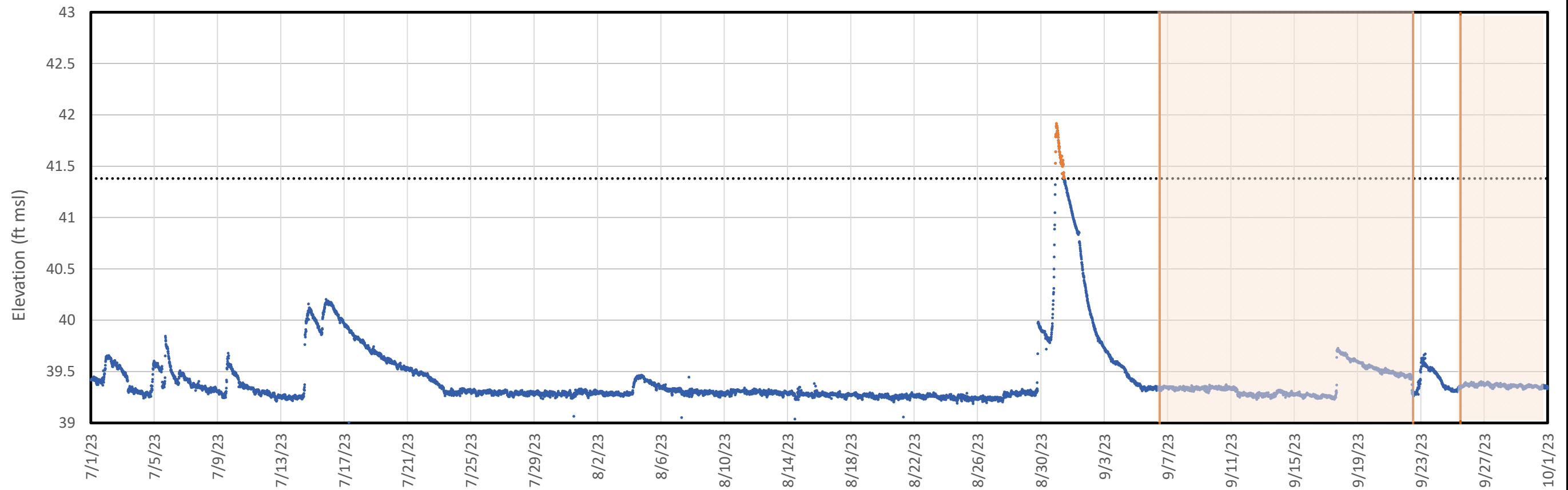
Legend

- Influent Chamber/Impoundment Water Elevation
- - - Impoundment Water Elevation Above Bypass Spillway
- ◆◆◆ Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow

Notes:

This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown as an orange line. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam. Beginning in September, the inlet and transfer basin valves were closed periodically for batch mode processing. During these times, the flow-through cell experienced no flow (orange shading). See Section 2.1.5 for more details.

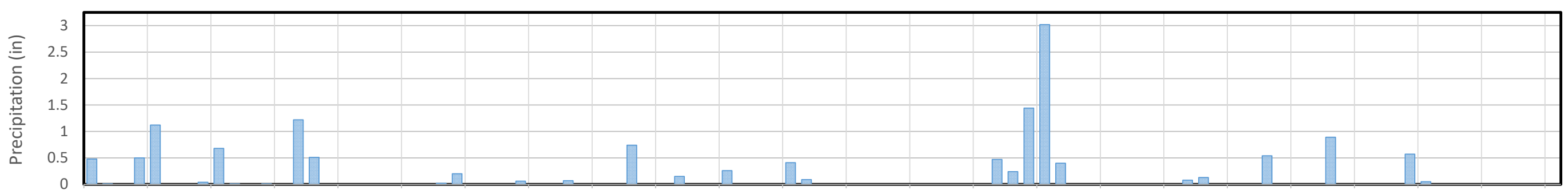
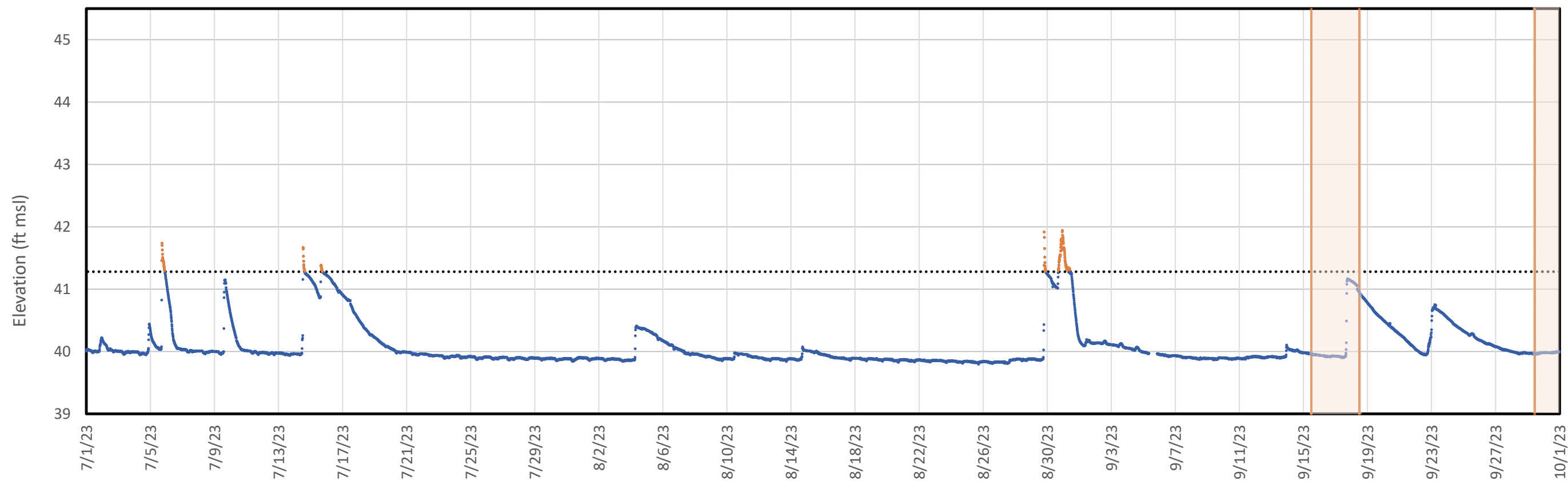
FTC Influent Water Elevation (Jul - Sept 2023) - Seep A Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure 2-4A	



- Legend**
- Influent Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆ Bypass Spillway Elevation
 - USGS Precipitation (daily totals)
 - FTC Off, no flow

Notes:
 This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown as an orange line.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 Beginning in September, the inlet and transfer basin valves were closed periodically for batch mode processing. During these times, the flow-through cell experienced no flow (orange shading).
 See Section 2.1.5 for more details.

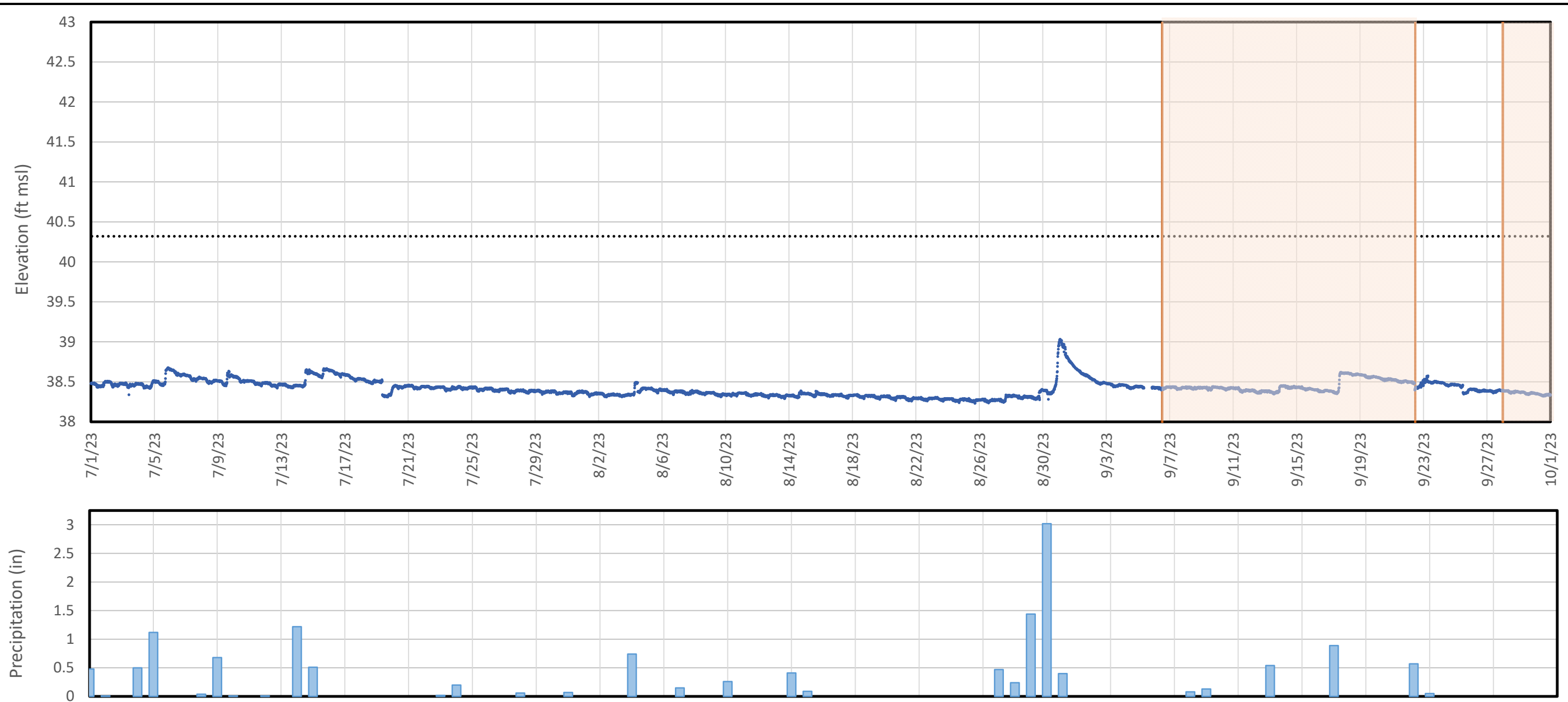
FTC Influent Water Elevation (Jul - Sept 2023) - Seep B Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure 2-4B	



- Legend**
- Influent Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆◆ Bypass Spillway Elevation
 - USGS Precipitation (daily totals)
 - FTC Off, no flow

Notes:
 This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown as an orange line.
 Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.
 Beginning in September, the inlet and transfer basin valves were closed periodically for batch mode processing. During these times, the flow-through cell experienced no flow (orange shading).
 See Section 2.1.5 for more details.

FTC Influent Water Elevation (Jul - Sept 2023) - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure 2-4C	



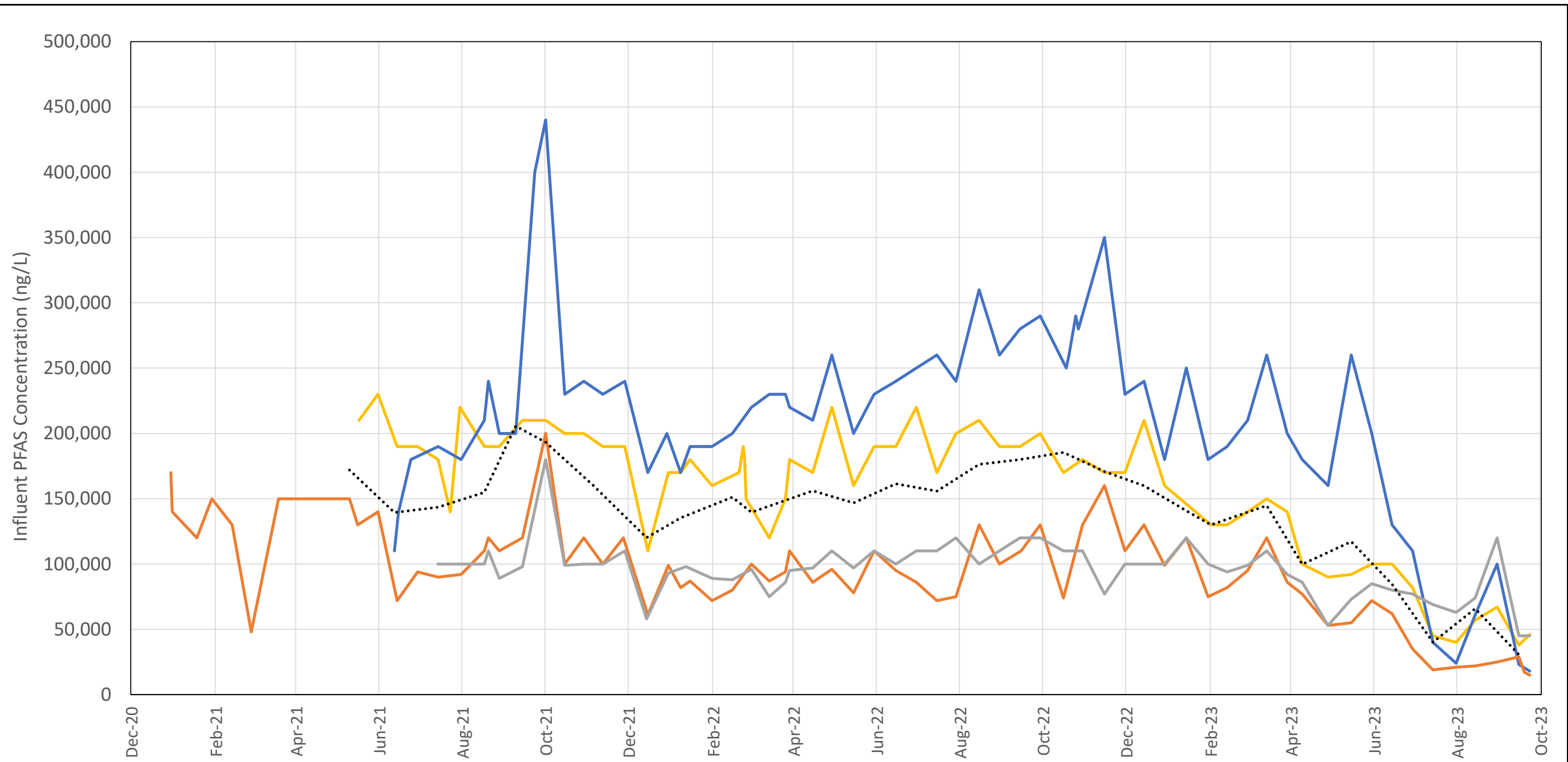
Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- ◆◆◆ Bypass Spillway Elevation
- ▒ USGS Precipitation (daily totals)
- ▒ FTC Off, no flow

Notes:

This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown as an orange line. Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam. Beginning in September, the inlet and transfer basin valves were closed periodically for batch mode processing. During these times, the flow-through cell experienced no flow (orange shading). See Section 2.1.5 for more details.

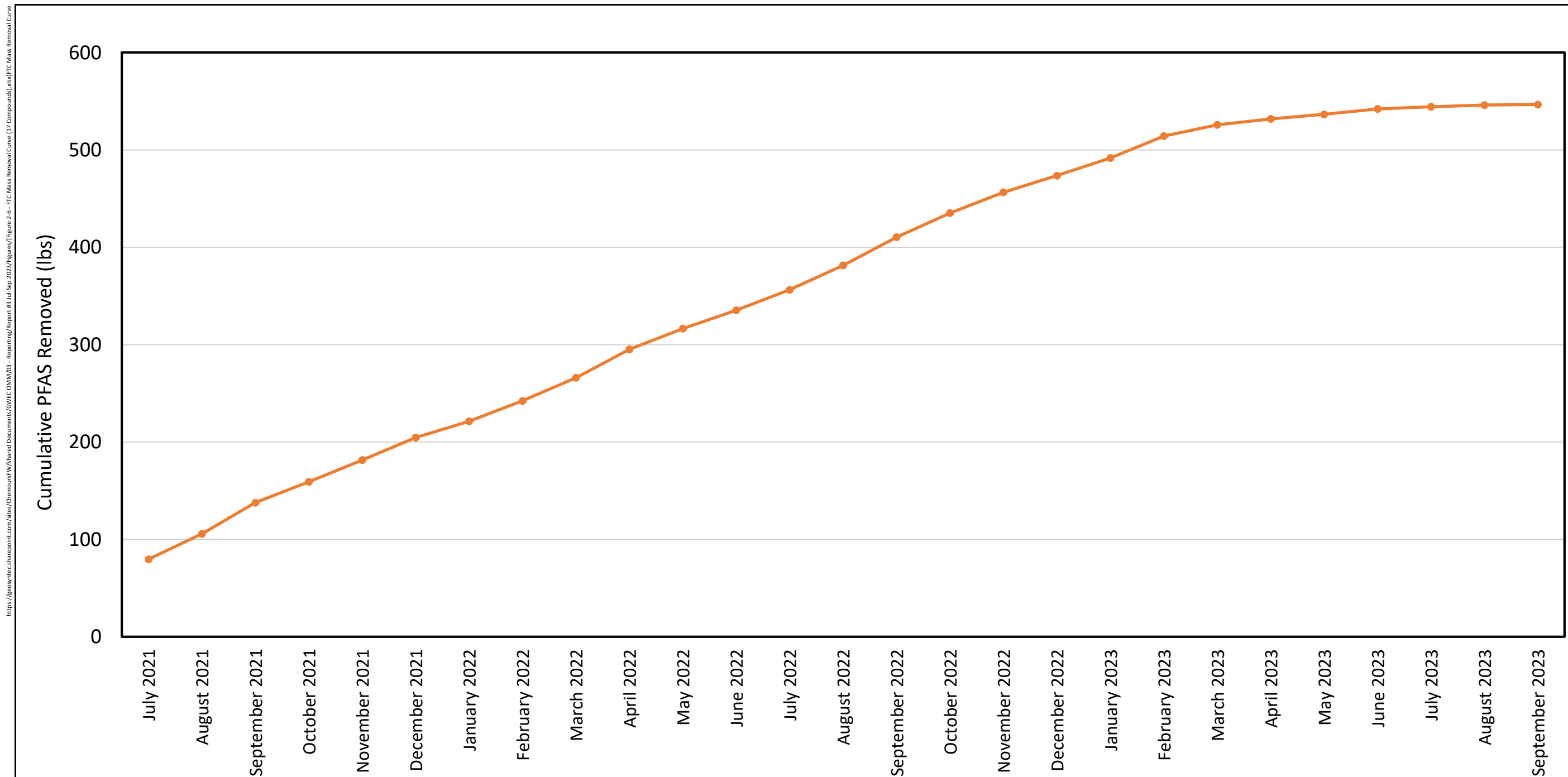
FTC Influent Water Elevation (Jul - Sept 2023) - Seep D		Figure 2-4D
Chemours Fayetteville Works Fayetteville, North Carolina		
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	
Raleigh, NC	December 2023	



Legend
— Seep A Influent — Seep B Influent — Seep C Influent — Seep D Influent ⋯ Monthly Average of Seep A, B, C, and D Influent

Notes:
 The FTCs at Seeps A, B, C, and D all became operational by late June 2021. This figure represents the monthly influent concentration of Total Table 3+ PFAS (17+ compounds). The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023.

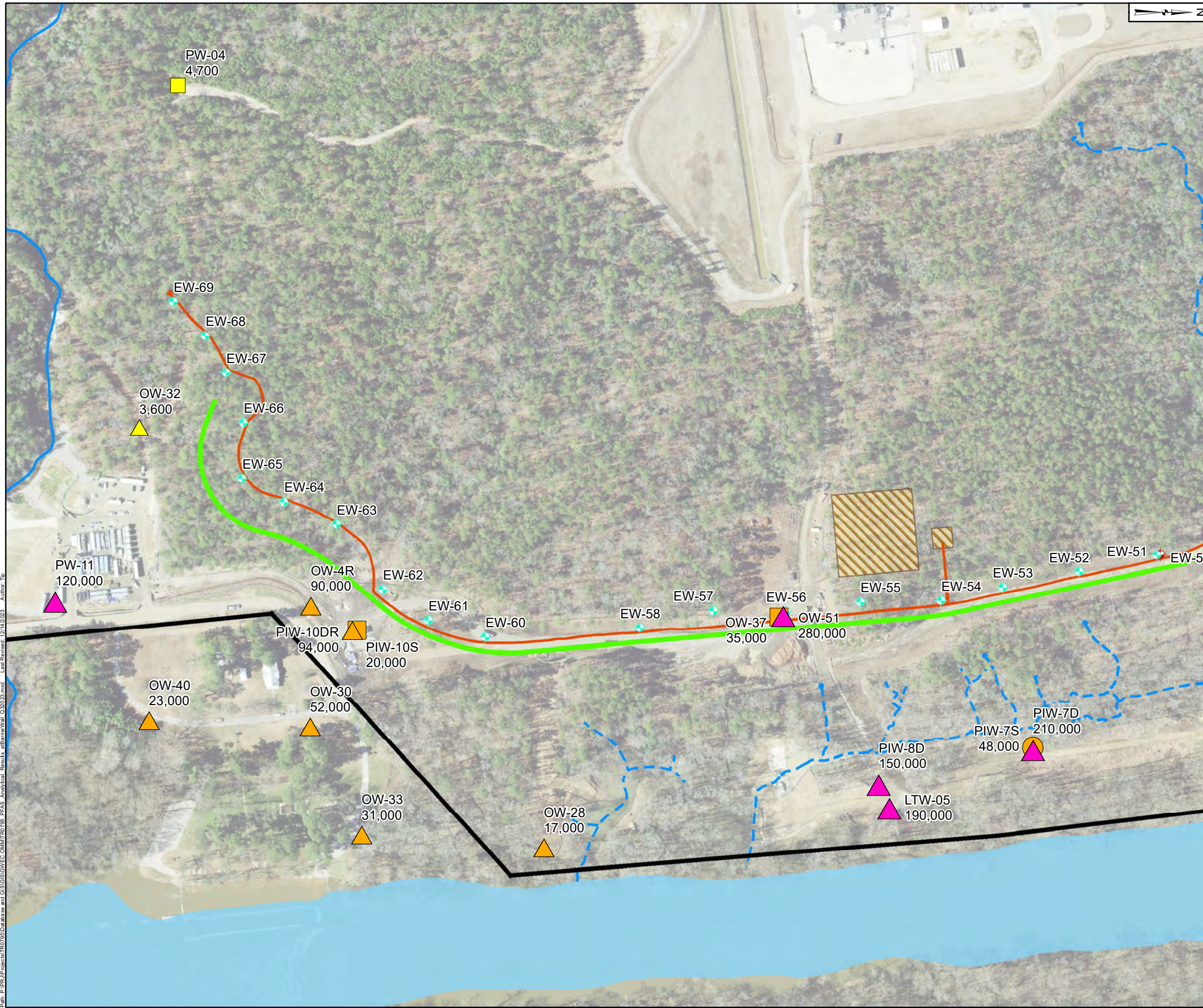
FTC Influent PFAS Concentrations		
Chemours Fayetteville Works Fayetteville, North Carolina		
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License Nos. C 3500 and C 285	Figure
Raleigh, NC	December 2023	2-5



Legend
— Cumulative PFAS Removed (lbs)

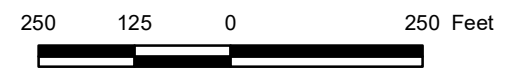
Notes:
 The FTCs at Seeps A, B, C, and D became operational by late June 2021. This figure presents the cumulative pounds (lbs) of PFAS removed by the FTCs beginning July 2021. Total lbs of PFAS removed is calculated for Total Table 3+ (17 Compounds) and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE. The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023.

FTC Mass Removal Curve (July 2021 - September 2023) Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure 2-6	



Notes:

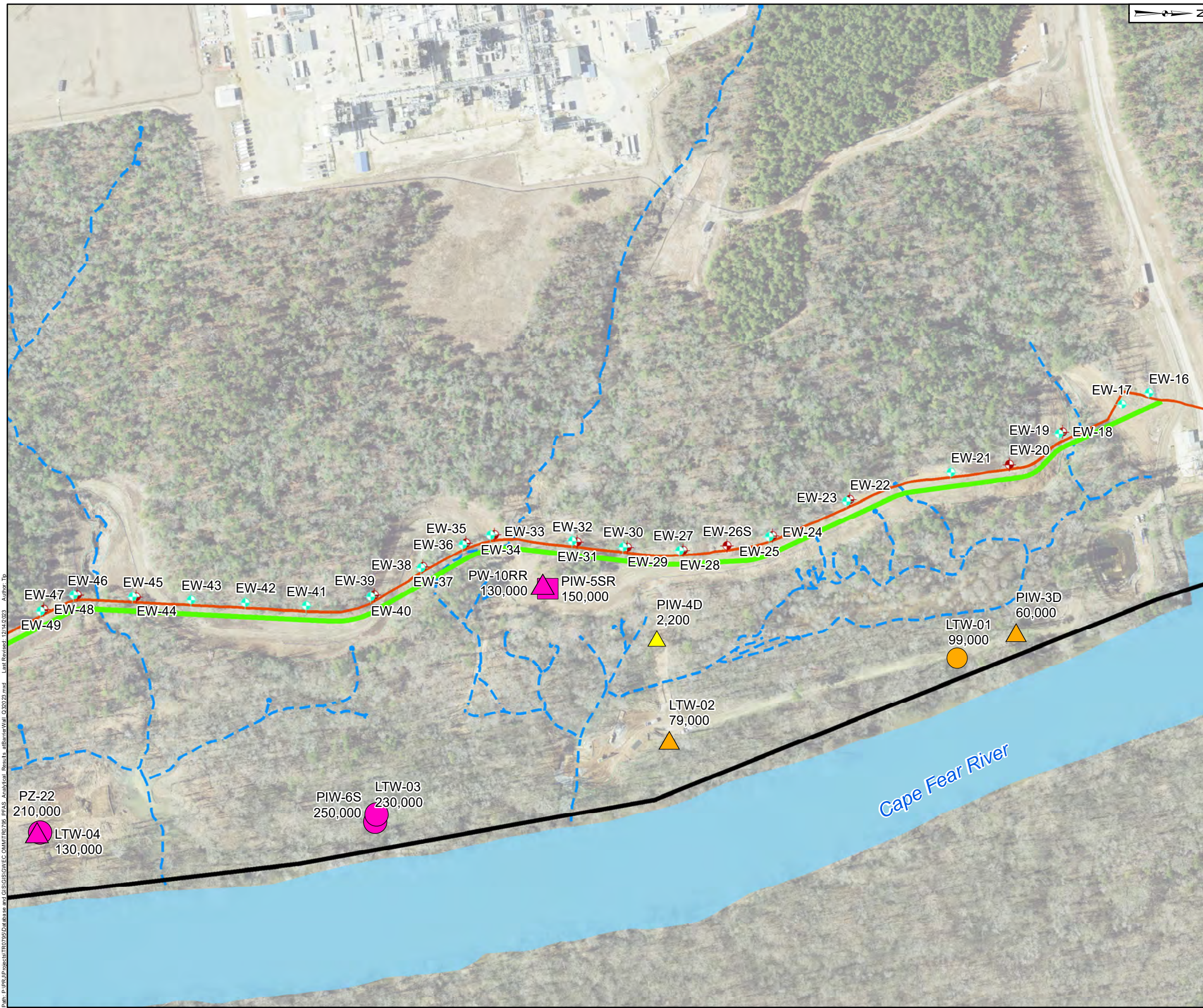
- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the recent 3Q2023 sampling performed for these wells (July 7 to September 8, 2023). For PIW-1S and OW-54, PFAS results (text in blue) from 1Q2023 sampling (February 16, 2023) are presented, since these two wells were dry in 3Q2023. WC PFAS results are from the sampling performed on July 27, 2023.
- 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).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



PFAS Analytical Results
 Chemours Fayetteville Works, North Carolina

<p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p>	<p>Figure 4-1A</p>
	<p>Raleigh, NC December 2023</p>

Path: P:\PRD\Projects\TR0725\Database and GIS\GIS\GWECC\OMMTR0725_PFA_S_Analytical_Results.gdb\Barner\Well_32023.mxd Last Revised: 12/14/2023 Author: TP
 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet, Units in Foot US



Legend

PFAS Sampling Location

- Surficial Aquifer
- Floodplain Deposits
- △ Black Creek Aquifer
- ◇ Surface Water

Total Table 3+ PFAS, 17 Compounds (ng/L)

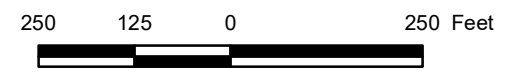
- ▲ ND
- ▲ < 10
- ▲ 10 - 100
- ▲ 100 - 1,000
- ▲ 1,000 - 10,000
- ▲ 10,000 - 100,000
- ▲ 100,000 - 1,000,000
- ▲ > 1,000,000

- ◇ Black Creek Aquifer Extraction Well
- ◇ Surficial Aquifer Extraction Well

- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet mean sea level
- - - Seep
- - - Nearby Tributary to River
- Cape Fear River

Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the recent 3Q2023 sampling performed for these wells (July 7 to September 8, 2023). For PIW-1S and OW-54, PFAS results (text in blue) from 1Q2023 sampling (February 16, 2023) are presented, since these two wells were dry in 3Q2023. WC PFAS results are from the sampling performed on July 27, 2023.
- 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).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



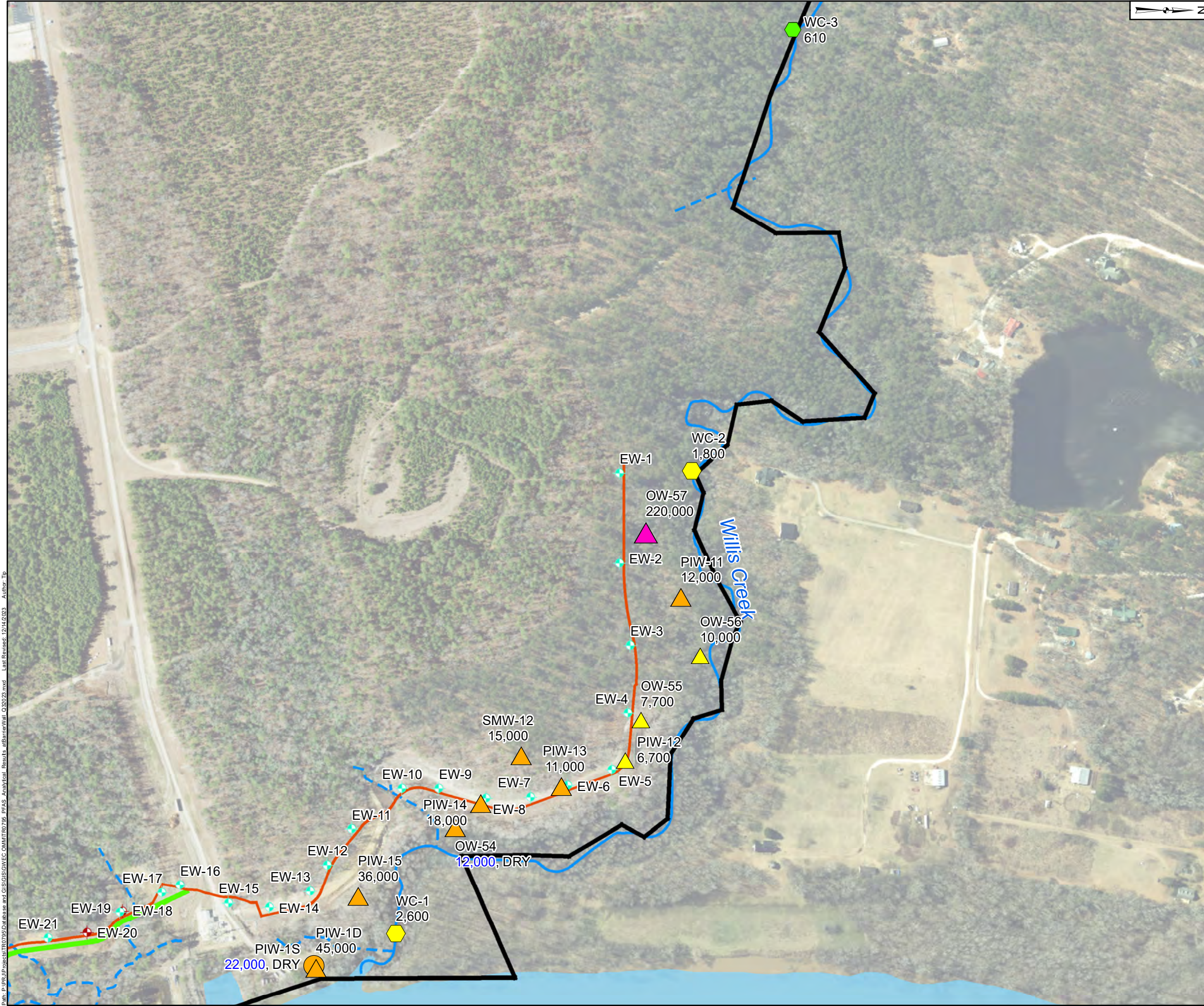
PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

<p>Geosyntec consultants</p> <p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p>	<p align="right">Figure 4-1B</p>

Path: P:\P\Projects\170725\170725 Database and GIS\GIS\GWECC\OMMTR725_PFA5_Analytical_Results.mxd; Author: TP; Last Revised: 12/14/2023

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



Legend

PFAS Sampling Location

- Surficial Aquifer
- Floodplain Deposits
- △ Black Creek Aquifer
- ⬡ Surface Water

Total Table 3+ PFAS, 17 Compounds (ng/L)

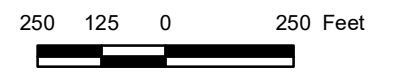
- ▲ ND
- ▲ < 10
- ▲ 10 - 100
- ▲ 100 - 1,000
- ▲ 1,000 - 10,000
- ▲ 10,000 - 100,000
- ▲ 100,000 - 1,000,000
- ▲ > 1,000,000

- ⬢ Black Creek Aquifer Extraction Well
- ⬢ Surficial Aquifer Extraction Well

- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet mean sea level
- - - Seep
- Nearby Tributary to River
- Cape Fear River

Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/ observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the recent 3Q2023 sampling performed for these wells (July 7 to September 8, 2023). For PIW-1S and OW-54, PFAS results (text in blue) from 1Q2023 sampling (February 16, 2023) are presented, since these two wells were dry in 3Q2023. WC PFAS results are from the sampling performed on July 27, 2023.
- 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).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

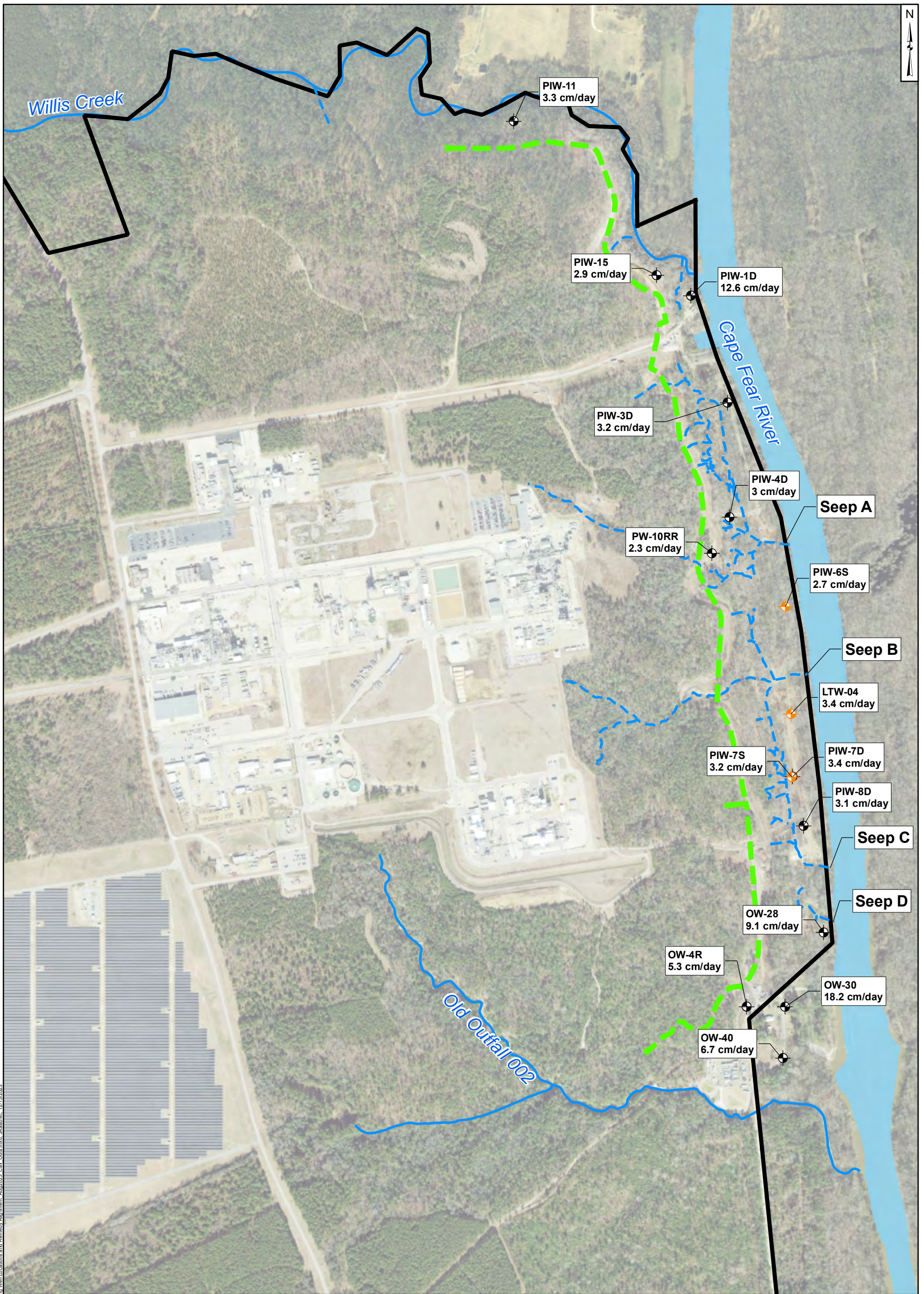


PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

<p>Geosyntec consultants</p> <p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p>	<p align="right">Figure 4-1C</p>

Path: P:\P\UP\Technical\TR75\Database and GIS\GIS\GWE\COMMITTEE\PFAS_Analytical_Results_01\BarnerWell_G2023.mxd; Last Revised: 12/14/2023; Author: Tp
 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Path: P:\Projects\2023\GIS\GIS\GISEC\MMR\2023_PFI_Monitoring Well Locations and Remedial Action\Aug2023_CFI_Out.mxd; Measure: 12/13/2023
 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet, Units in Foot US

Legend

- Floodplain Deposits
- Black Creek Aquifer
- Nearby Tributary
- Observed Seep
- Site Boundary
- Remedy Alignment

OW-40
6.7 cm/day

Location ID
 Current deployment darcy flux value



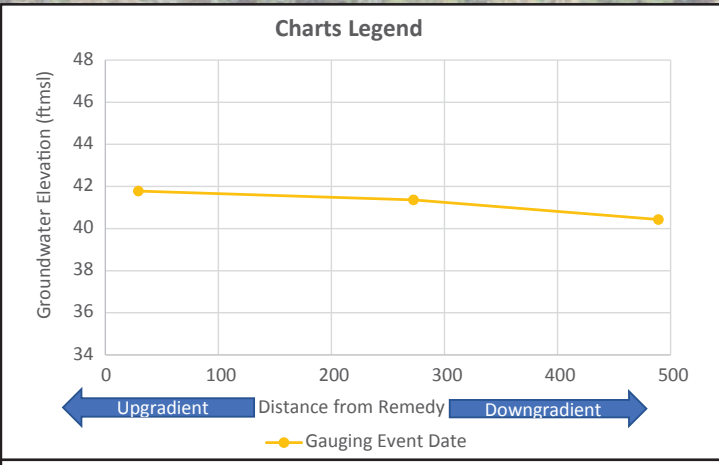
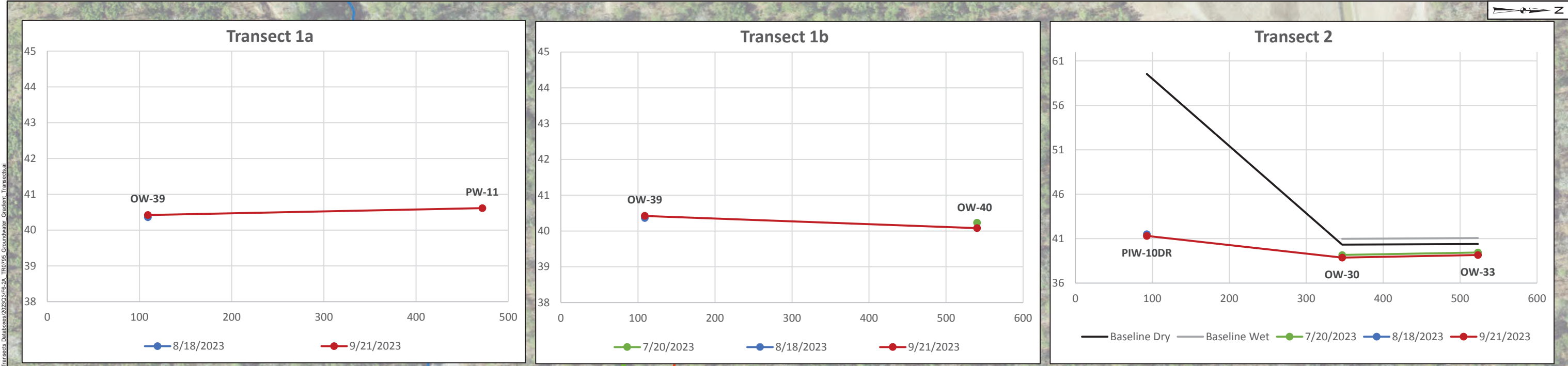
PFM Monitoring Well Locations and Darcy Flux Results - August 2023 Deployment
 Chemours Fayetteville Works, North Carolina

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

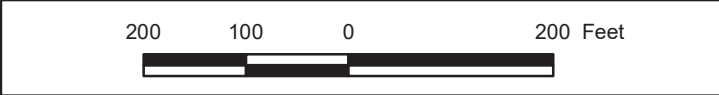
Raleigh December 2023

Figure
6-1

Notes:
 PFM - passive flux meter
 1. Due to the scale of the map, pairs of wells that are in close proximity have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
 2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
 3. PIW and PW-well locations were surveyed by a licensed North Carolina Surveyor.
 4. Basemap Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

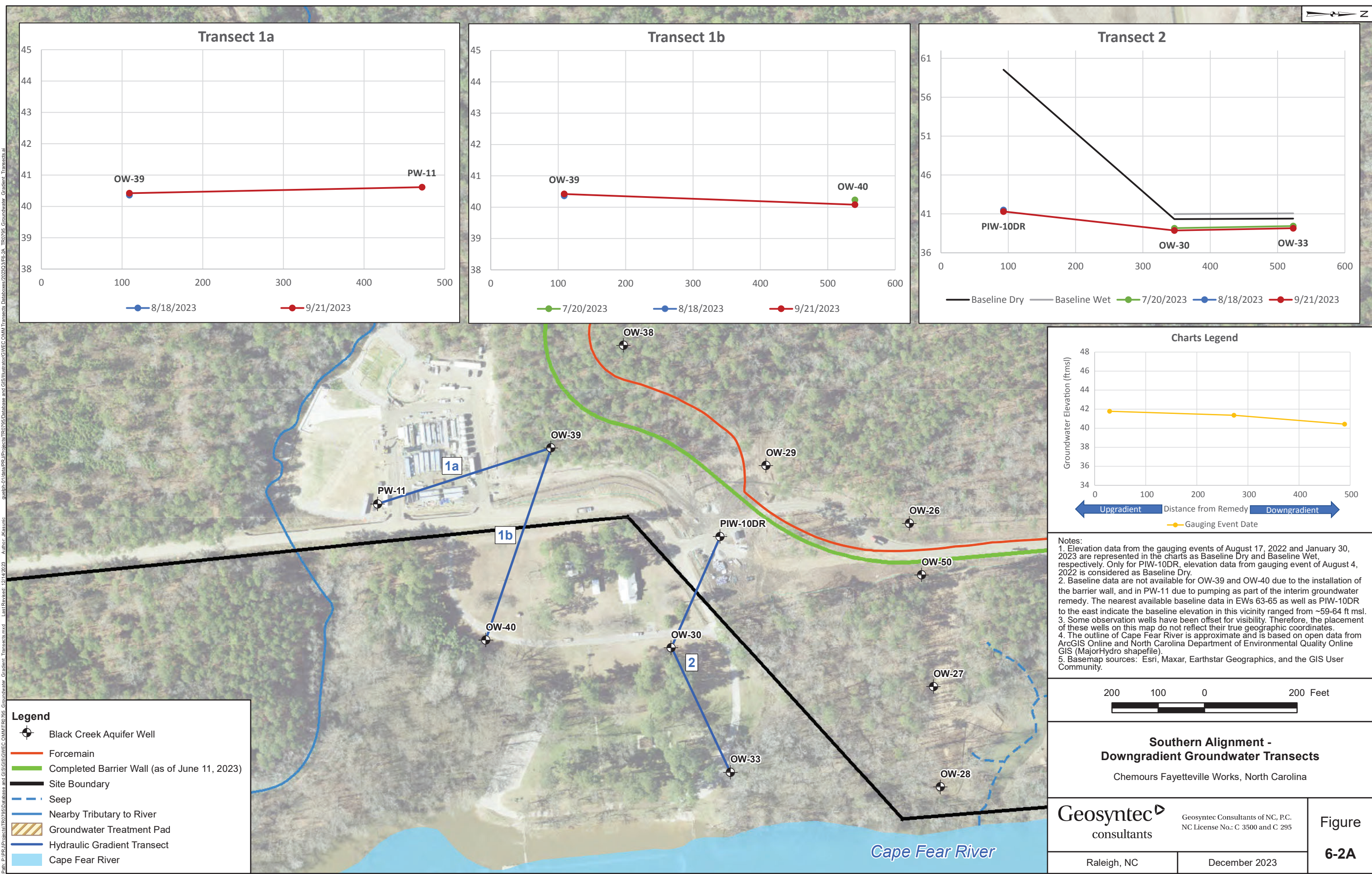


Notes:
 1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively. Only for PIW-10DR, elevation data from gauging event of August 4, 2022 is considered as Baseline Dry.
 2. Baseline data are not available for OW-39 and OW-40 due to the installation of the barrier wall, and in PW-11 due to pumping as part of the interim groundwater remedy. The nearest available baseline data in EWs 63-65 as well as PIW-10DR to the east indicate the baseline elevation in this vicinity ranged from ~59-64 ft msl.
 3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
 4. 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).
 5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



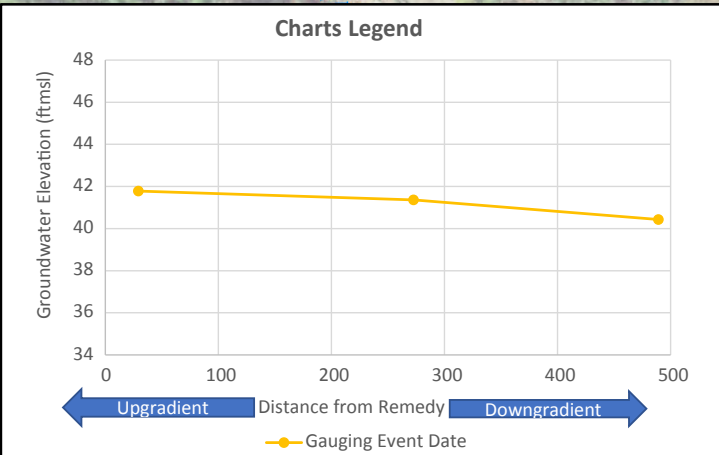
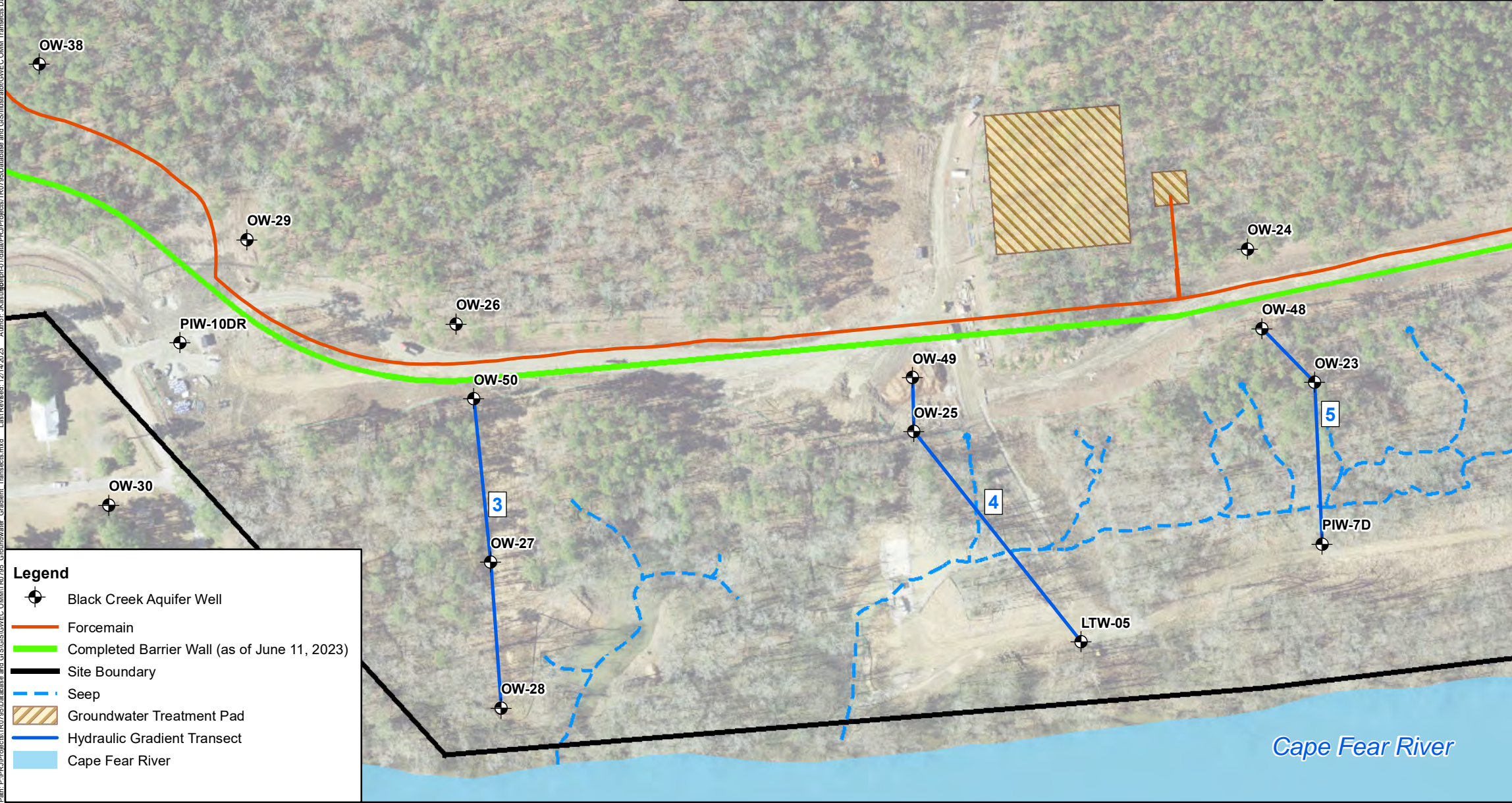
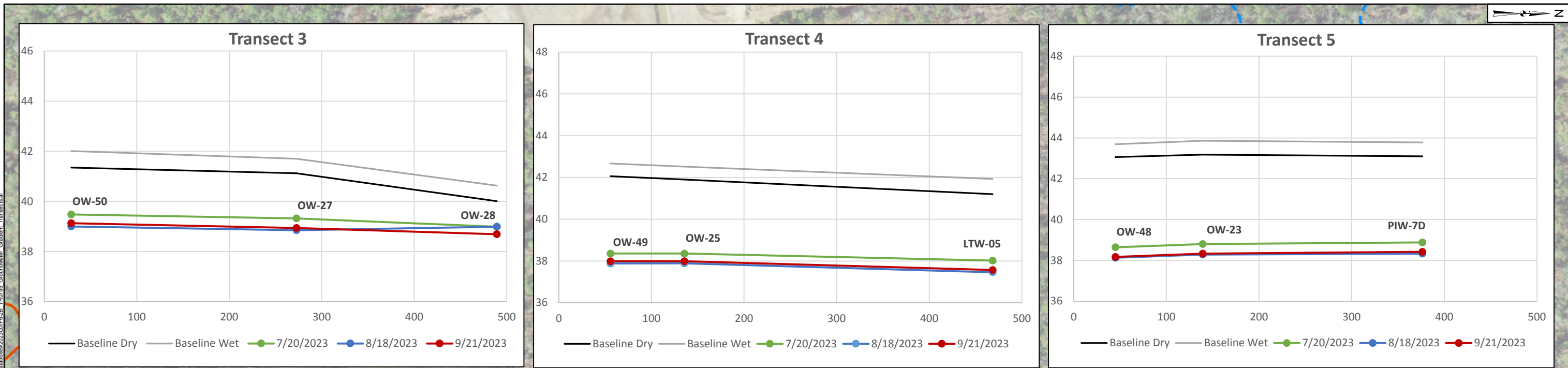
**Southern Alignment -
Downgradient Groundwater Transects**
Chemours Fayetteville Works, North Carolina

 Raleigh, NC	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure 6-2A



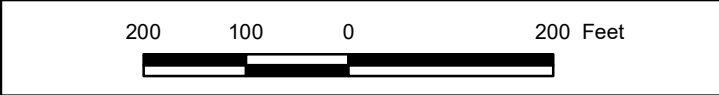
Legend

- Black Creek Aquifer Well
- Force main
- Completed Barrier Wall (as of June 11, 2023)
- Site Boundary
- Seep
- Nearby Tributary to River
- Groundwater Treatment Pad
- Hydraulic Gradient Transect
- Cape Fear River



Notes:

- Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
- Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
- 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).
- Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



**Southern Alignment -
Downgradient Groundwater Transects**

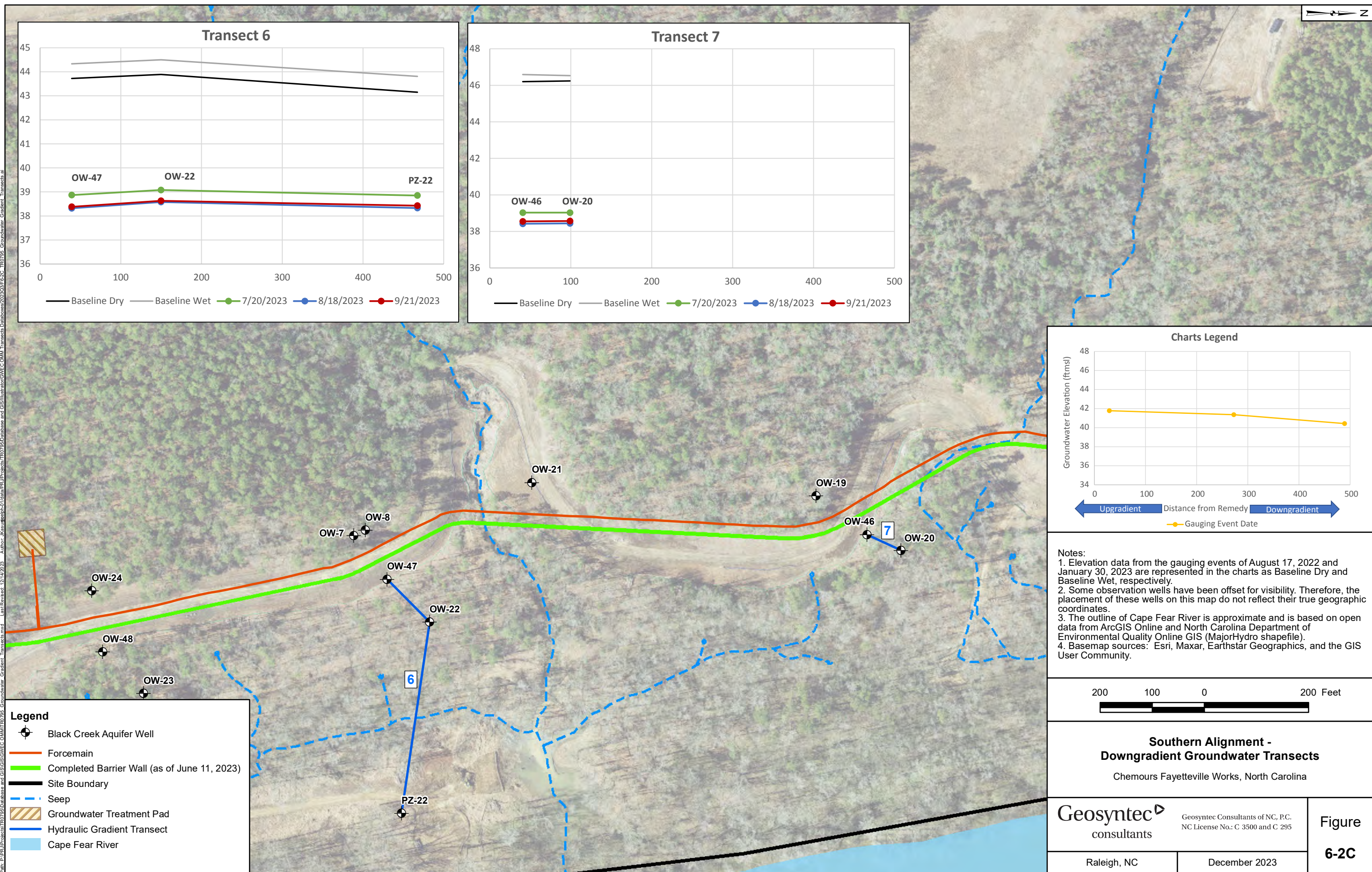
Chemours Fayetteville Works, North Carolina

Legend

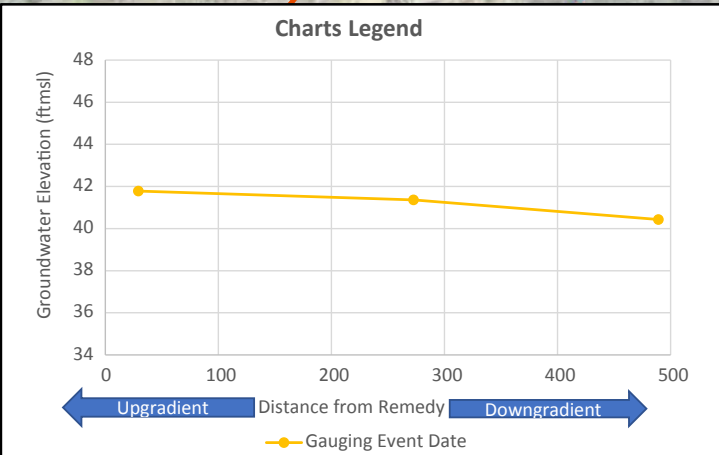
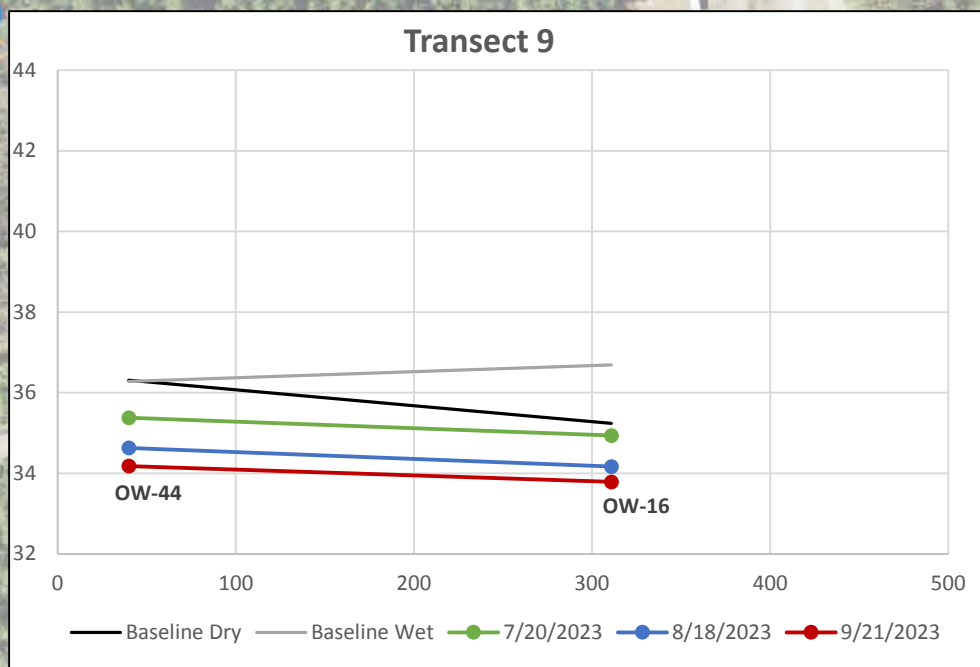
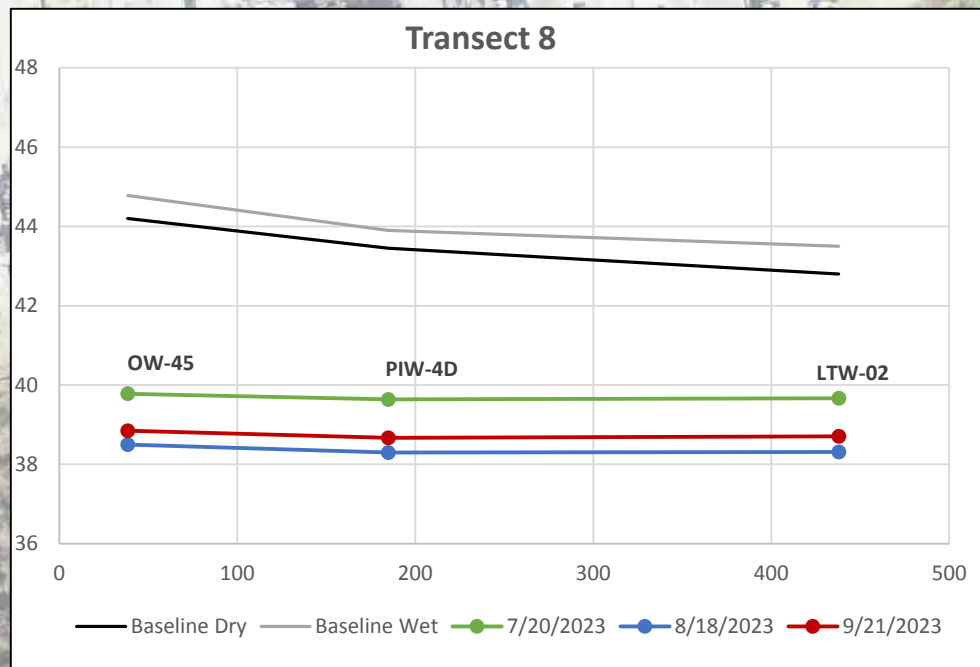
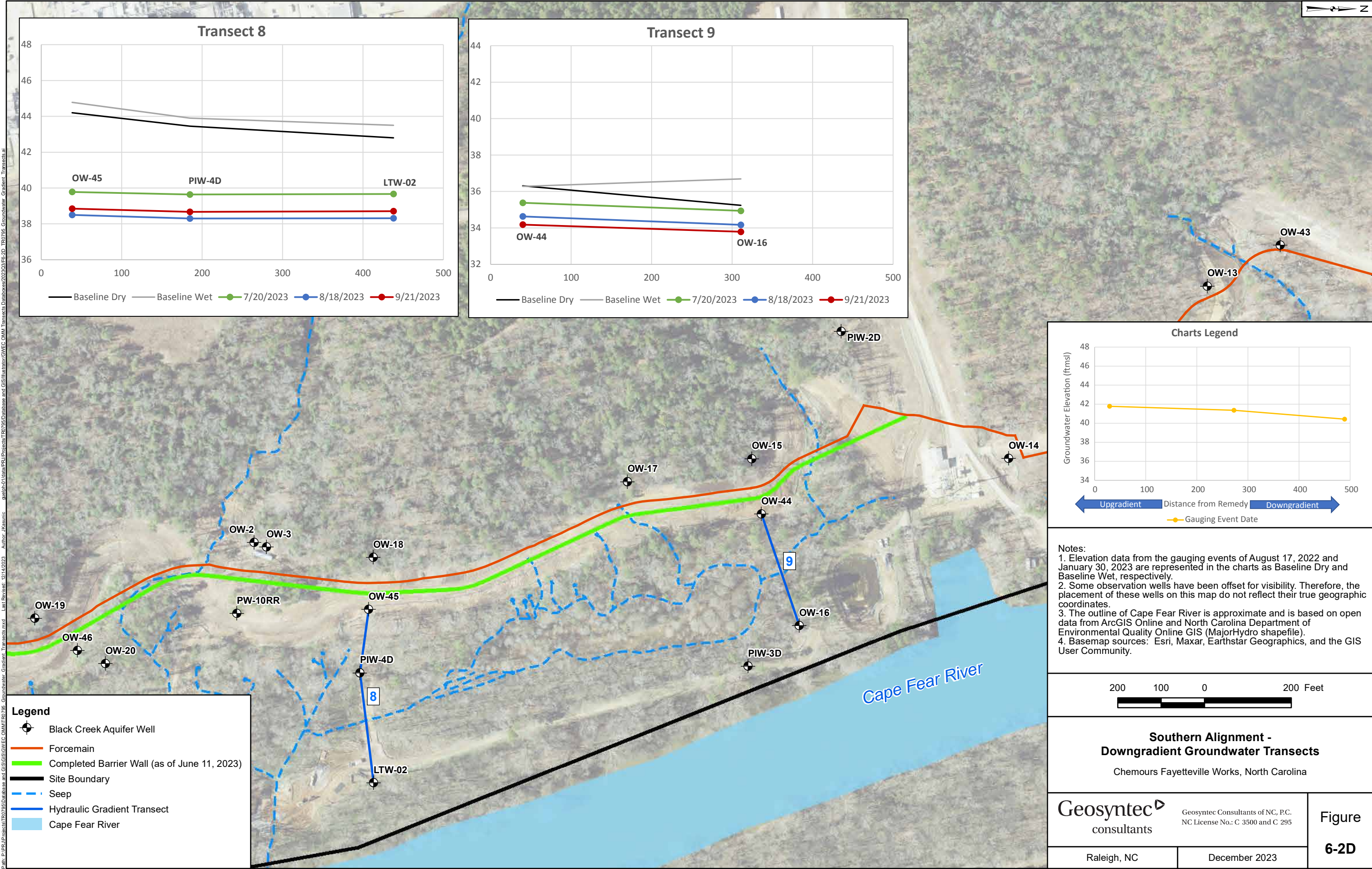
- Black Creek Aquifer Well
- Forcemain
- Completed Barrier Wall (as of June 11, 2023)
- Site Boundary
- Seep
- Groundwater Treatment Pad
- Hydraulic Gradient Transect
- Cape Fear River

Geosyntec consultants Raleigh, NC	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure
		6-2B
December 2023		

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

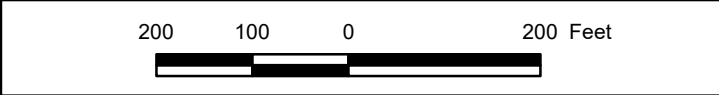


Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet Units in Foot US



Notes:

- Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
- Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
- 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).
- Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



**Southern Alignment -
Downgradient Groundwater Transects**
Chemours Fayetteville Works, North Carolina

Legend

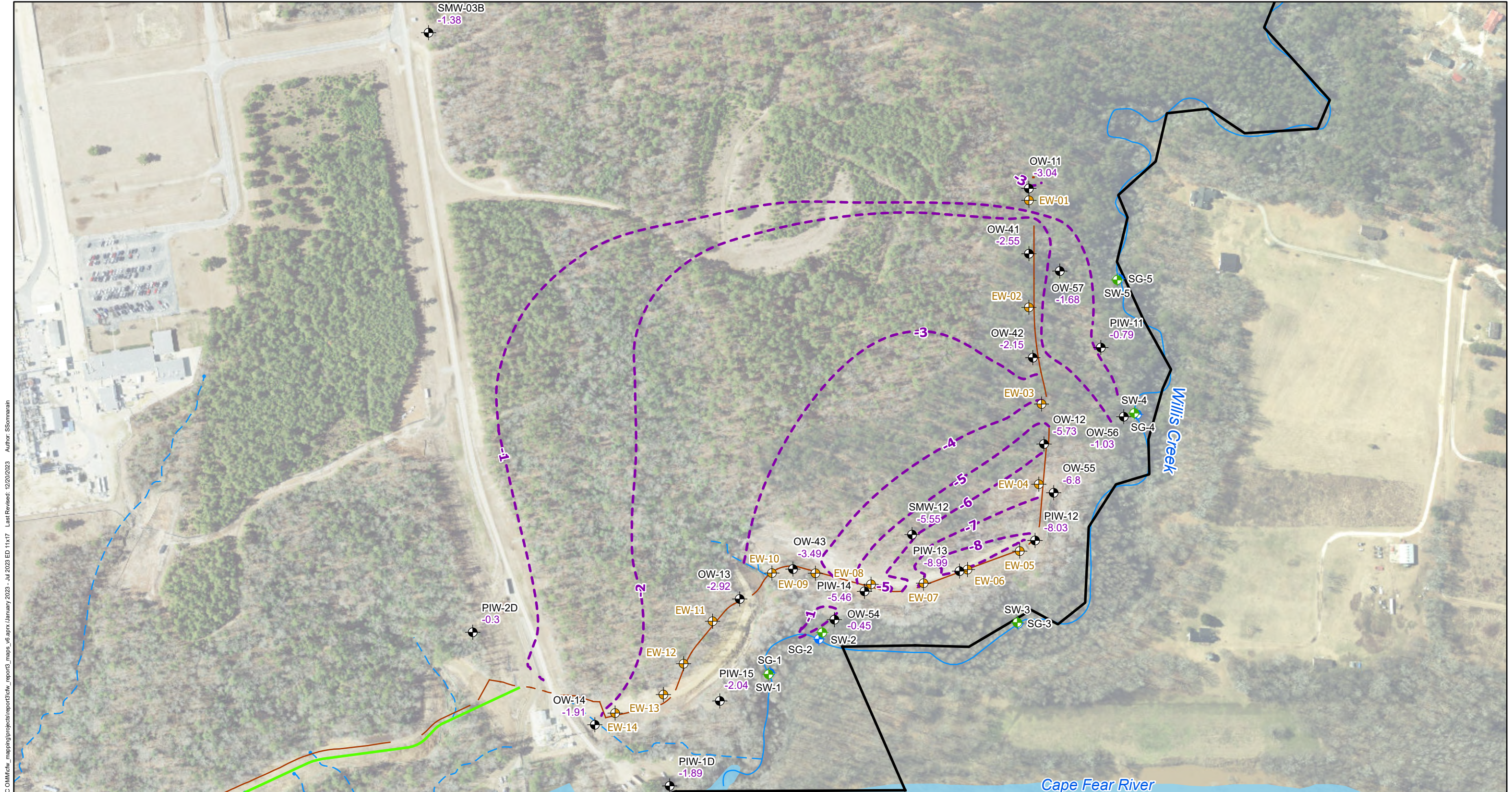
- Black Creek Aquifer Well
- Forcemain
- Completed Barrier Wall (as of June 11, 2023)
- Site Boundary
- Seep
- Hydraulic Gradient Transect
- Cape Fear River

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Raleigh, NC | December 2023

**Figure
6-2D**

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



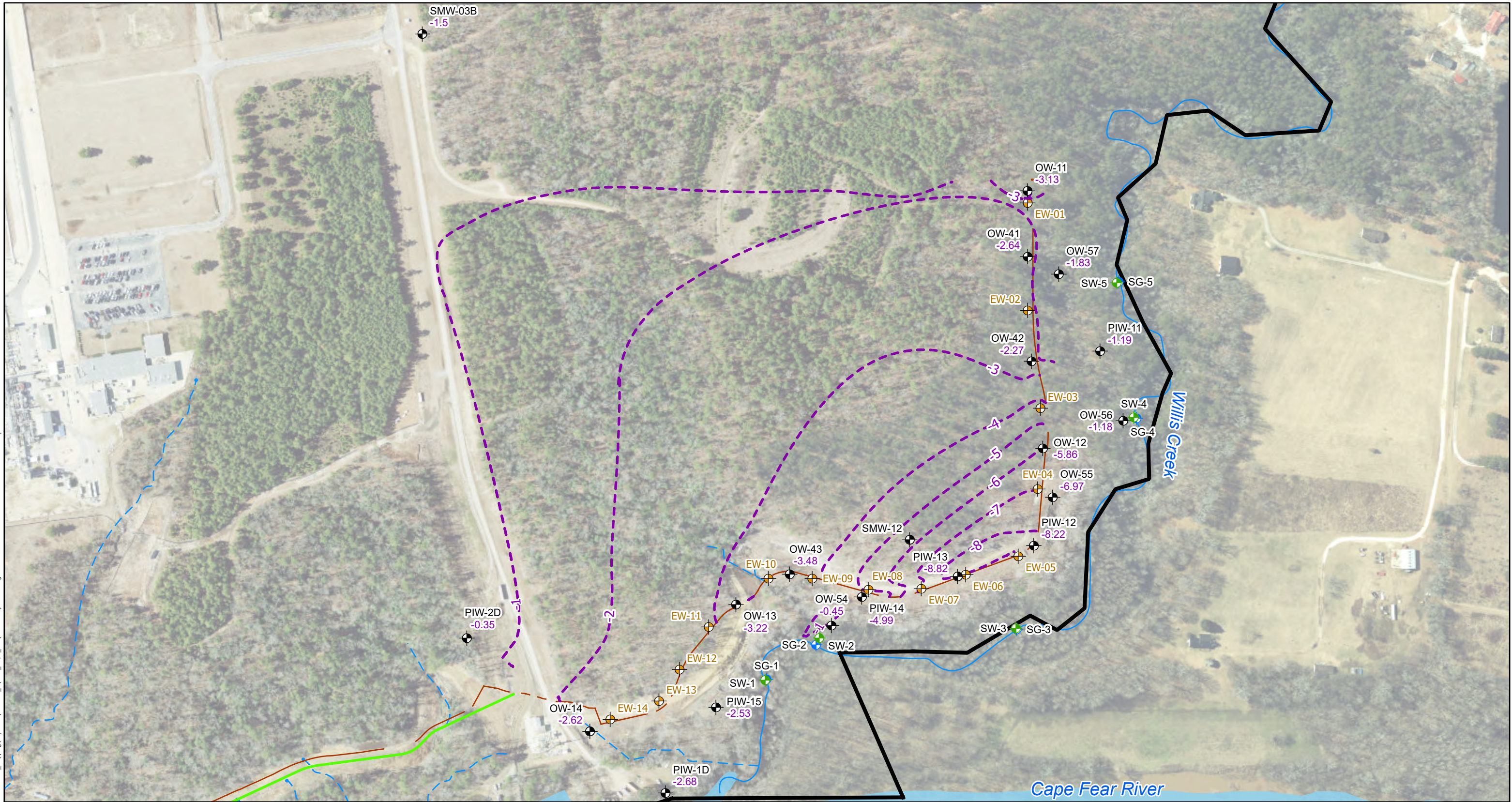
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Legend		
Staff Gauge	Barrier Wall	Site Boundary
Stilling Well	July 2023 Elevation	Seep
Black Creek Aquifer	Difference	Nearby Tributary
Extraction Well	Forcemain	Cape Fear River

Notes:

- Elevation difference = monthly elevation - January 2023 elevation.
- OW-54 dry in July 2023. Water assumed at bottom of screen in elevation difference calculation.
- Antecedent daily total rainfall (July 17-18): 0 inches
- Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.

Northern Alignment	
January 2023 - July 2023 Elevation Difference	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure 6-3A	



Legend

Staff Gauge	Barrier Wall	Site Boundary
Stilling Well	August 2023 Elevation	Seep
Black Creek Aquifer	Difference	Nearby Tributary
Extraction Well	Forcemain	Cape Fear River

Notes:

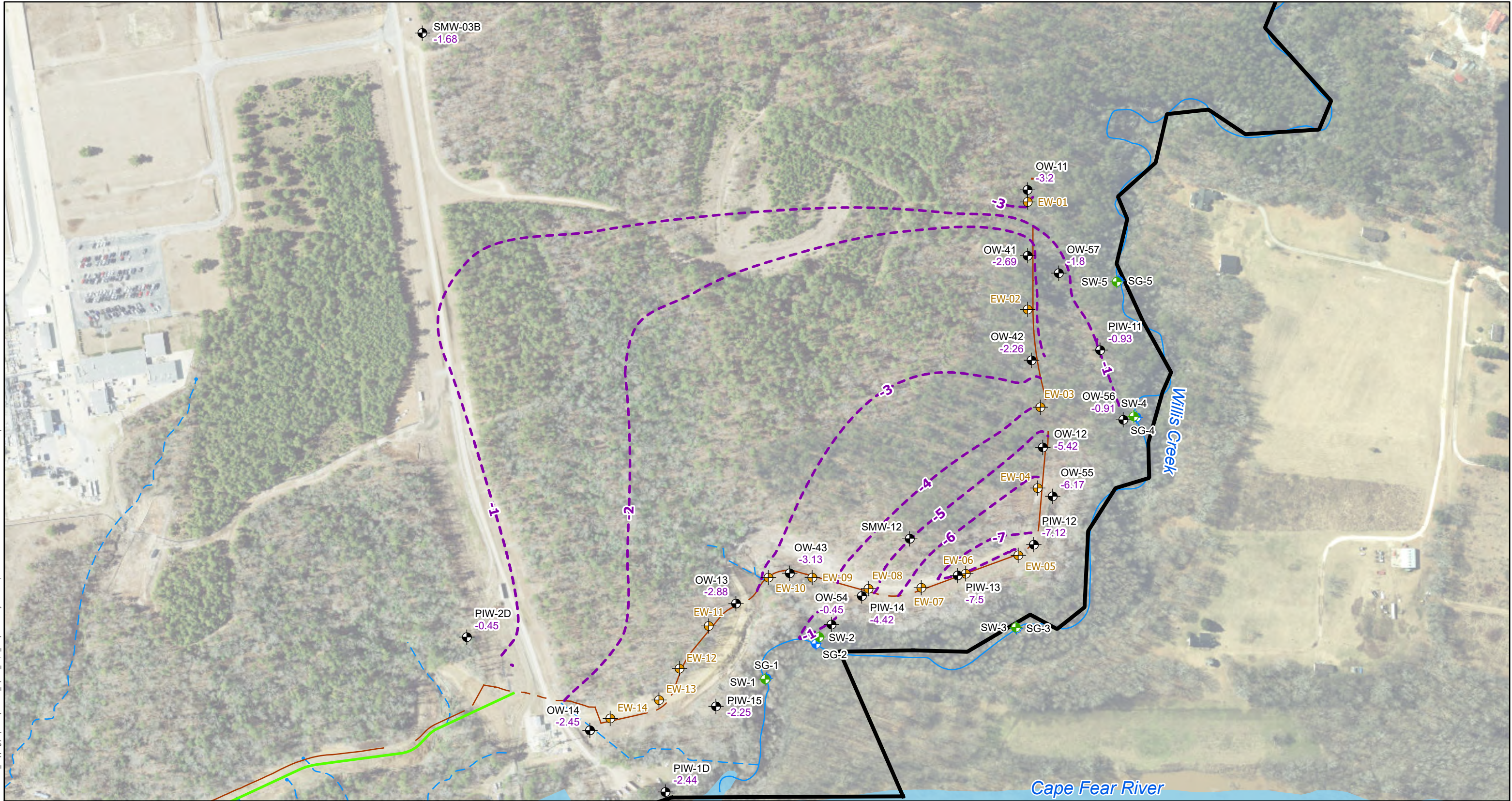
1. Elevation difference = monthly elevation - January 2023 elevation.
2. OW-54 dry in August 2023. Water assumed at bottom of screen in elevation difference calculation.
3. SMW-12 not accessible.
4. Antecedent daily total rainfall (August 15-17): 0-0.09 inches
5. Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.

North arrow pointing up and a scale bar from 0 to 250 feet.

Northern Alignment	
January 2023 - August 2023 Elevation Difference	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure 6-3B	

Path: P:\PRJ\Projects\TR0795\GIS\GWS\GWS\mapping\projects\report\chv_reports\maps_v7.aprx/January 2023 - Aug 2023 ED 11x17 Last Revised: 12/21/2023 Author: jkasunic

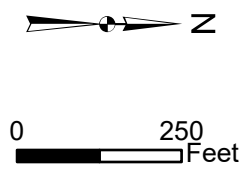
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Legend		
	Staff Gauge	
	Stilling Well	
	Black Creek Aquifer	
	Extraction Well	
	Site Boundary	
	Nearby Tributary	

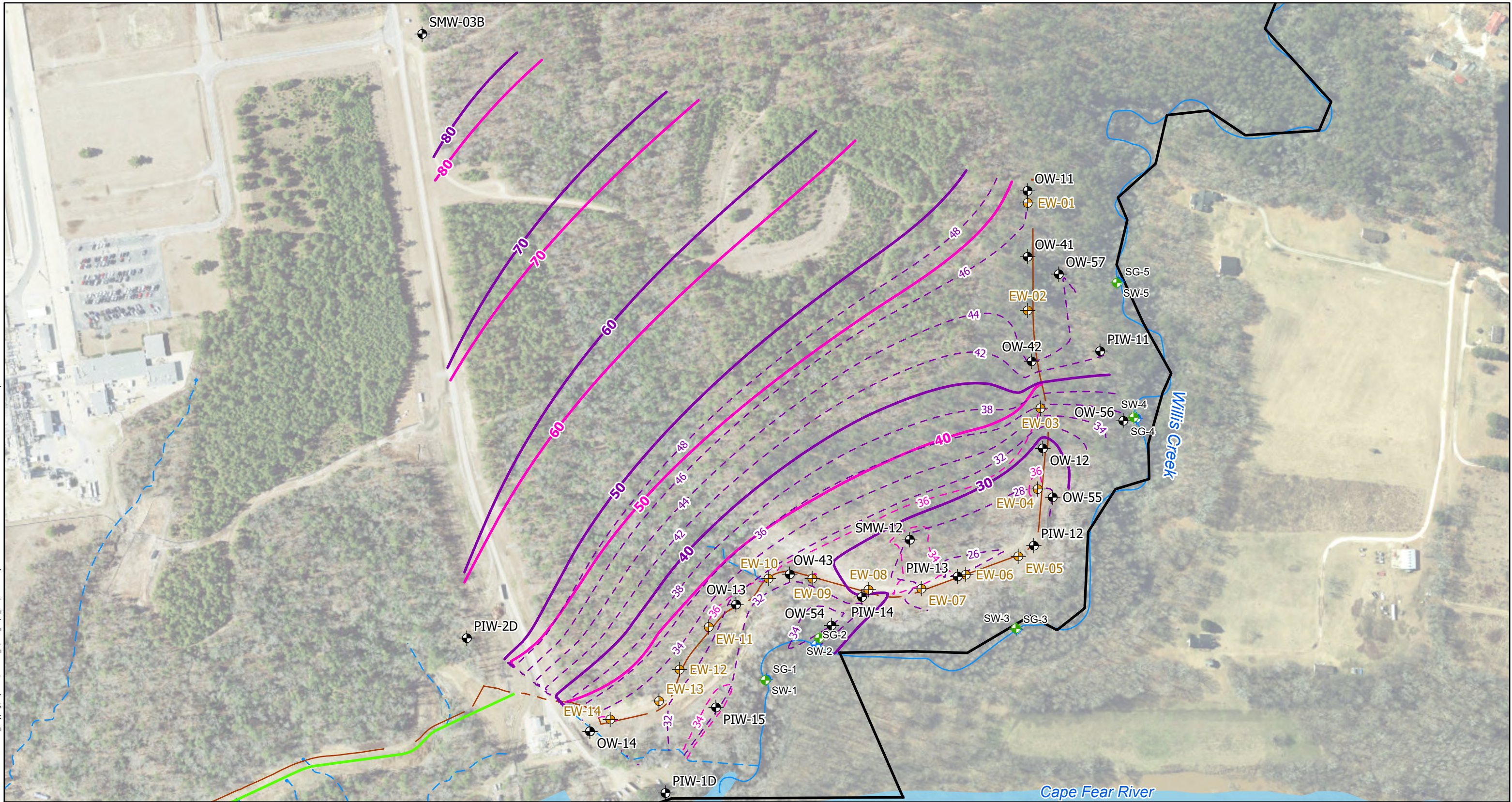
Notes:

1. Elevation difference = monthly elevation - January 2023 elevation.
2. OW-54 dry in September 2023. Water assumed at bottom of screen in elevation difference calculation.
3. SMW-12 not accessible.
4. Antecedent daily total rainfall (September 15-17): 0 inches
5. Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.



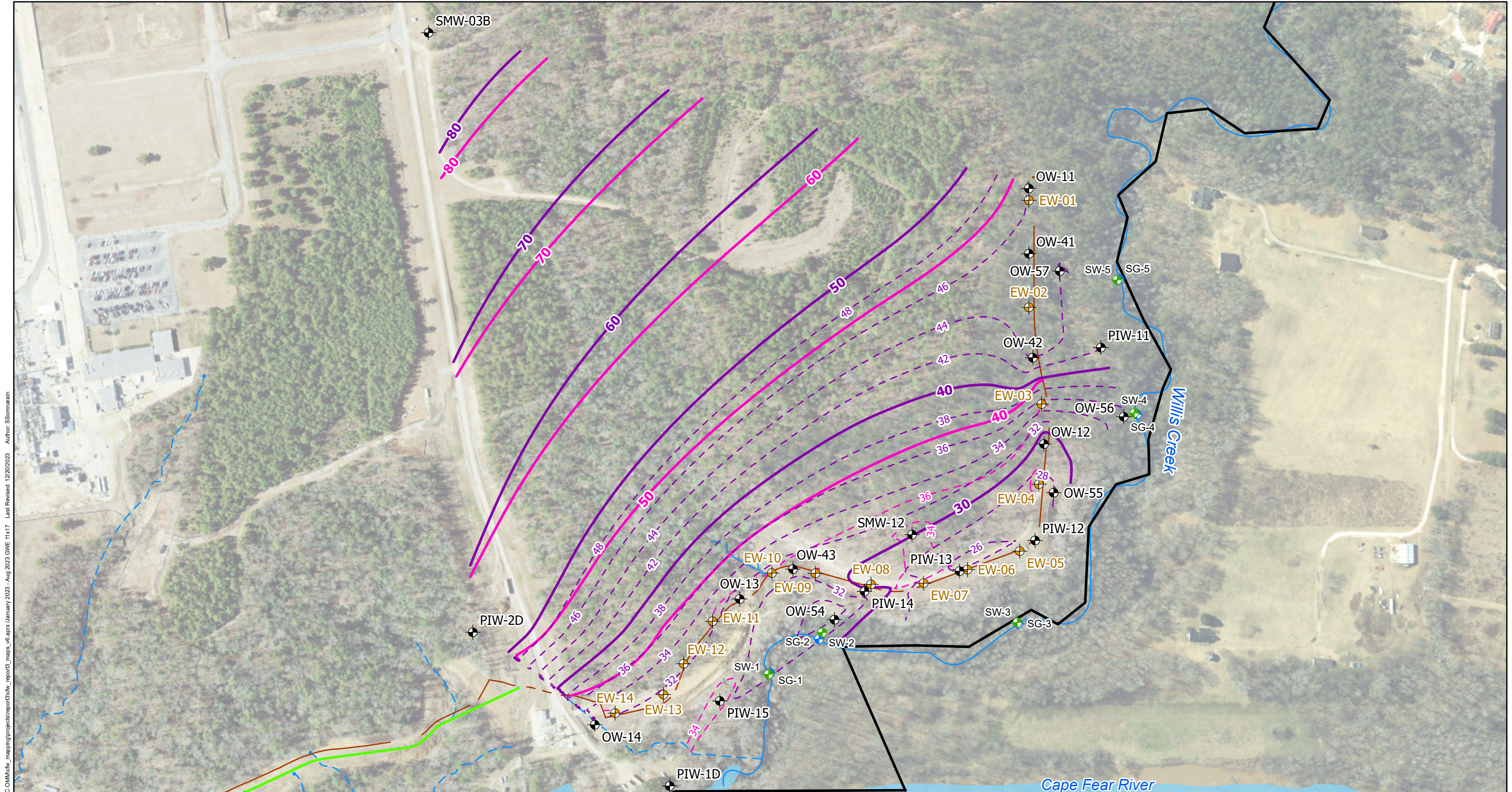
Northern Alignment January 2023 - September 2023 Elevation Difference	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C. 3500 and C. 295
Raleigh, NC	December 2023
Figure 6-3C	

Path: \\Guelph-01\Data\PRJ\Projects\TR0755\database and GIS\GIS\GWEC OMM\civ_mapping\projects\report3\chv_report3_maps_07.aprx January 2023 - Jul 2023 GWE 11x17 Author: Ttp



Legend					
Staff Gauge	Barrier Wall	2-ft January 2023 GW Elevation	Site Boundary	Notes: 1. Antecedent daily total rainfall (July 17-18): 0 inches 2. Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.	
Stilling Well	2-ft July 2023 GW Elevation	10-ft January 2023 GW Elevation	Seep		
Black Creek Aquifer	10-ft July 2023 GW Elevation	Forcemain	Nearby Tributary		
Extraction Well			Cape Fear River		

Northern Alignment Potentiometric Map January 2023 - July 2023 Chemours Fayetteville Works, North Carolina		Figure 6-4A
Geosyntec consultants Raleigh, NC	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 December 2023	

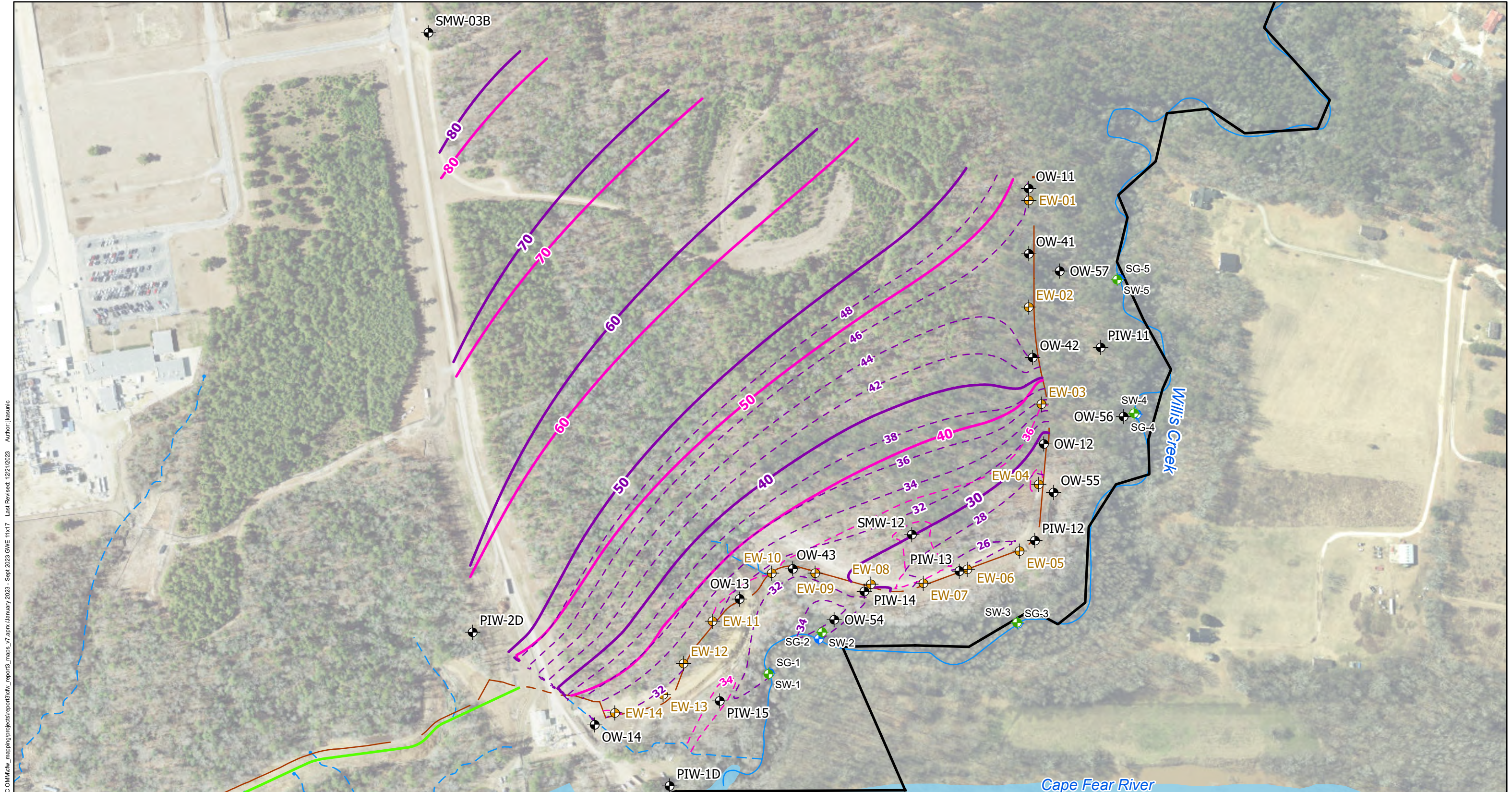


Legend					
	Staff Gauge		Barrier Wall		2-ft January 2023 GW Elevation
	Stilling Well		2-ft August 2023 GW Elevation		10-ft January 2023 GW Elevation
	Black Creek Aquifer		10-ft August 2023 GW Elevation		Forcemain
	Extraction Well				Site Boundary
					Seep
					Nearby Tributary
					Cape Fear River

Notes:
 1. Antecedent daily total rainfall (August 15-17): 0-0.09 inches
 2. Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.

Northern Alignment Potentiometric Map January 2023 - August 2023		Figure 6-4B
Chemours Fayetteville Works, North Carolina		
Geosyntec consultants		<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023	

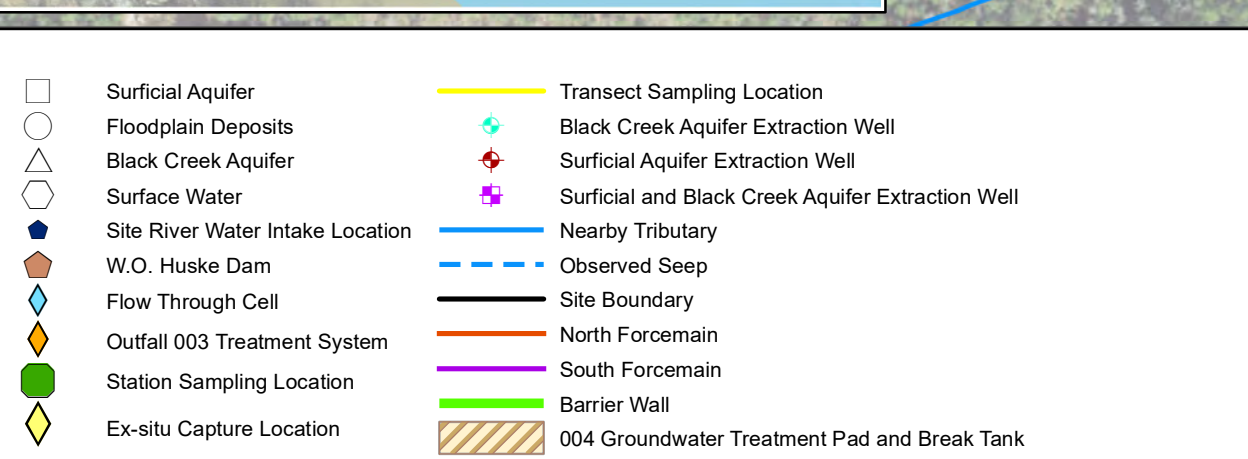
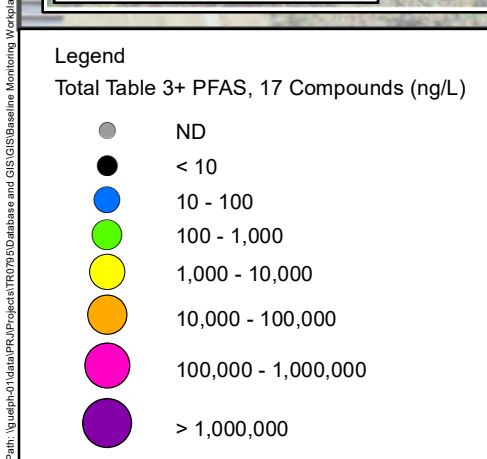
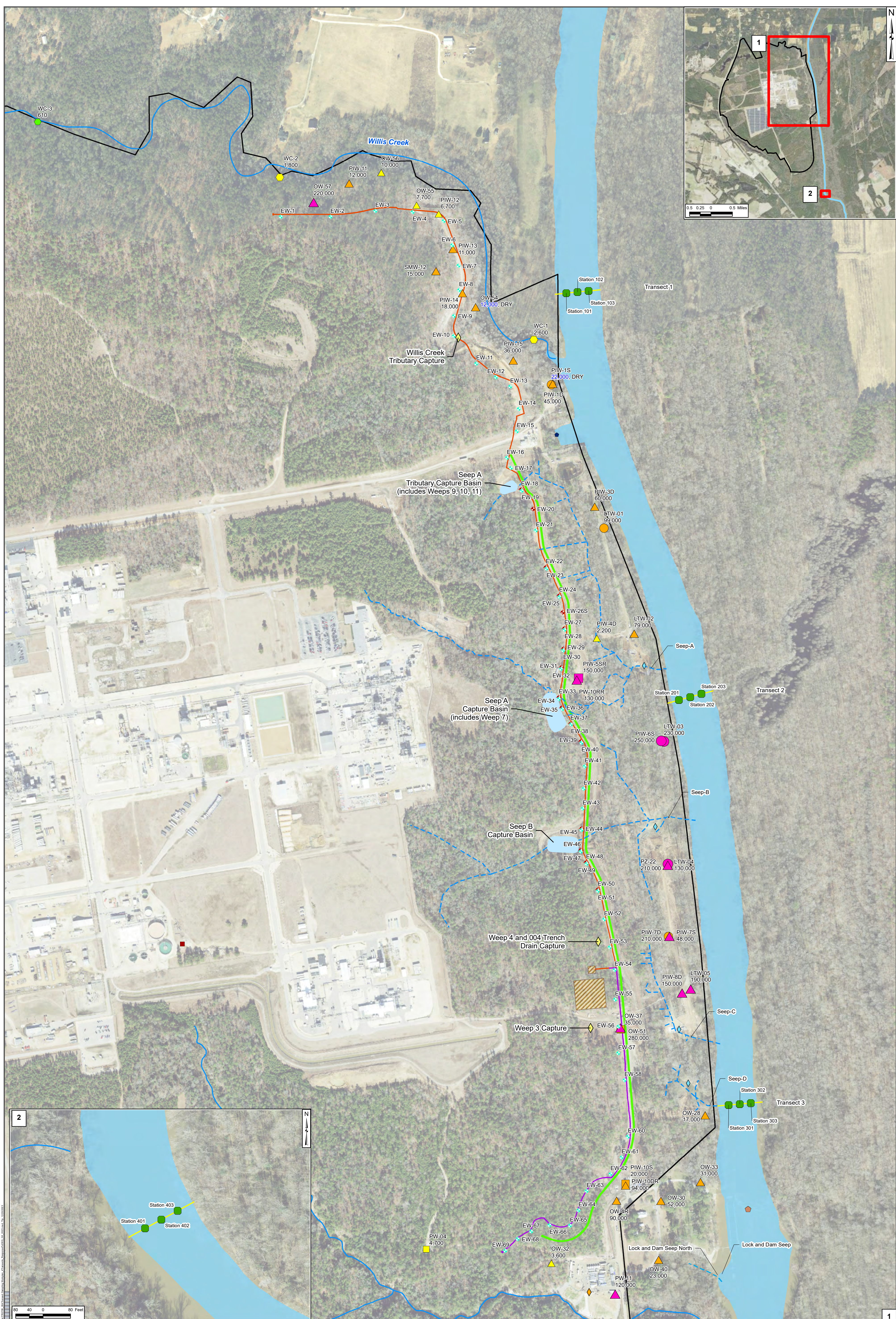
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Legend					
Staff Gauge	Barrier Wall	2-ft January 2023 GW	Site Boundary	Notes: 1. Antecedent daily total rainfall (September 18-19): 0 inches 2. Staff gauges and stilling wells installed end of September 2023 with data available starting in fourth quarter 2023 reporting period.	
Stilling Well	2-ft September 2023 GW	Elevation	Seep		
Black Creek Aquifer	Elevation	10-ft January 2023 GW	Nearby Tributary		
Extraction Well	10-ft September 2023 GW	Elevation	Cape Fear River		
	Elevation	Force main			

Northern Alignment Potentiometric Map January 2023 - September 2023 Chemours Fayetteville Works, North Carolina		Figure 6-4C
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	
Raleigh, NC	December 2023	

Path: P:\PRJ\Projects\TR0795\GIS\GMEC\GMEC\mappings\projects\report\chv_reports\maps_v7.aprx\January 2023 - Sept 2023 GWE 11x17 Last Revised: 12/21/2023 Author: jkasunic



Notes:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/ observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the recent 3Q2023 sampling performed for these wells (July 7 to September 8, 2023). For PIW-1S and OW-54, PFAS results (text in blue) from 1Q2023 sampling (February 16, 2023) are presented, since these two wells were dry in 3Q2023. WC PFAS results are from the sampling performed on July 27, 2023.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

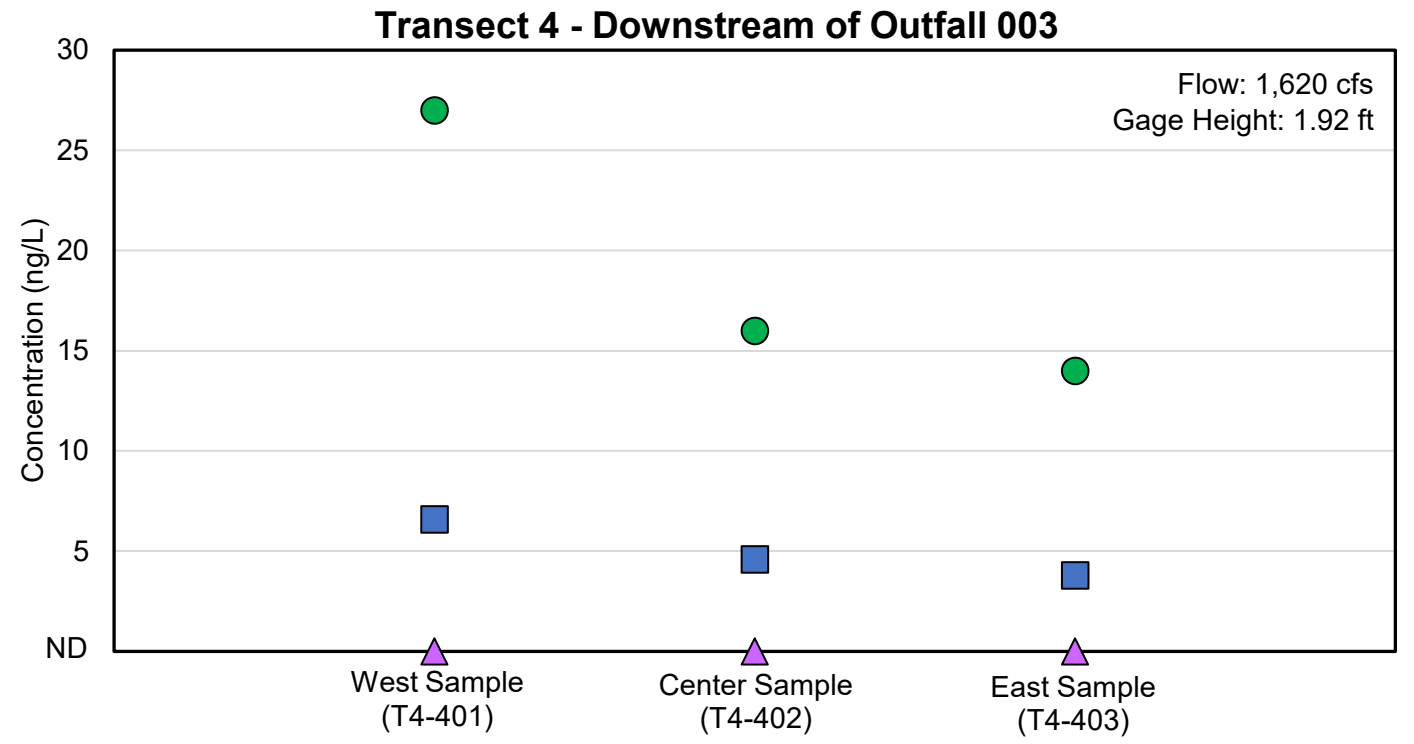
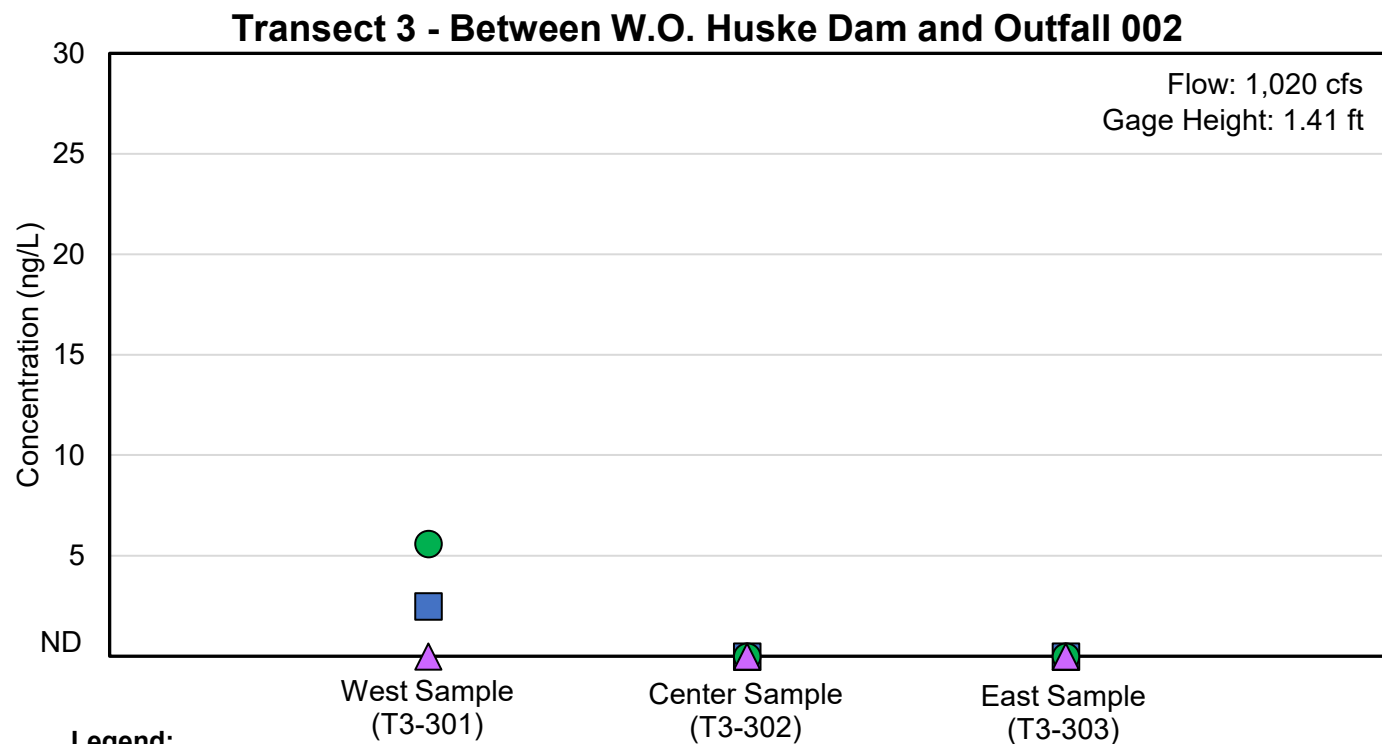
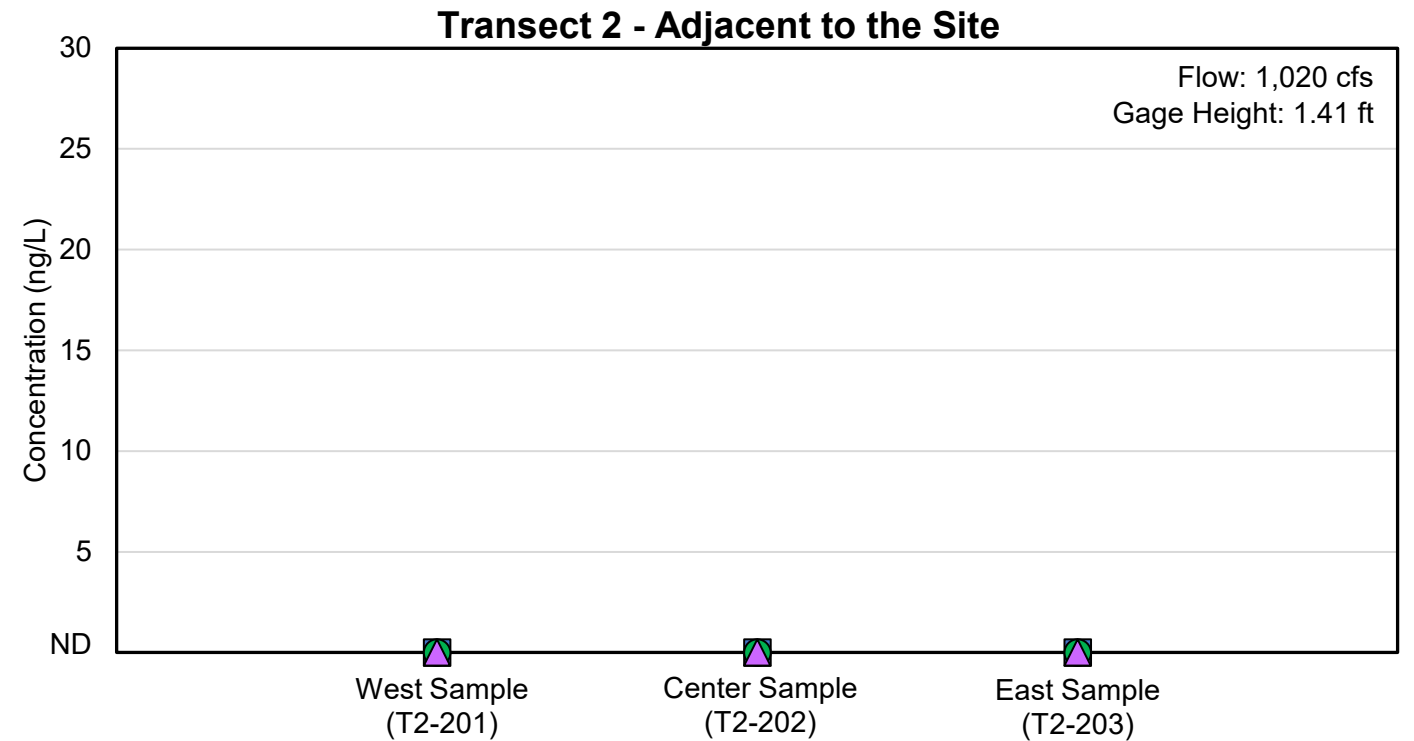
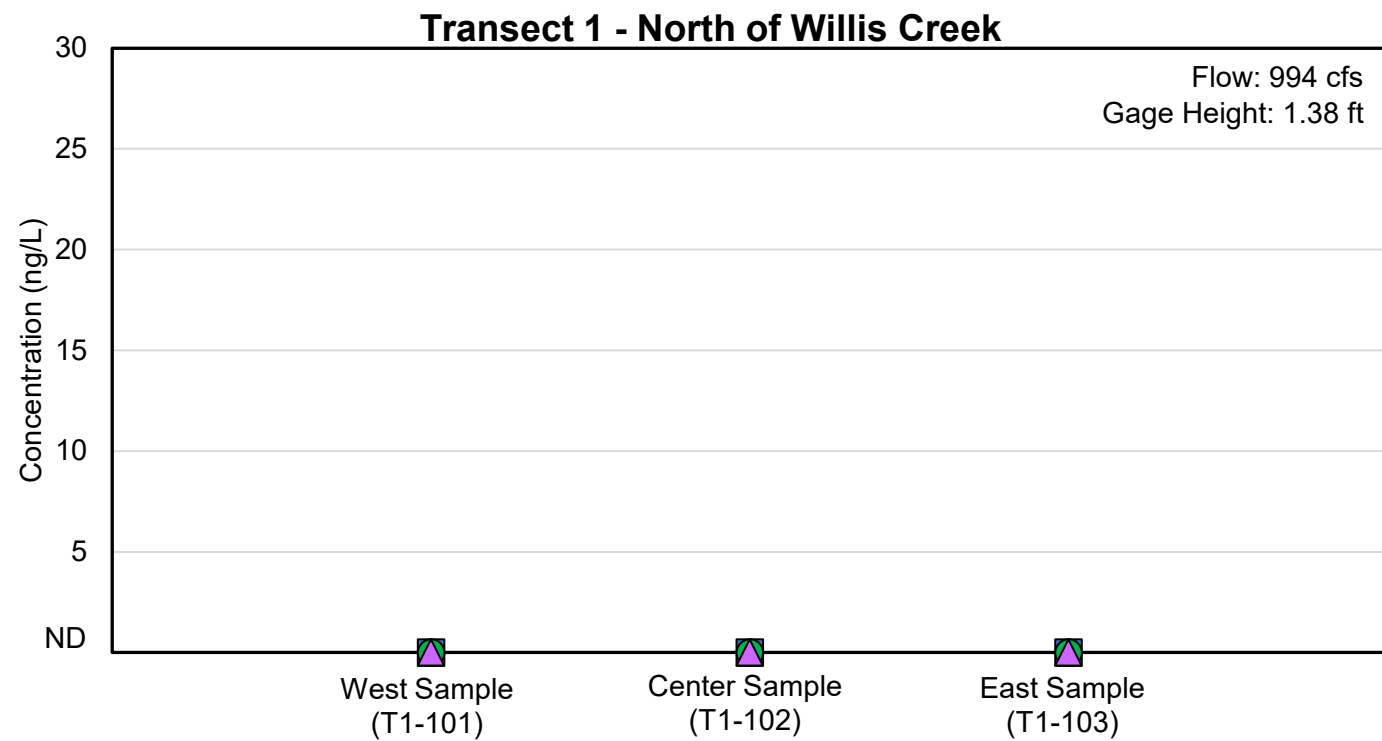
250 125 0 250 Feet

Cape Fear River Transect Sampling Locations and PFAS Analytical Results in Groundwater
Chemours Fayetteville Works, North Carolina

Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No. C 3500 and C 285

Raleigh November 2023

Figure 6-5

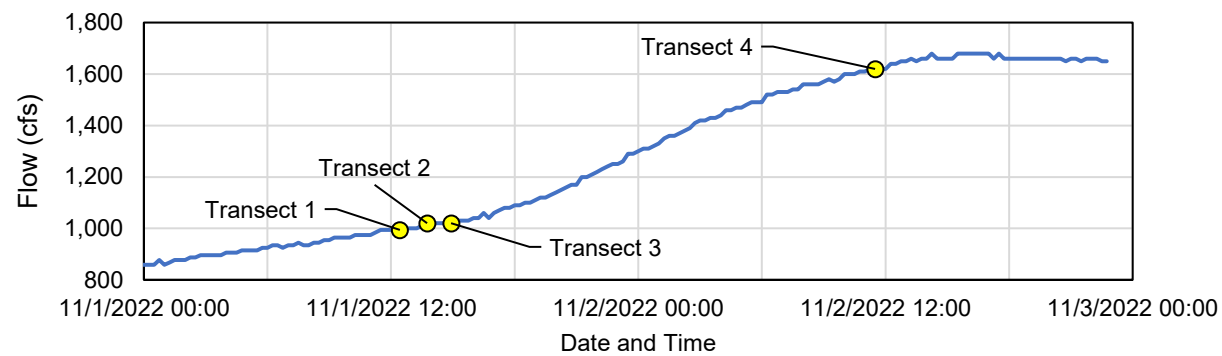


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0.01 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (November 2022)

Chemours Fayetteville Works, North Carolina

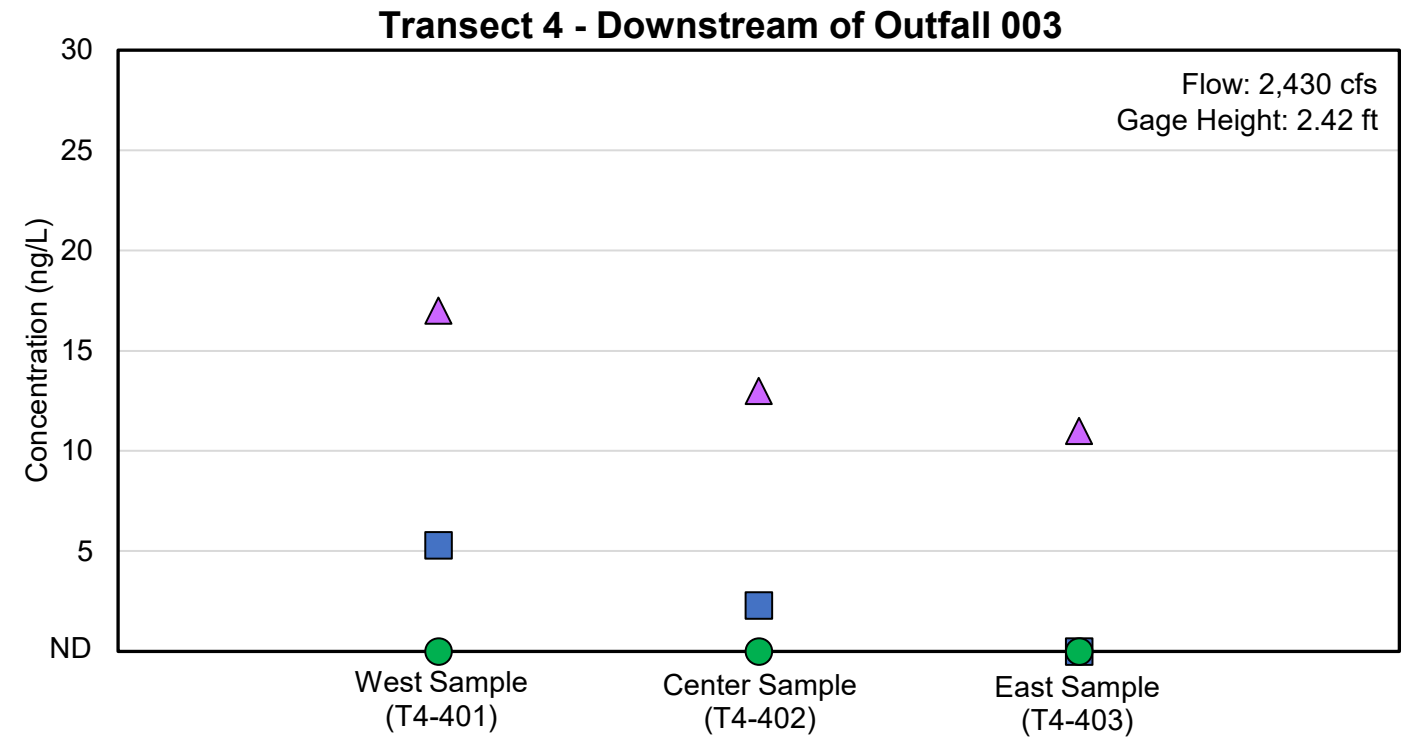
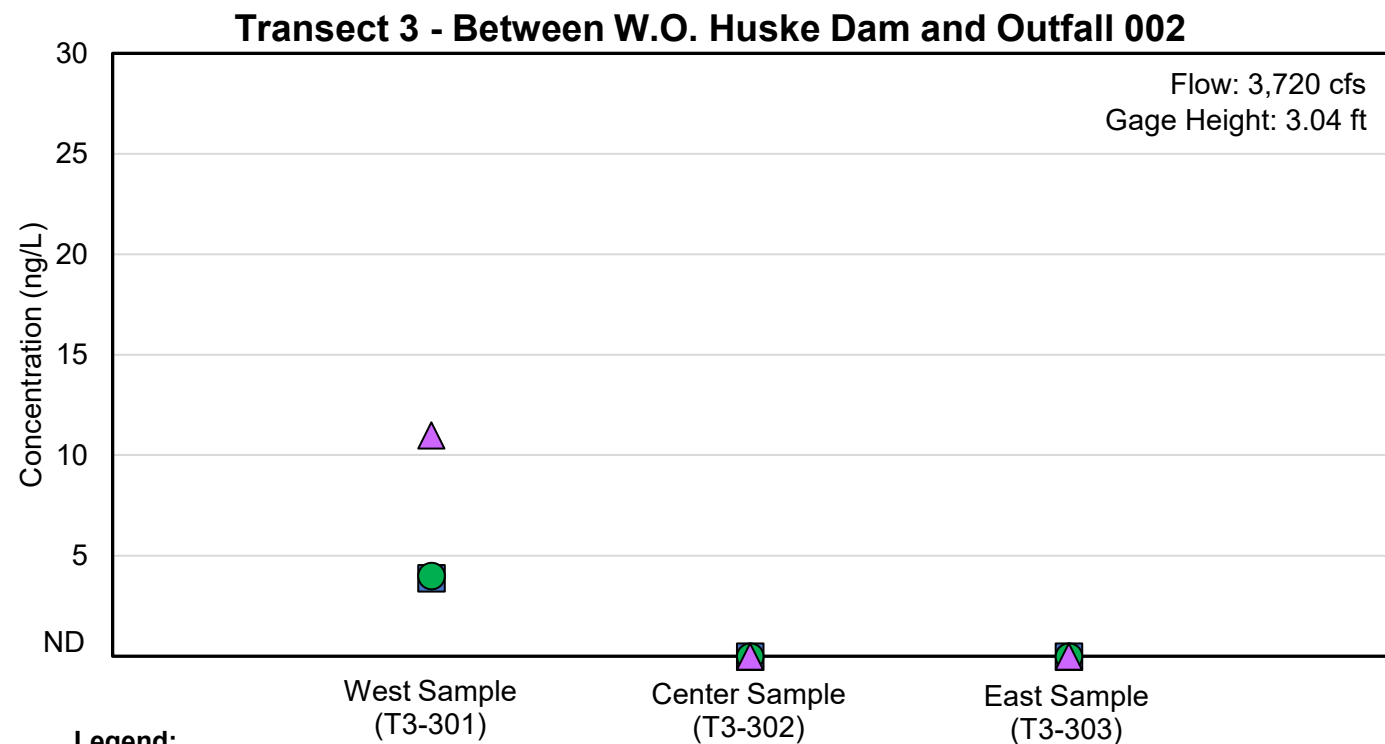
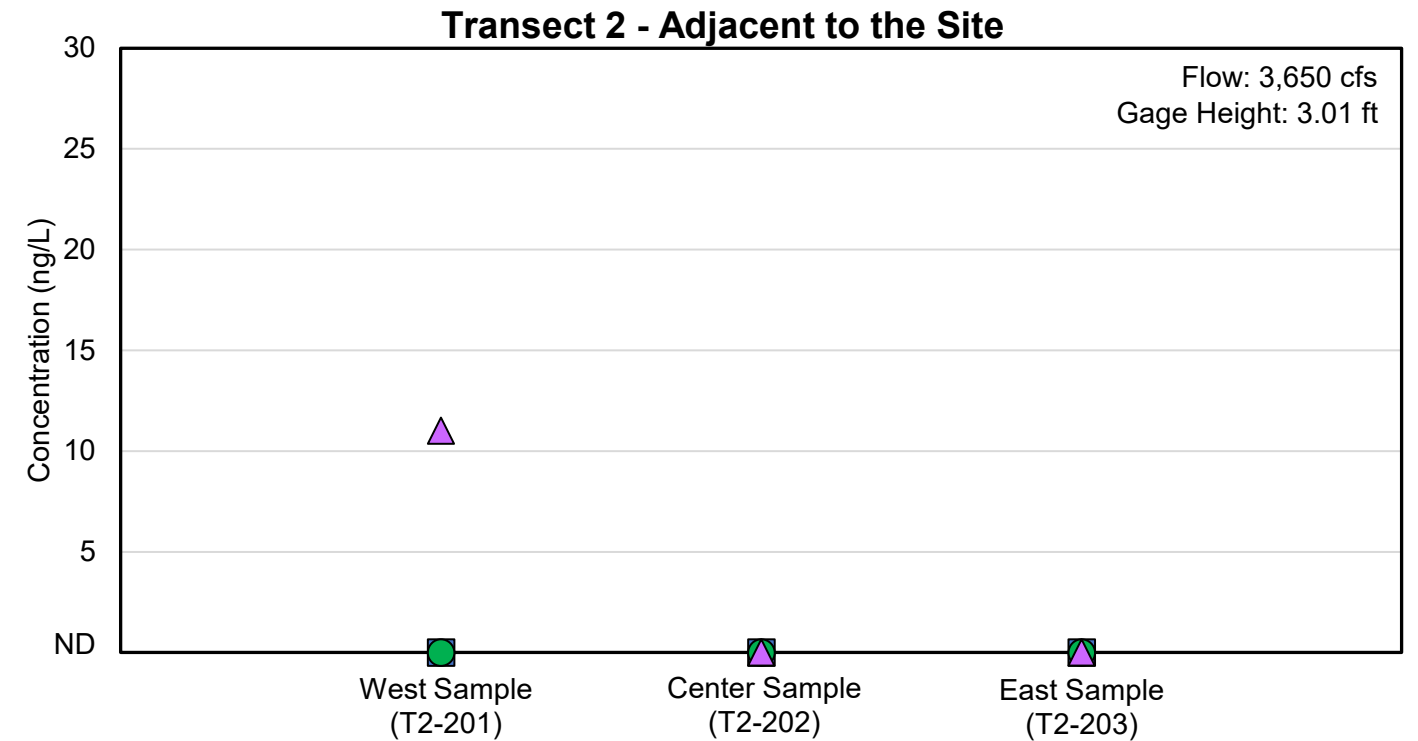
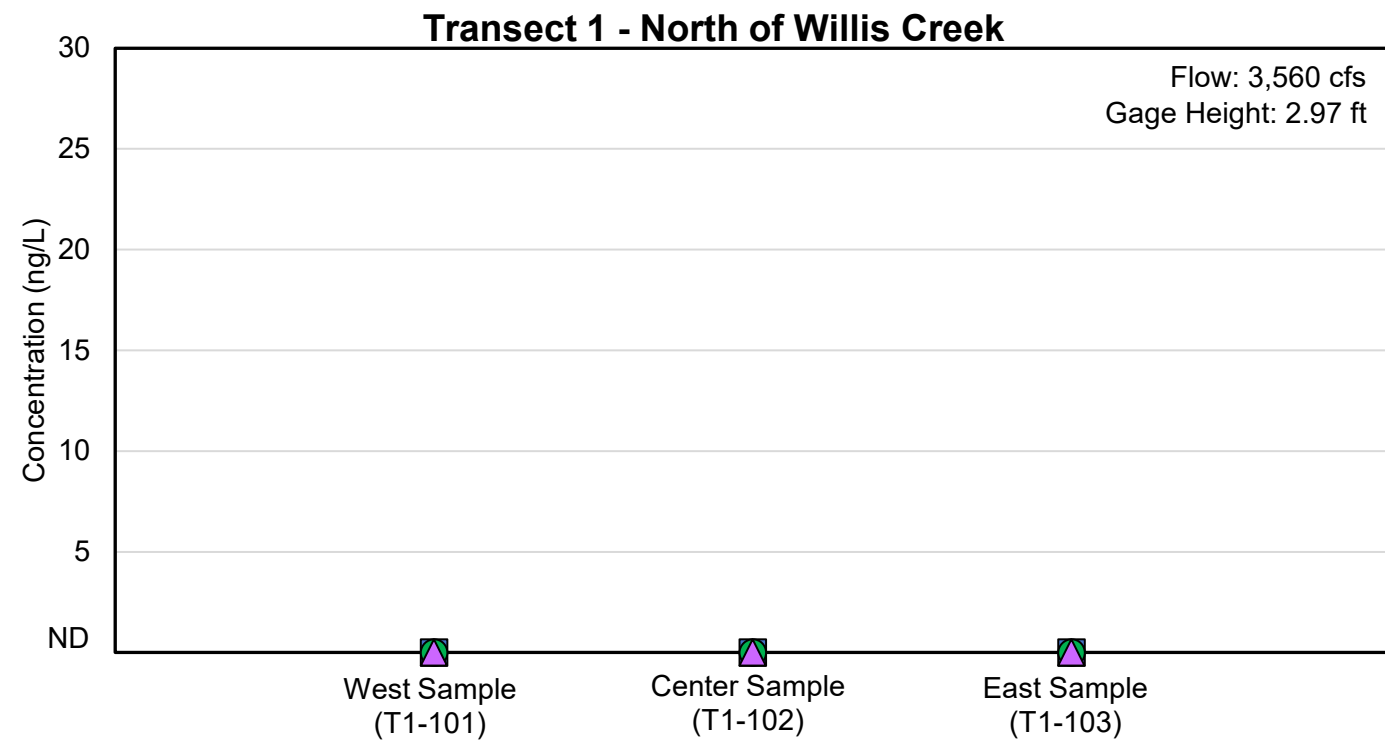
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6A

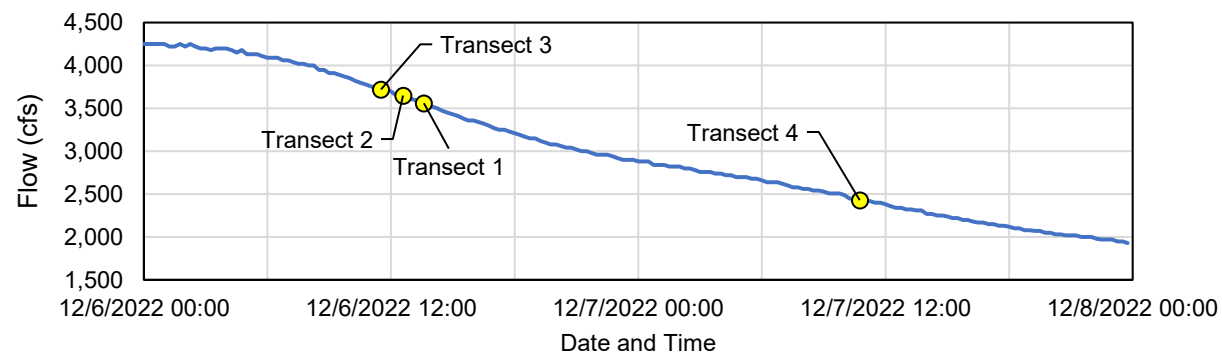


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
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- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (December 2022)

Chemours Fayetteville Works, North Carolina

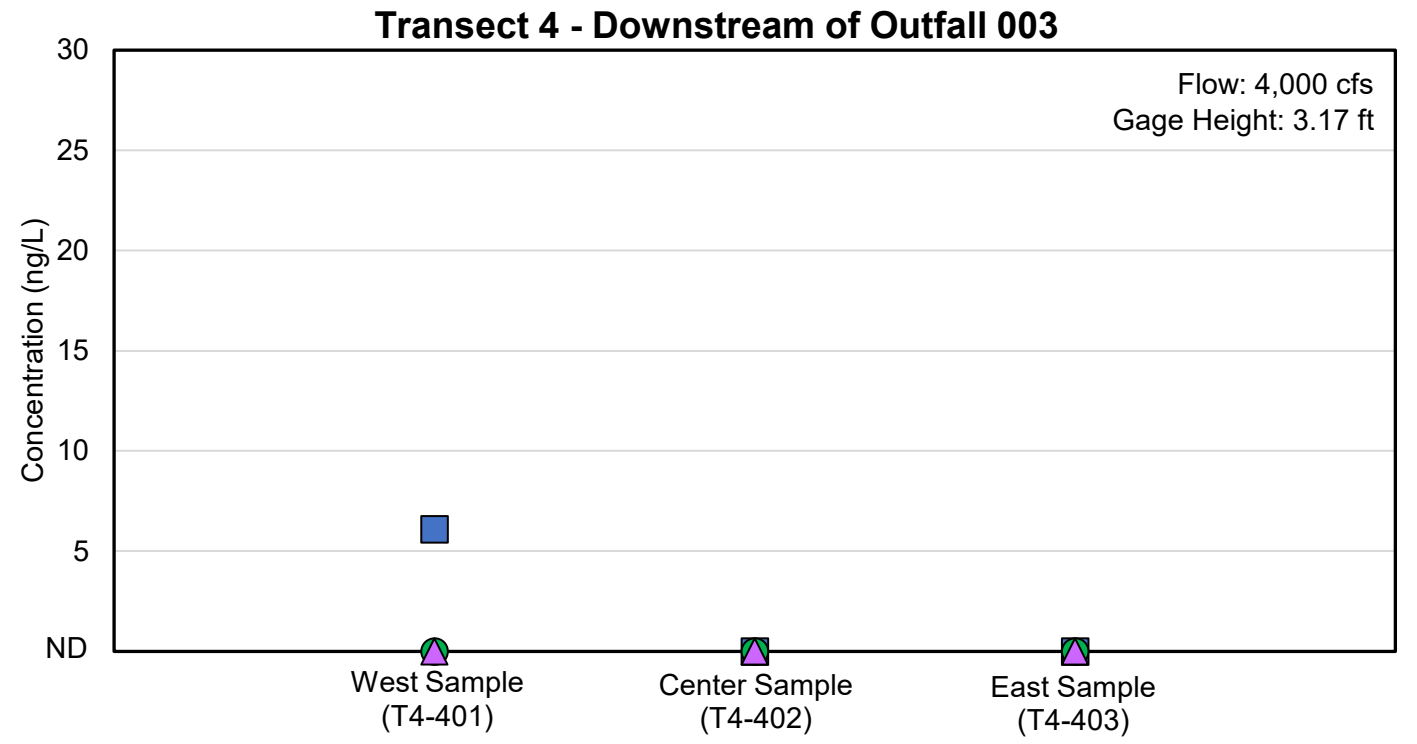
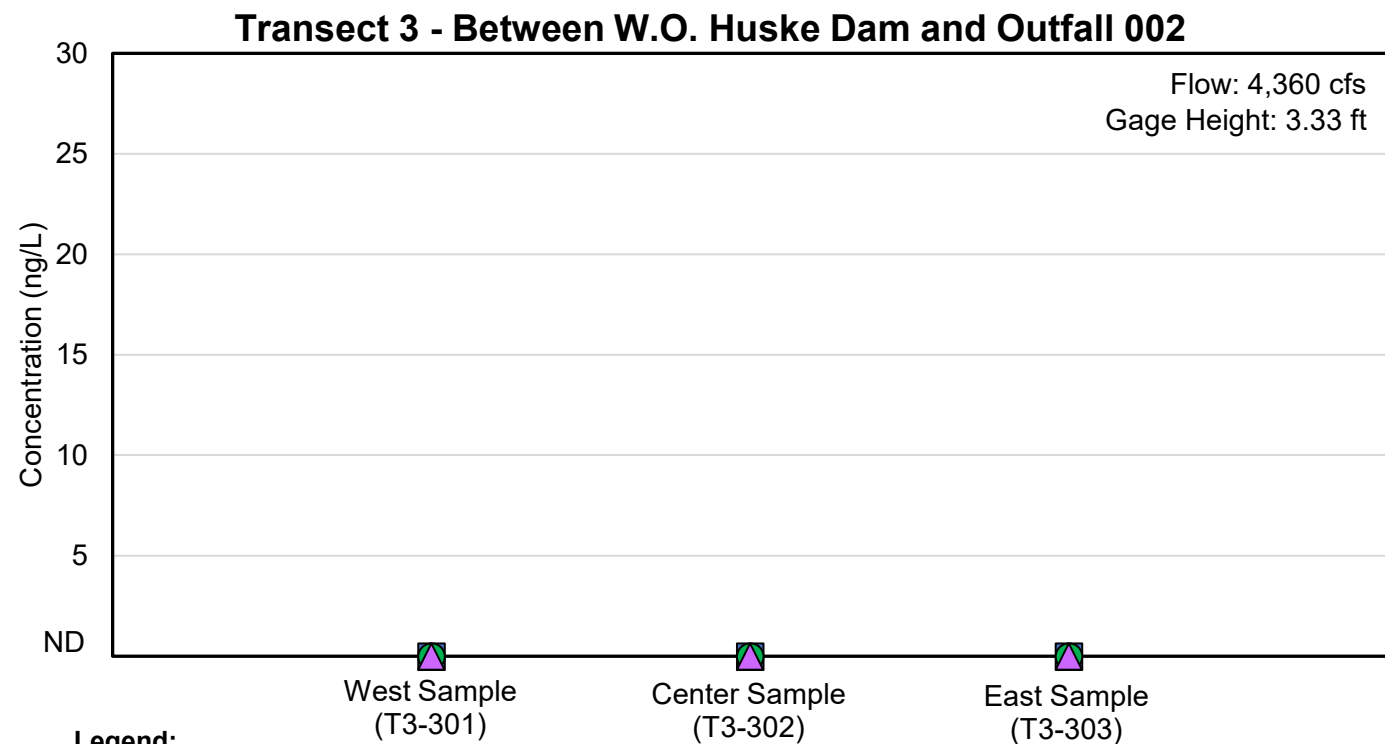
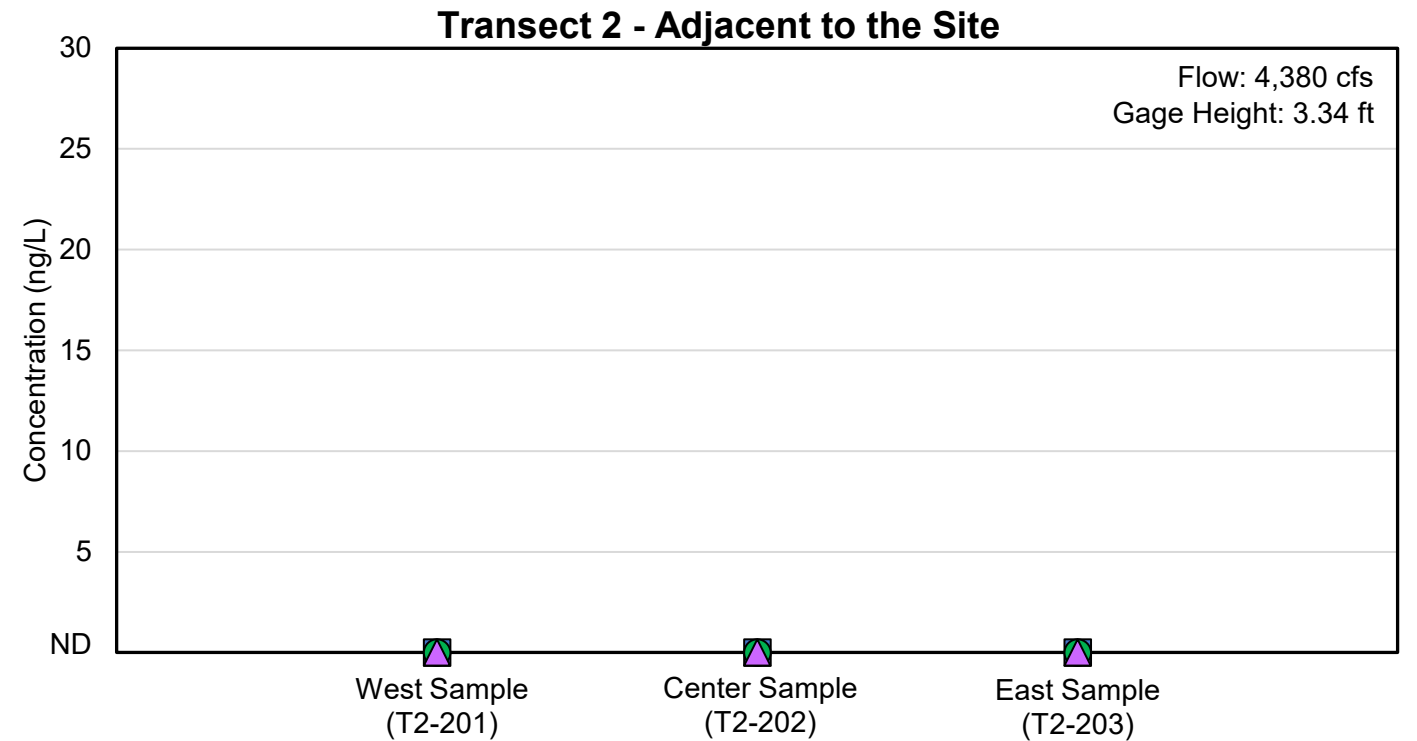
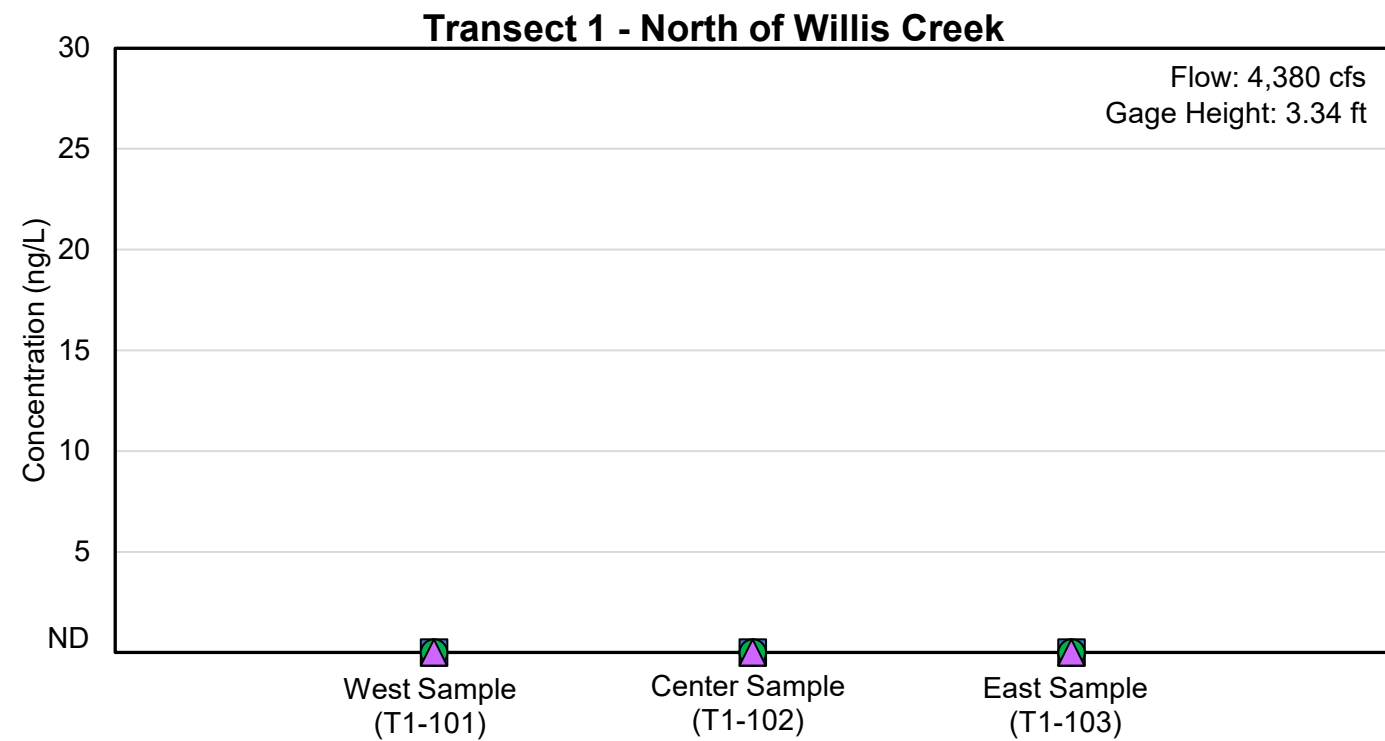
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6B

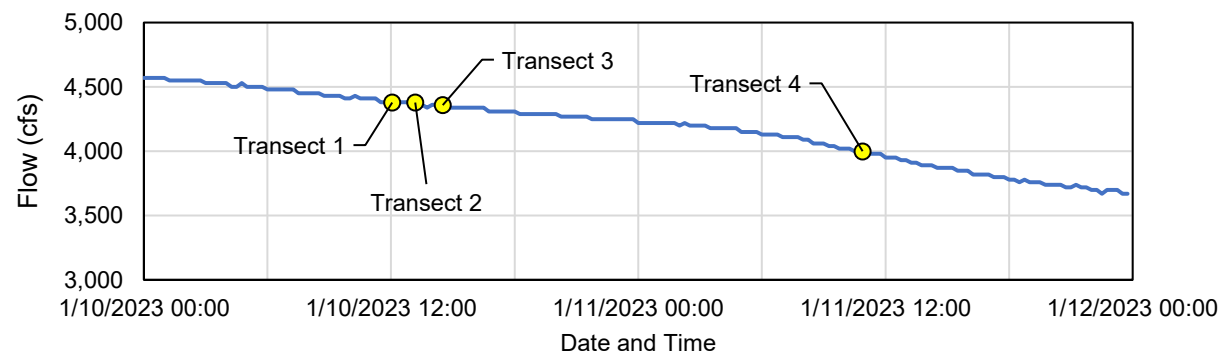


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 5 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.
- 5. PMPA was detected in the equipment blank for this January 2023 river transect sample set at a concentration of 16 ng/L. The PMPA concentrations in this sample set were approximately the same as the concentration in the equipment blank; therefore, the PMPA results in this sample set have been designated as not detected.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (January 2023)

Chemours Fayetteville Works, North Carolina

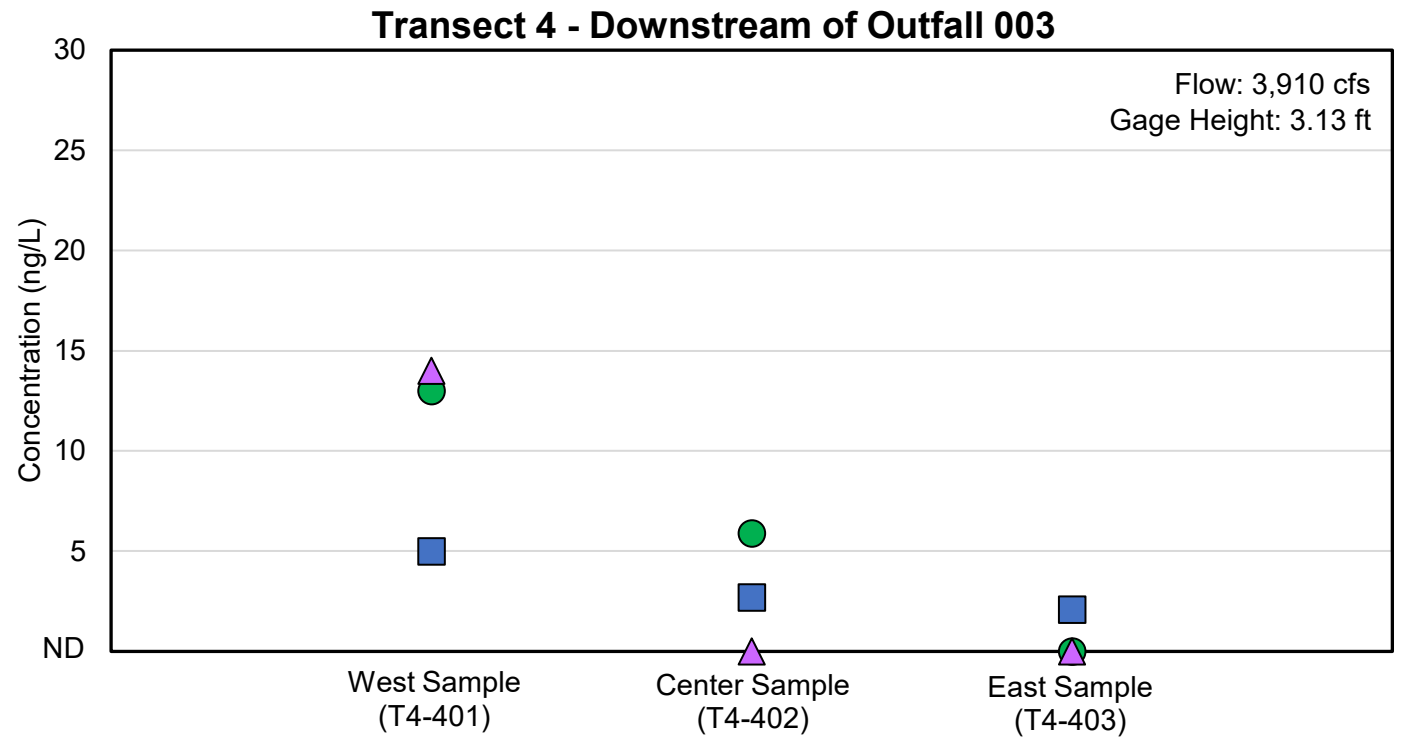
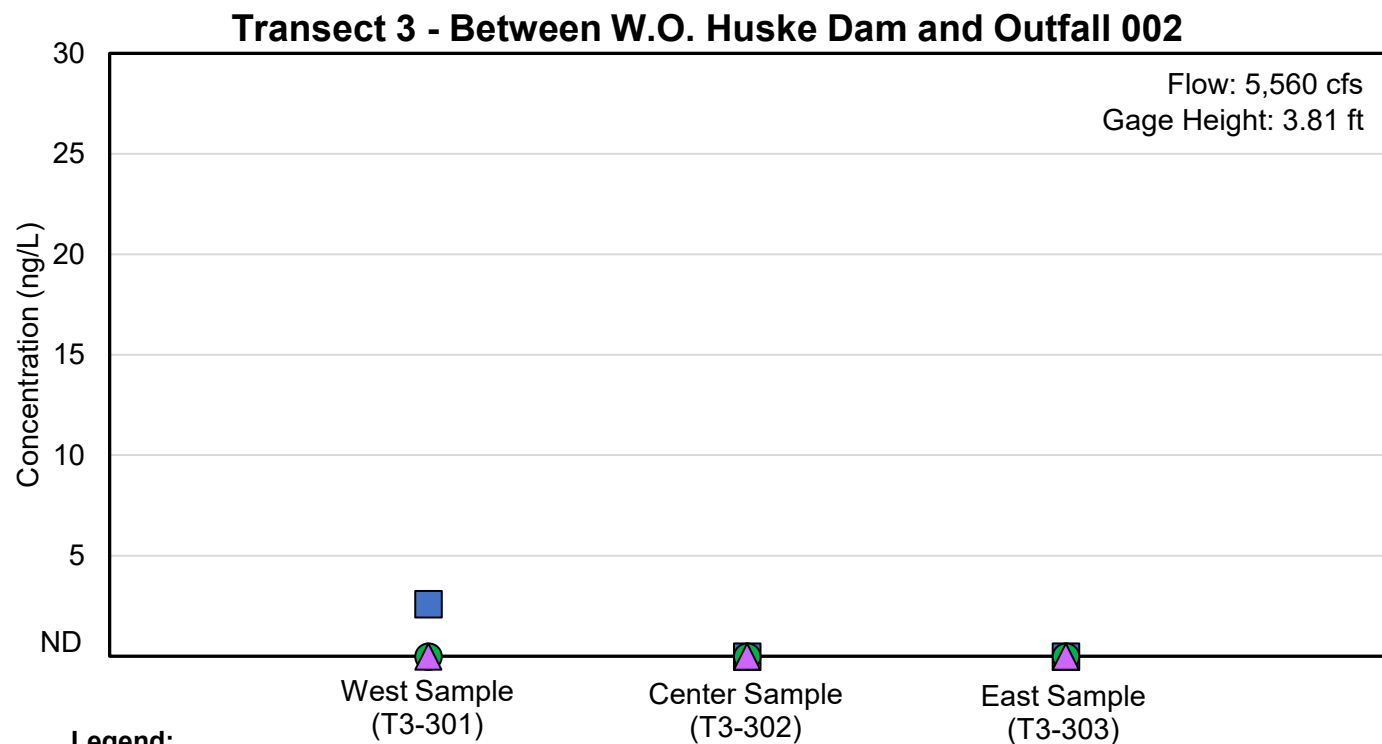
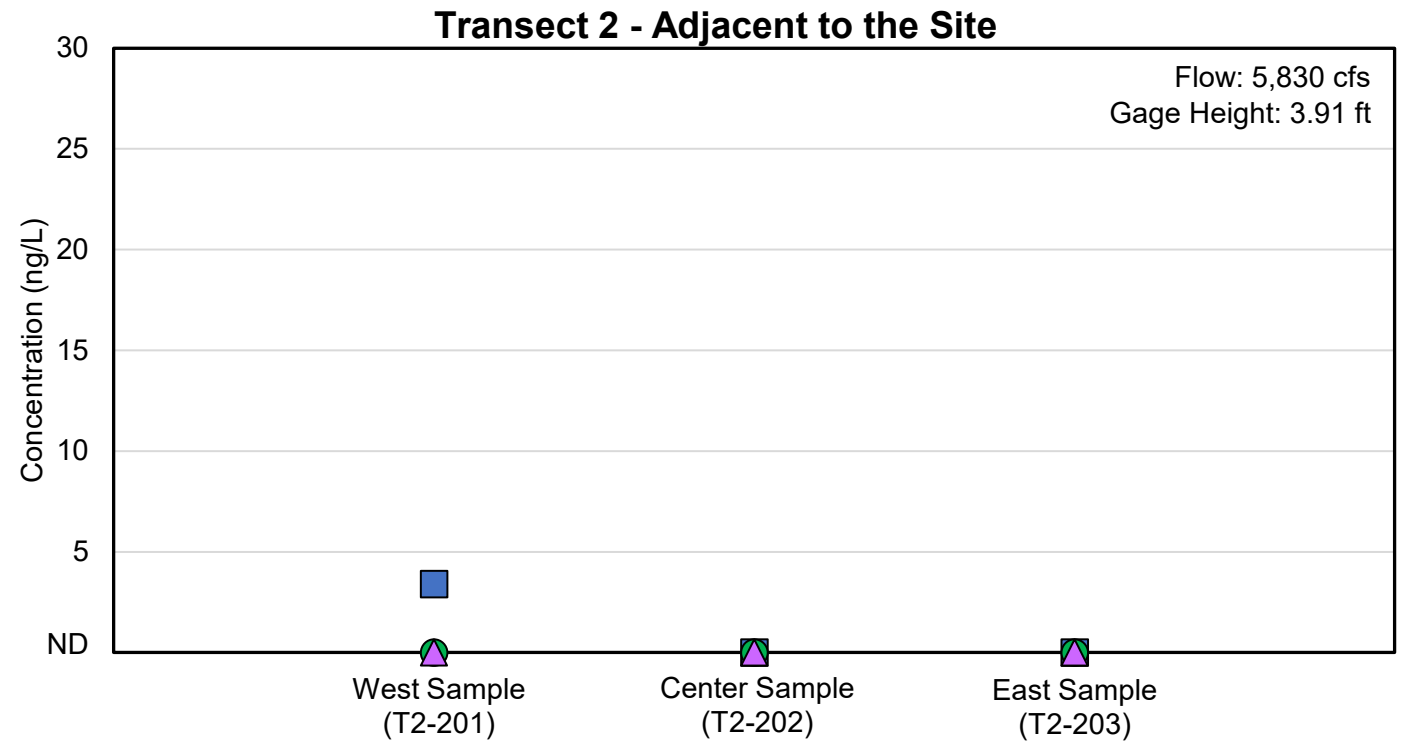
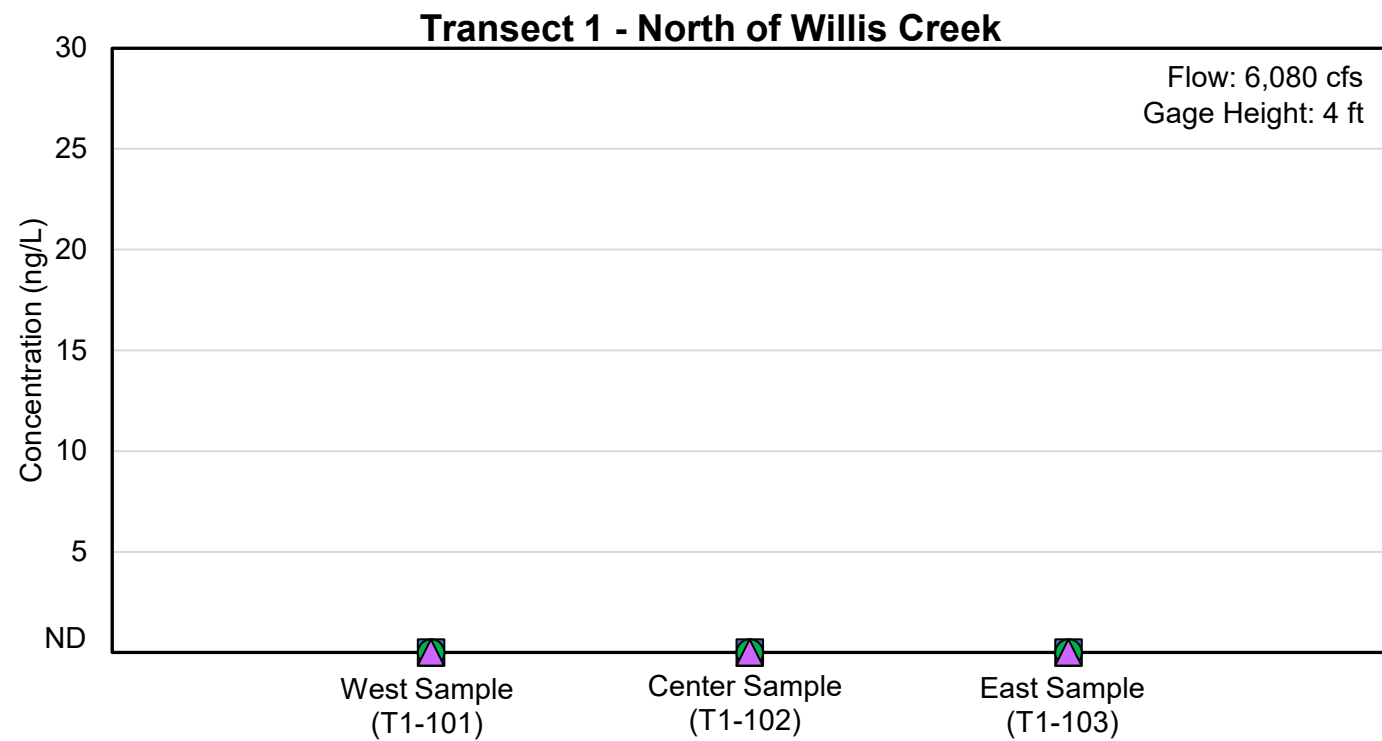
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6C

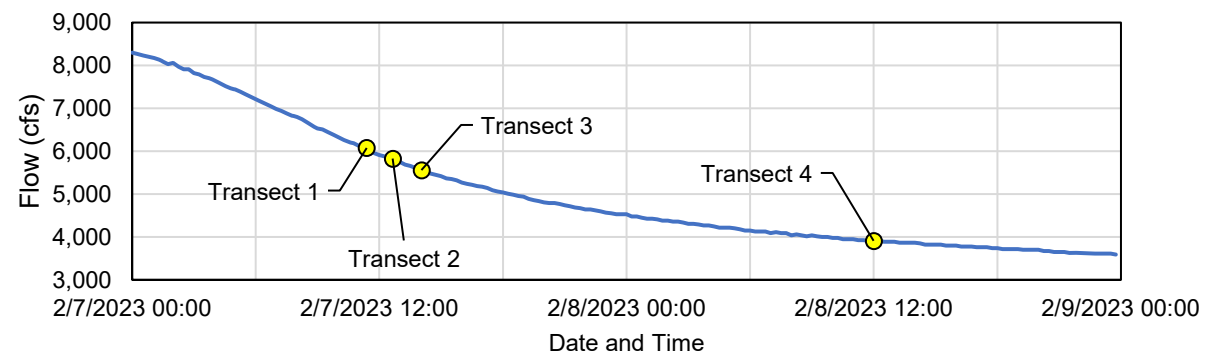


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

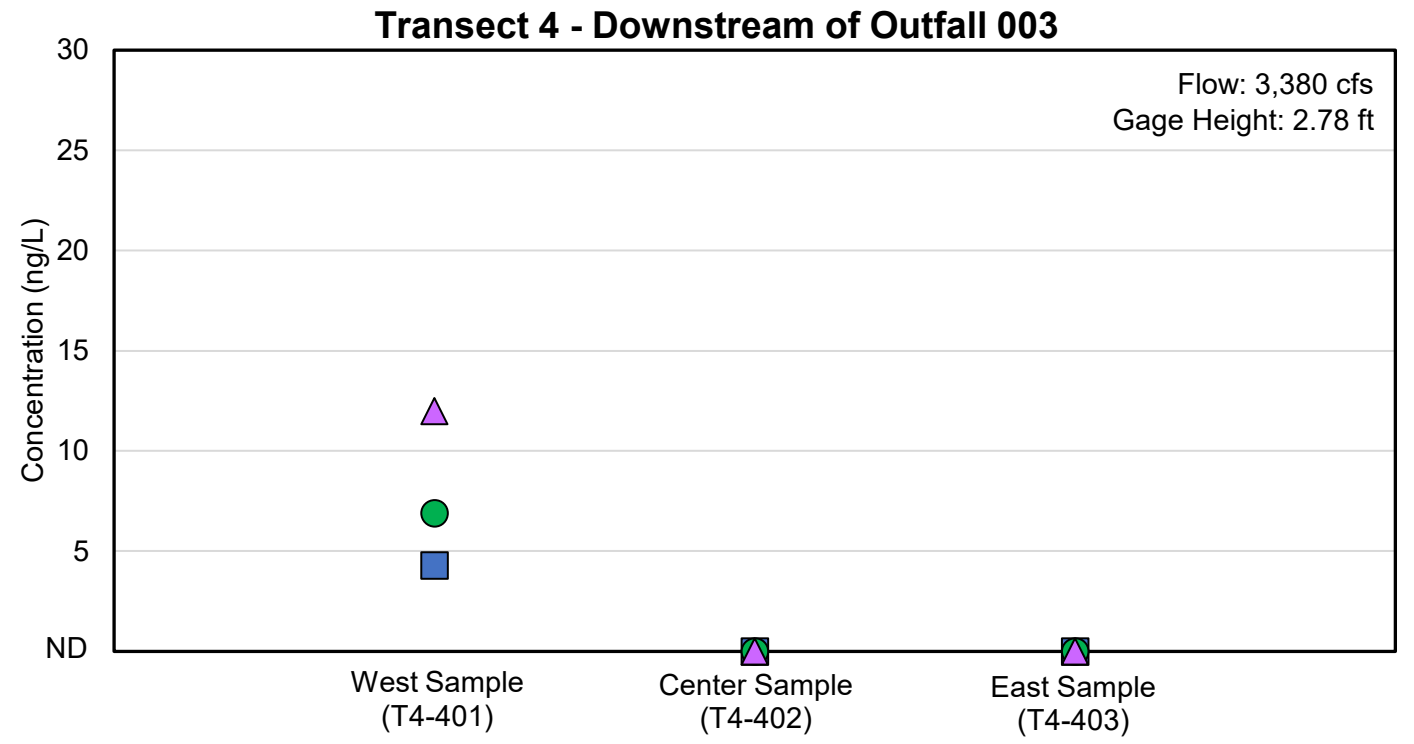
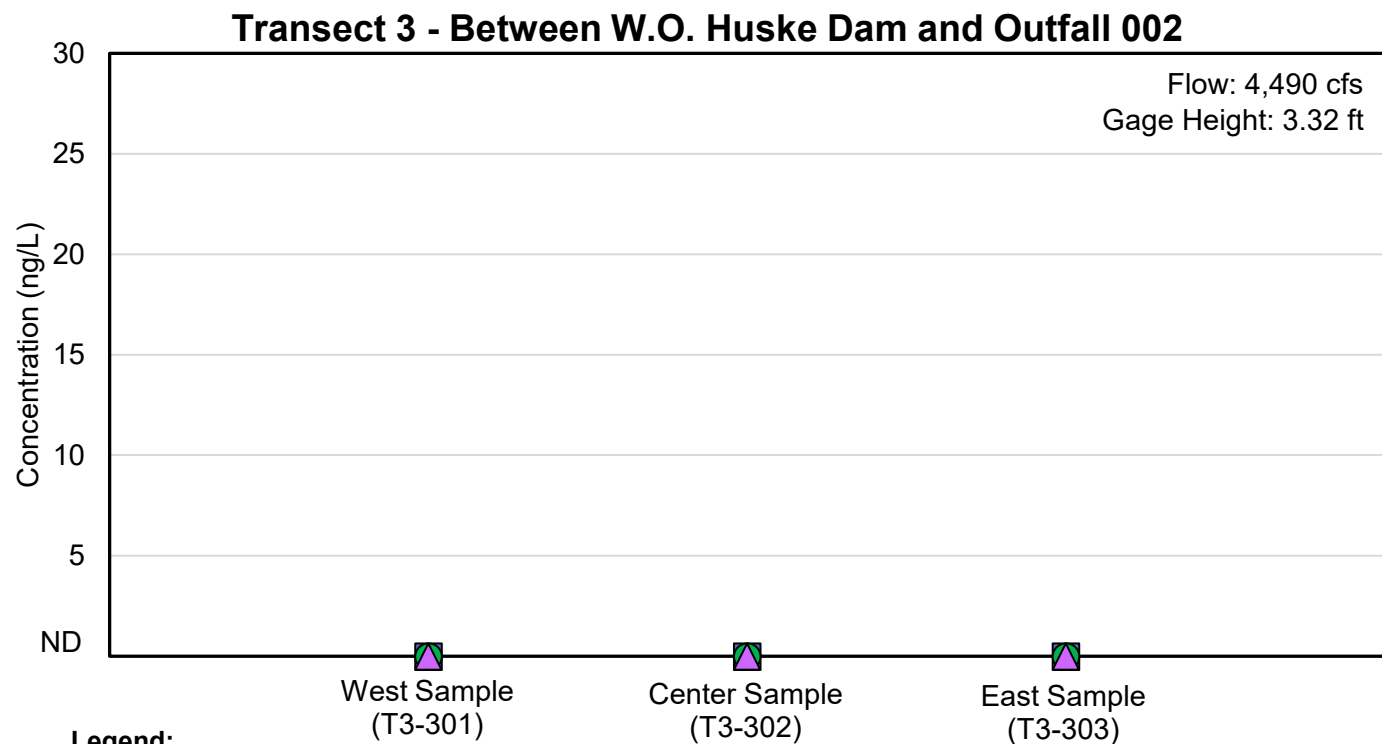
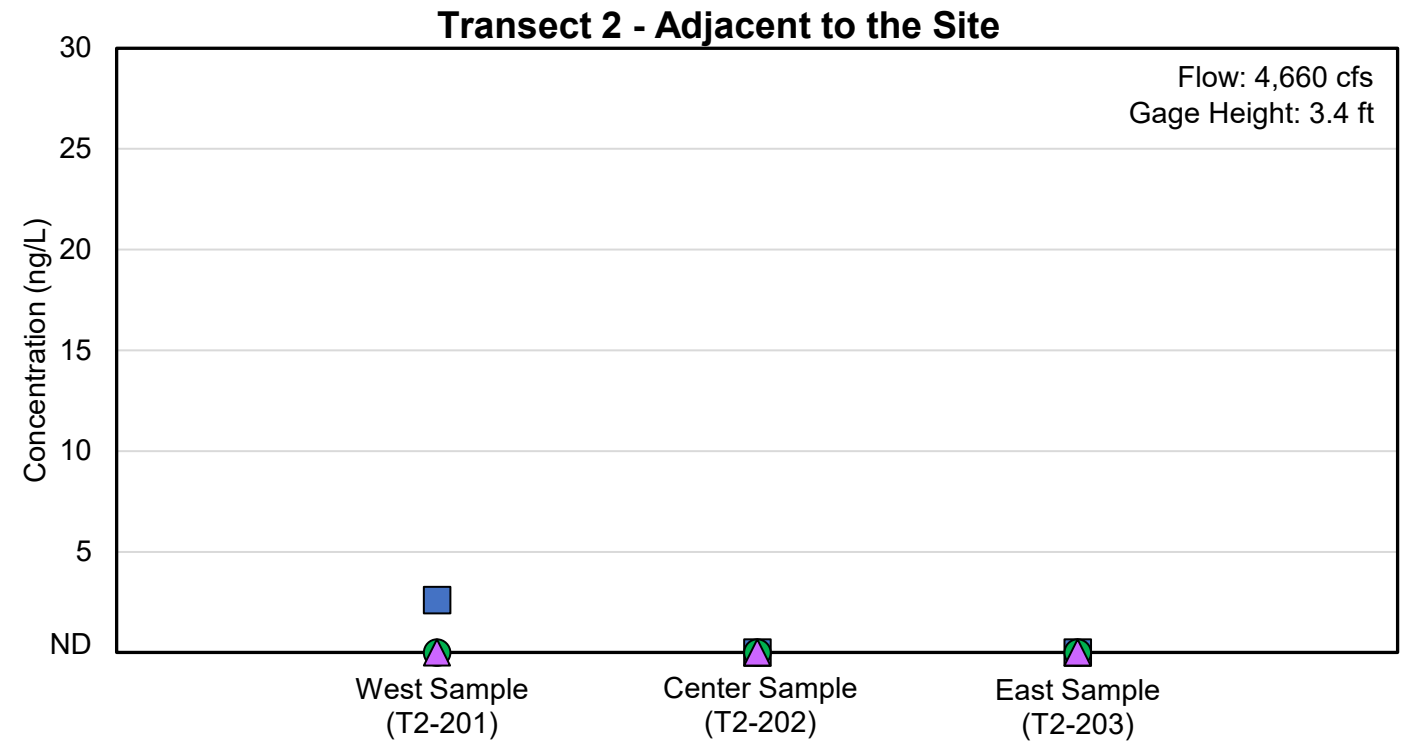
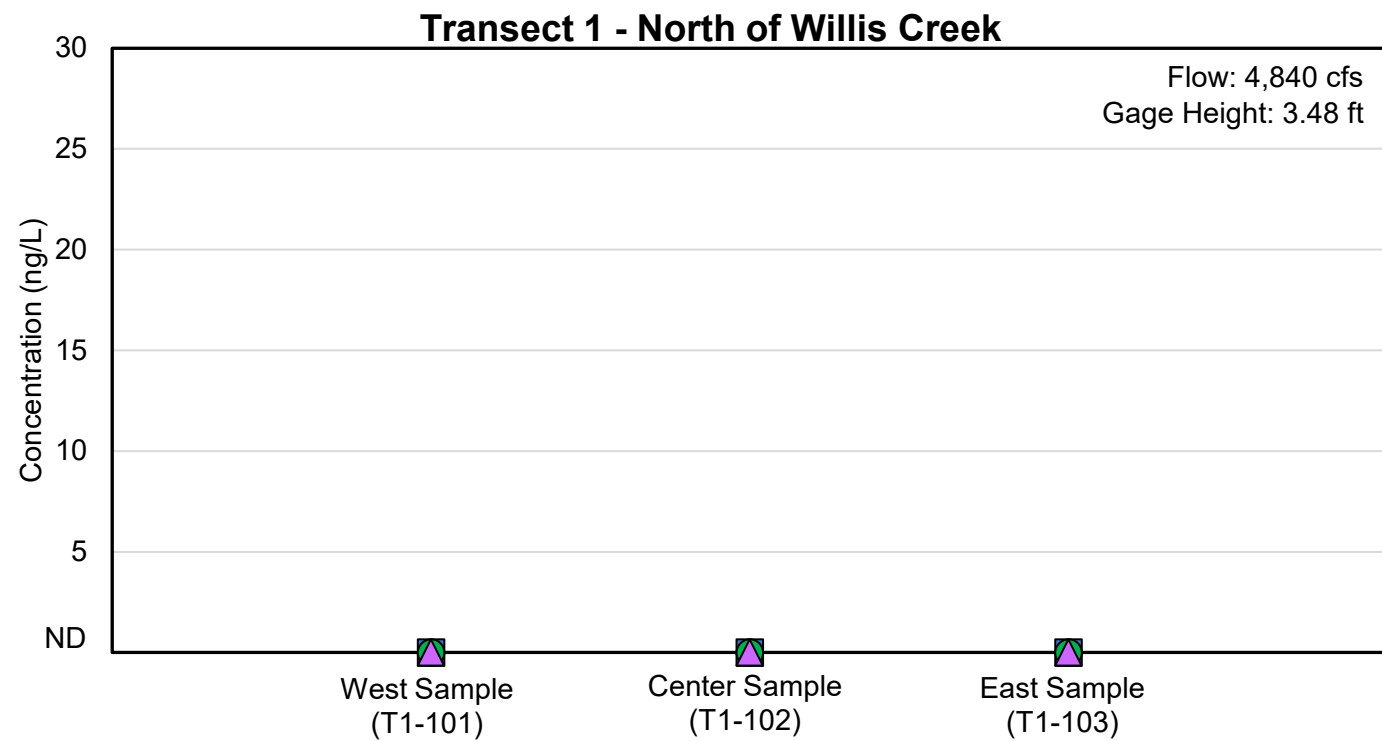
Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (February 2023)		
Chemours Fayetteville Works, North Carolina		
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C-3500 and C-295	Figure
Raleigh	December 2023	6-6D

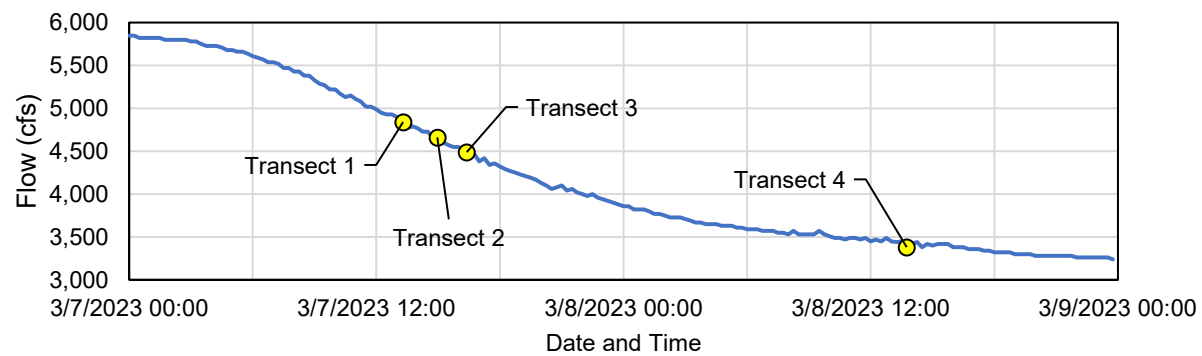


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
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- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (March 2023)

Chemours Fayetteville Works, North Carolina

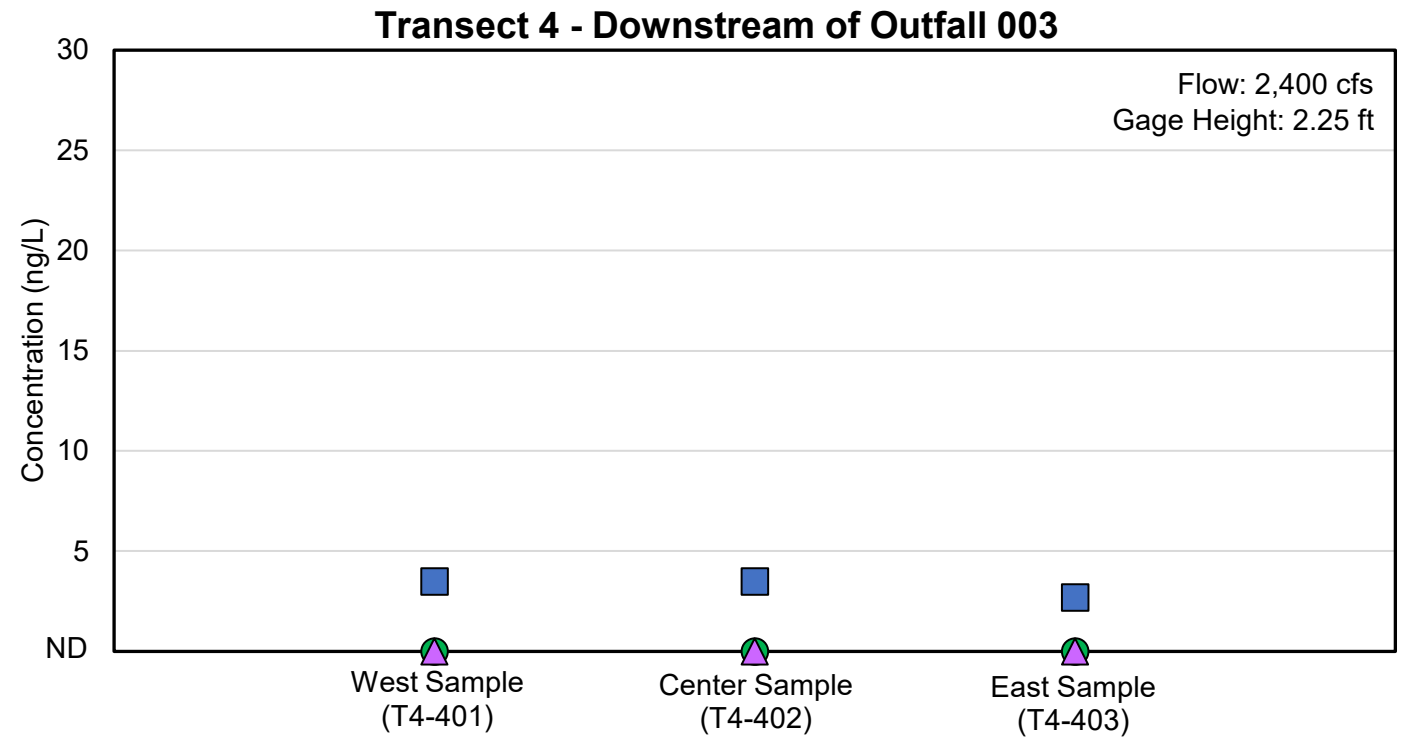
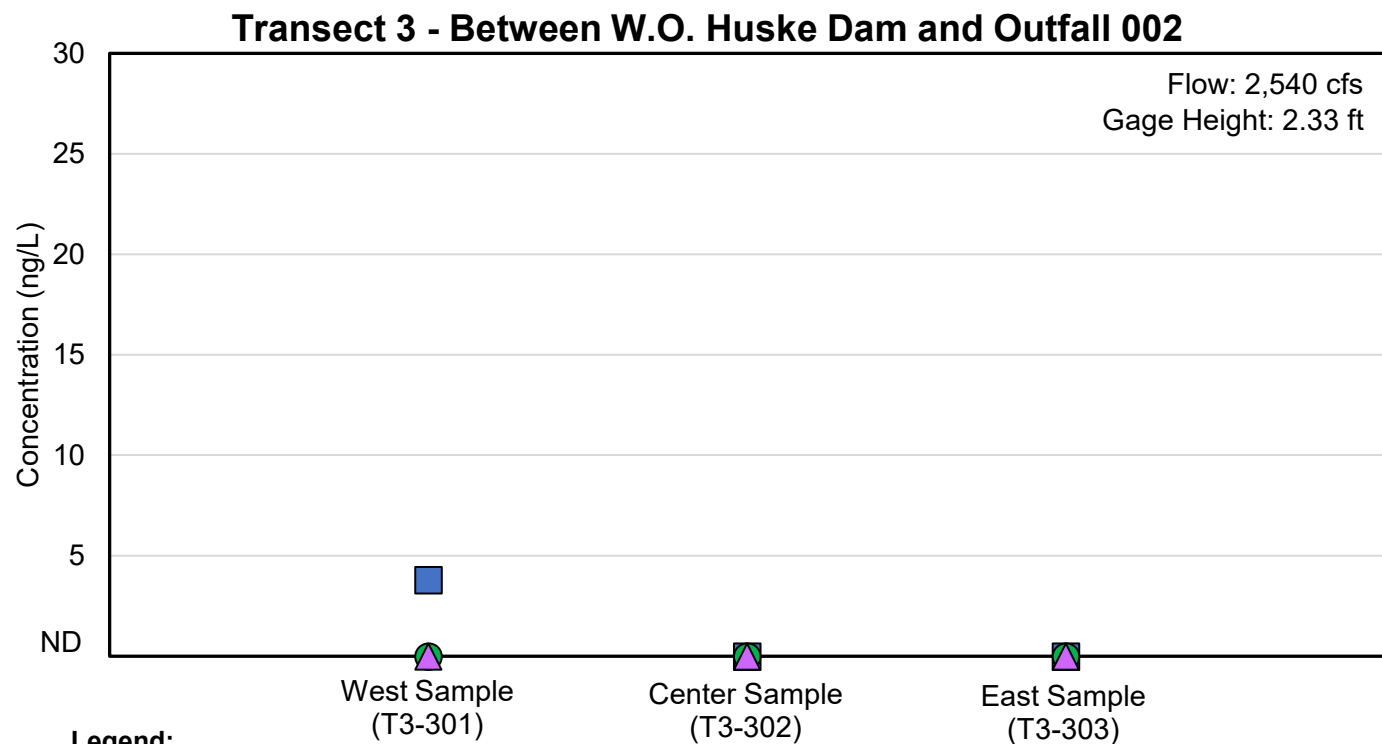
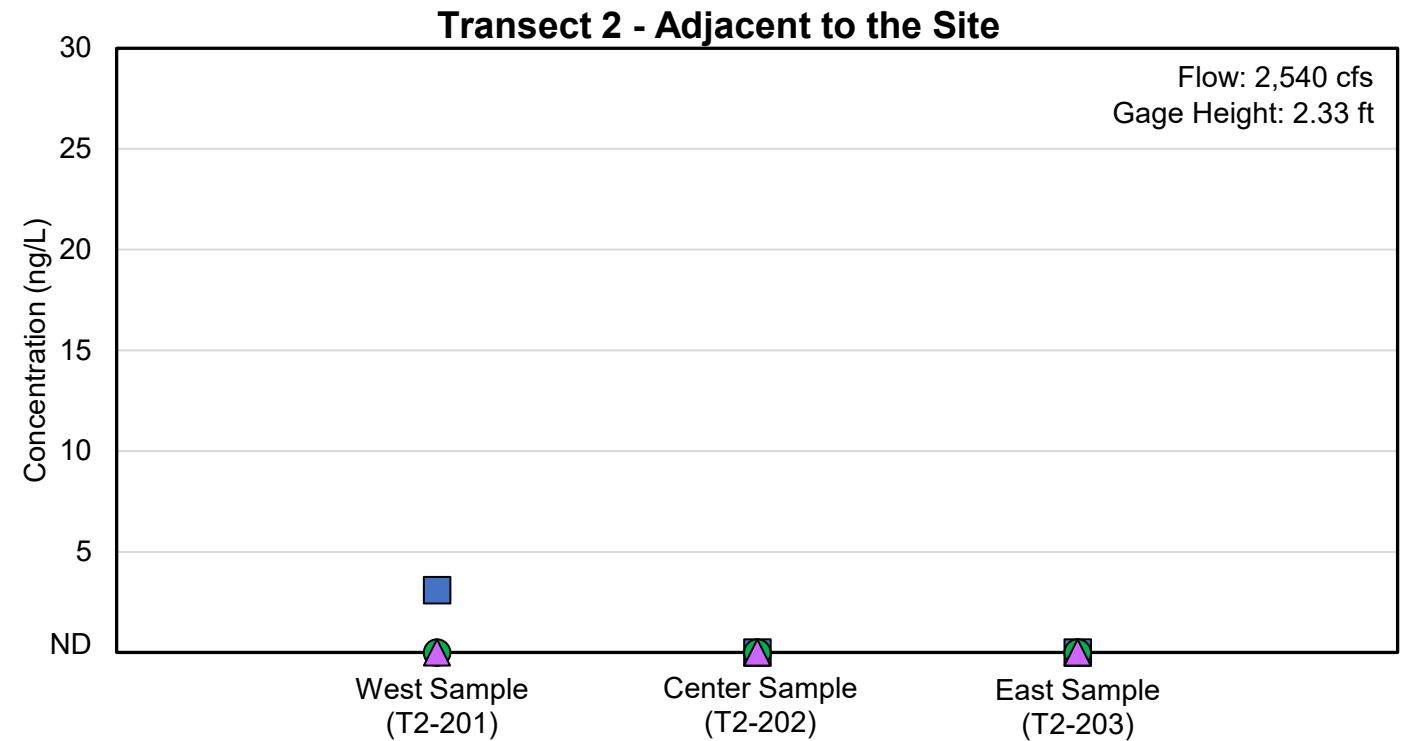
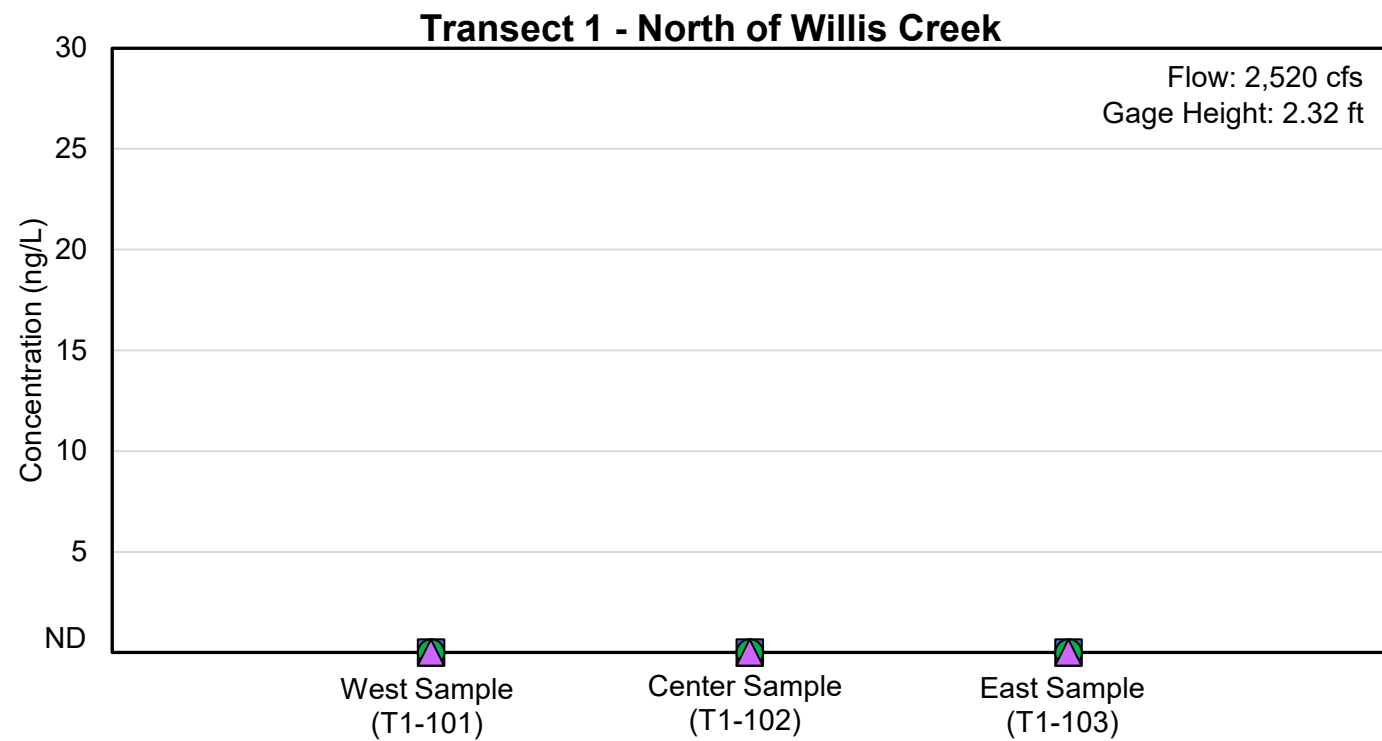
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6E

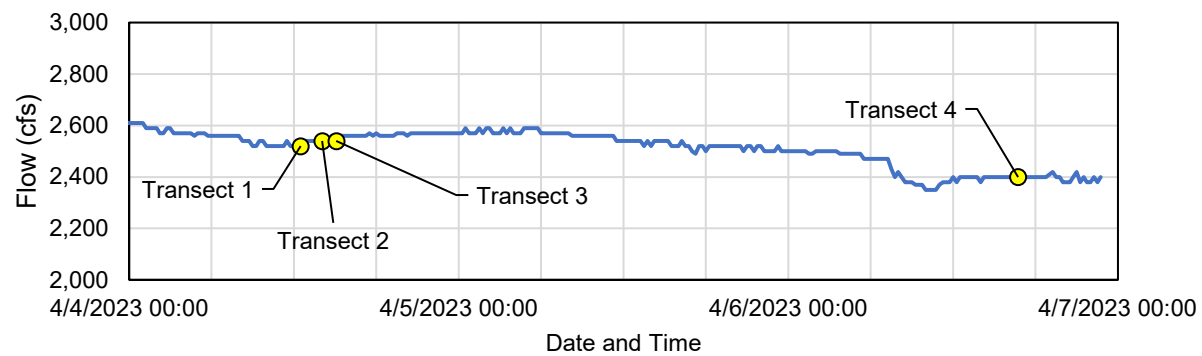


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
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- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (April 2023)

Chemours Fayetteville Works, North Carolina

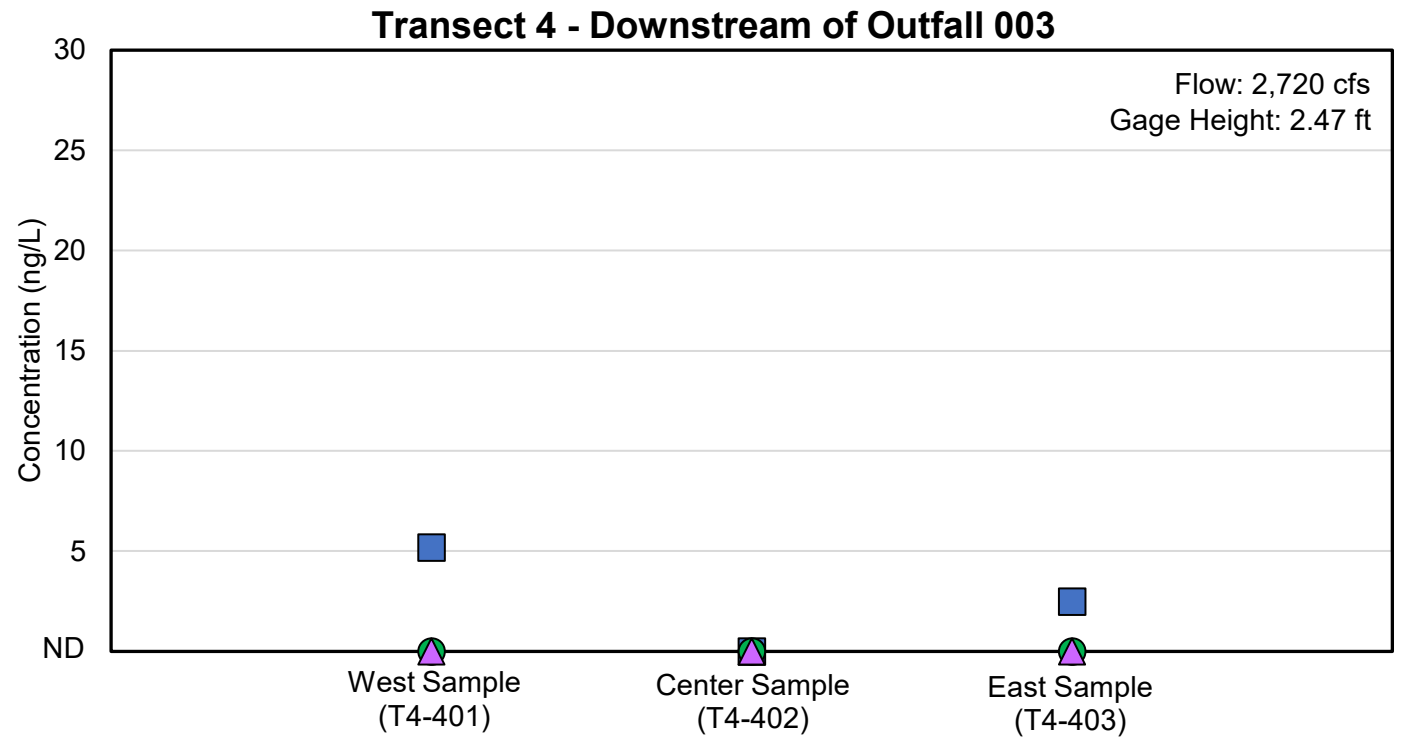
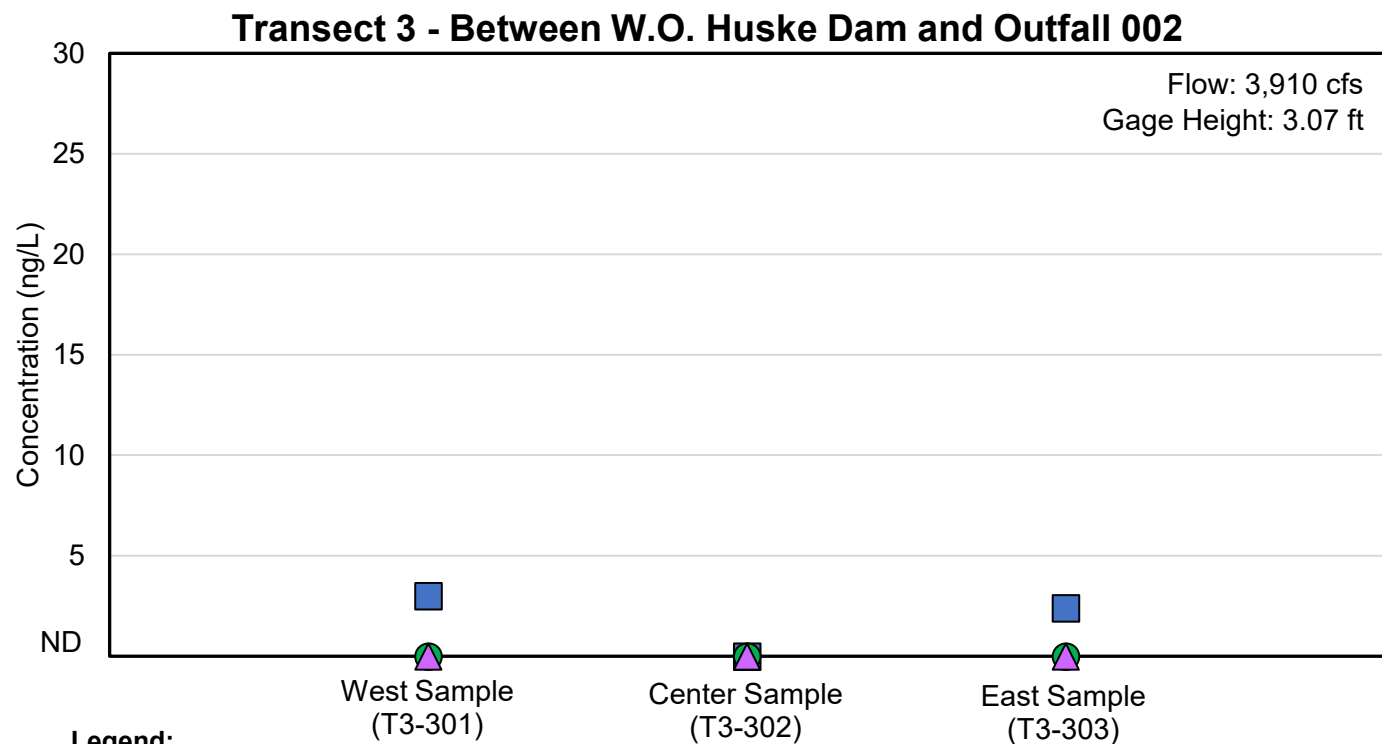
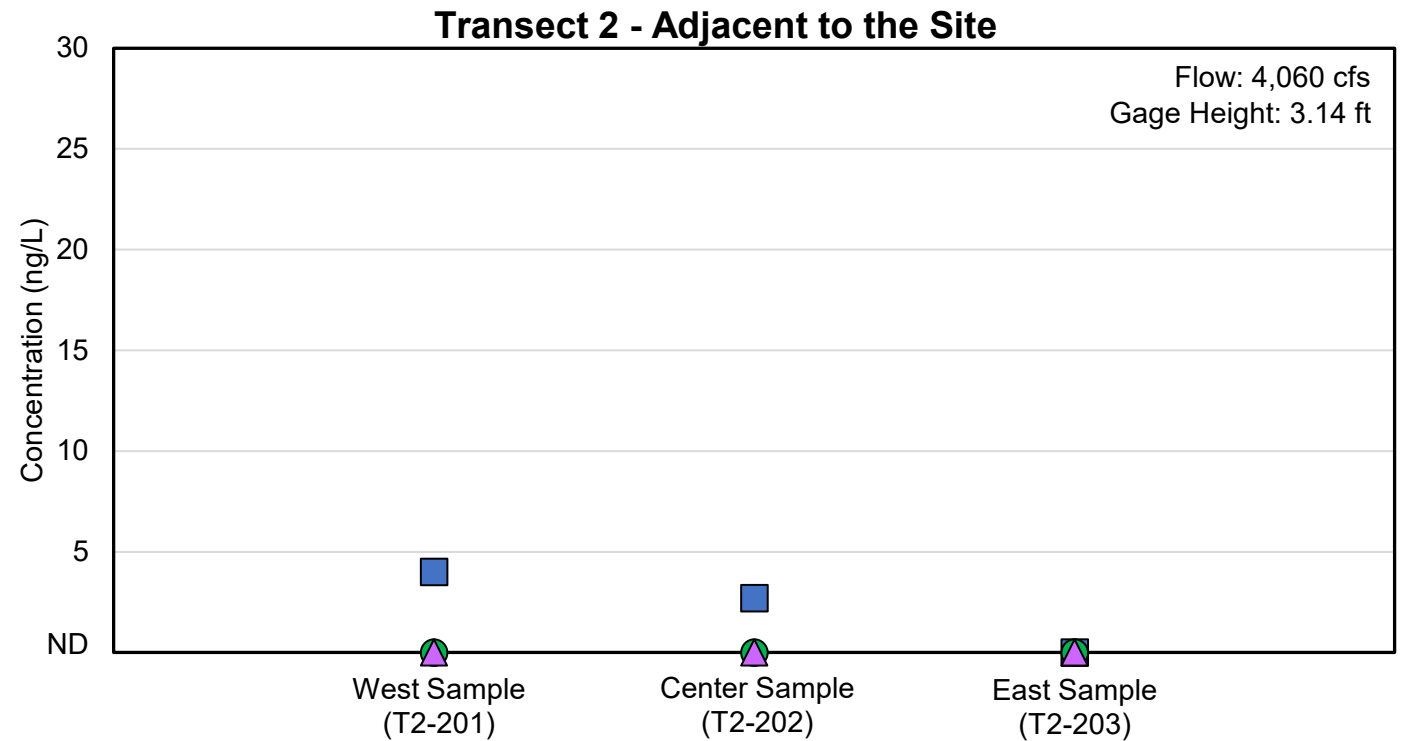
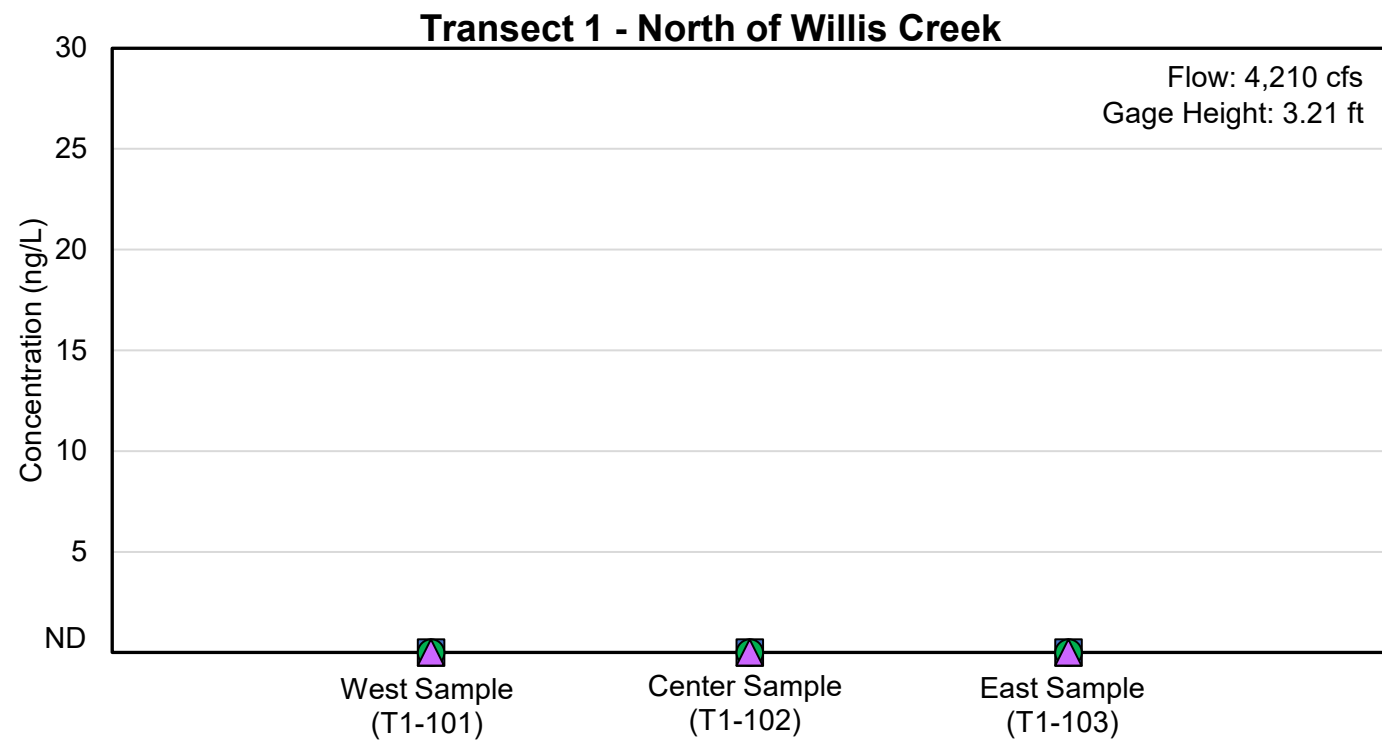
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6F

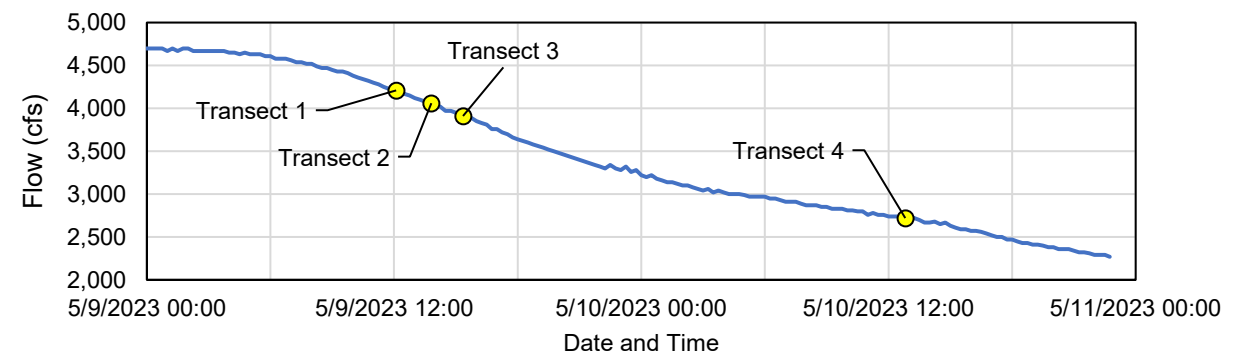


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

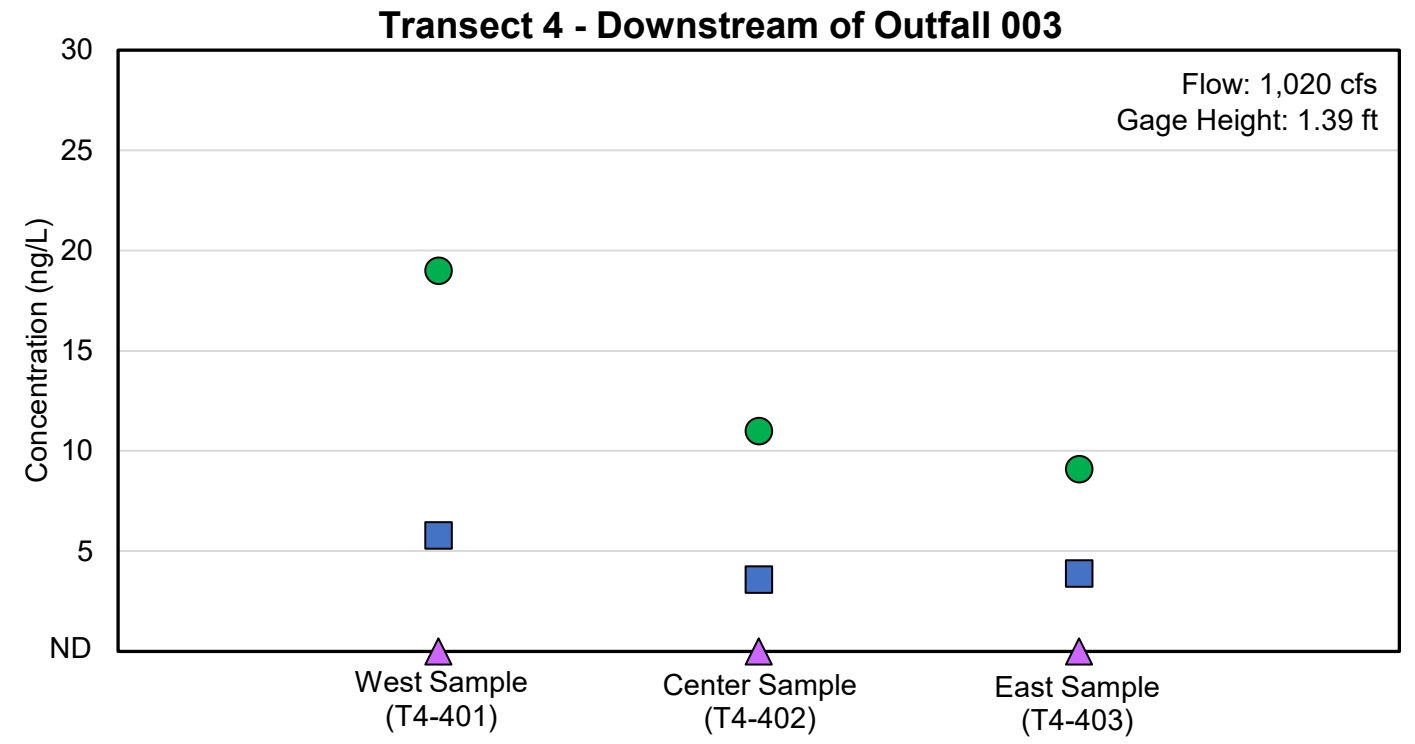
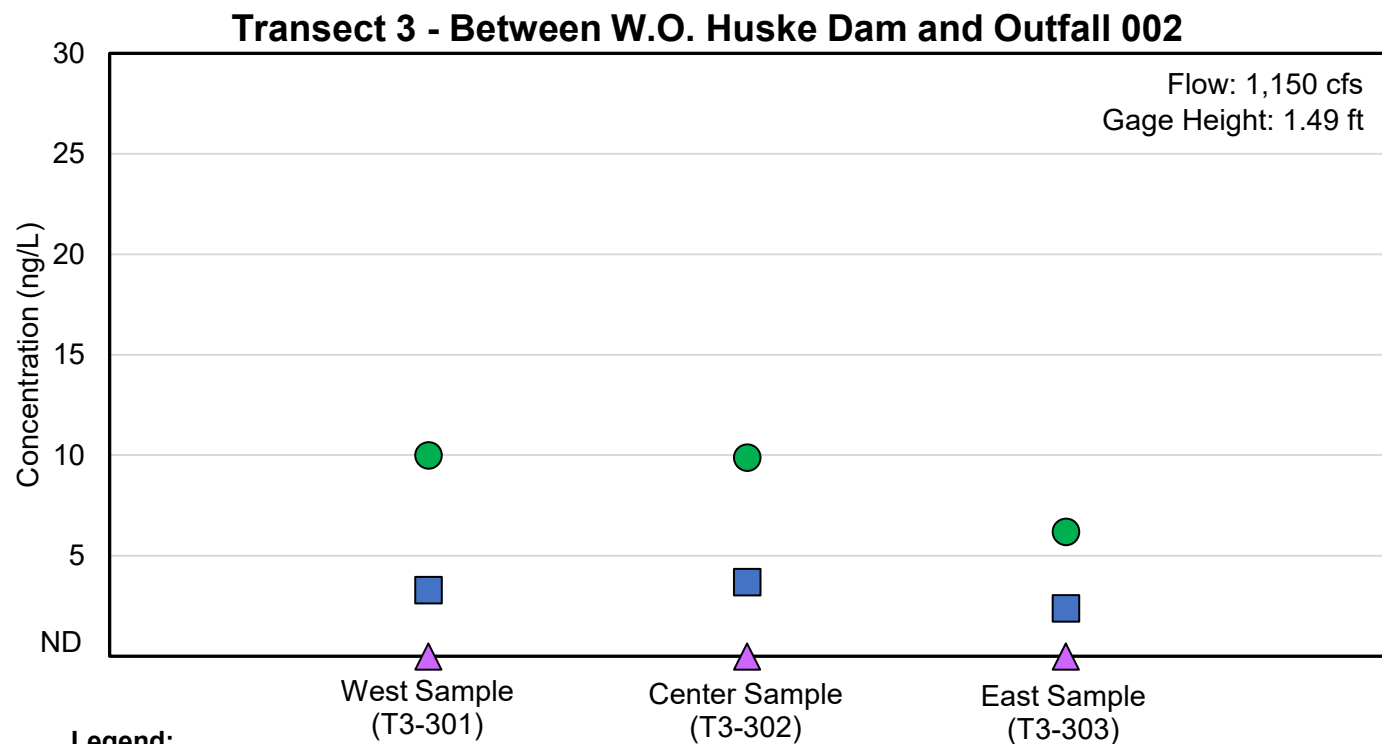
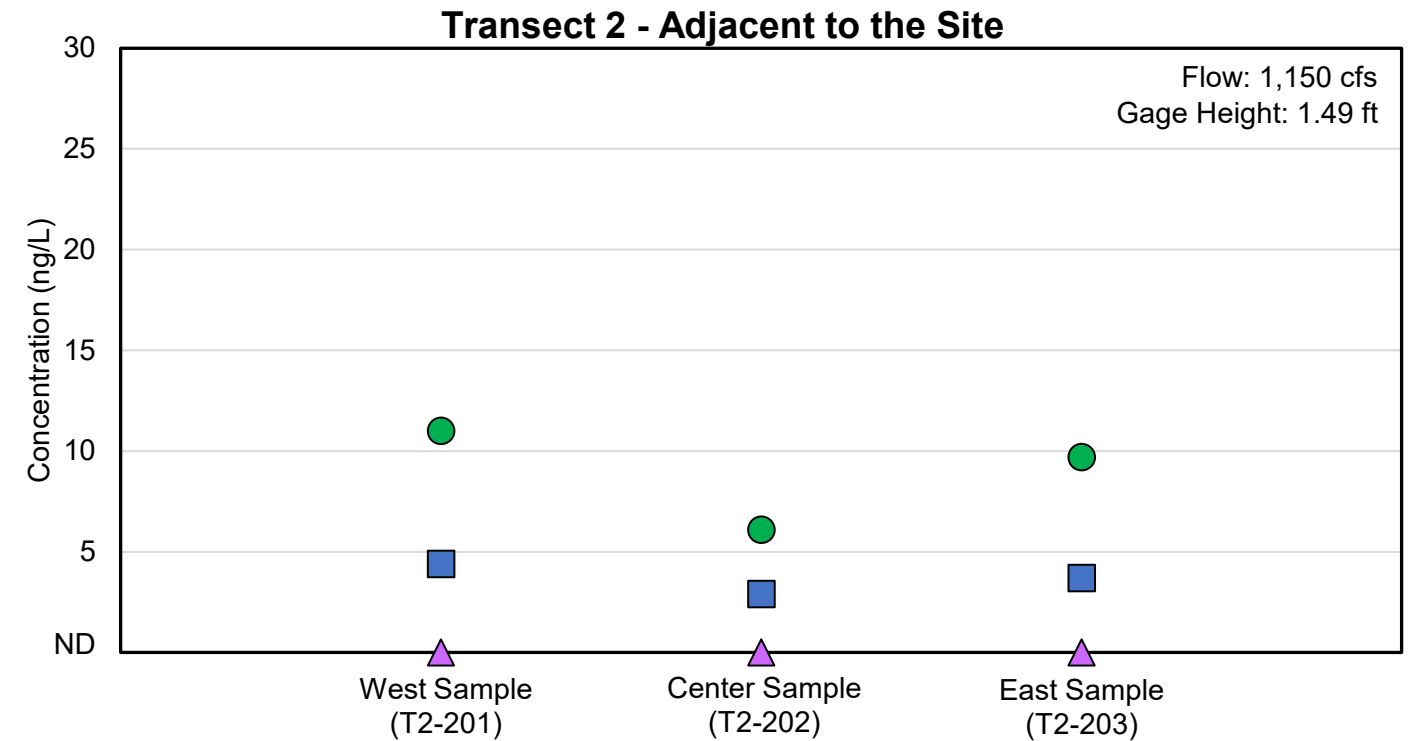
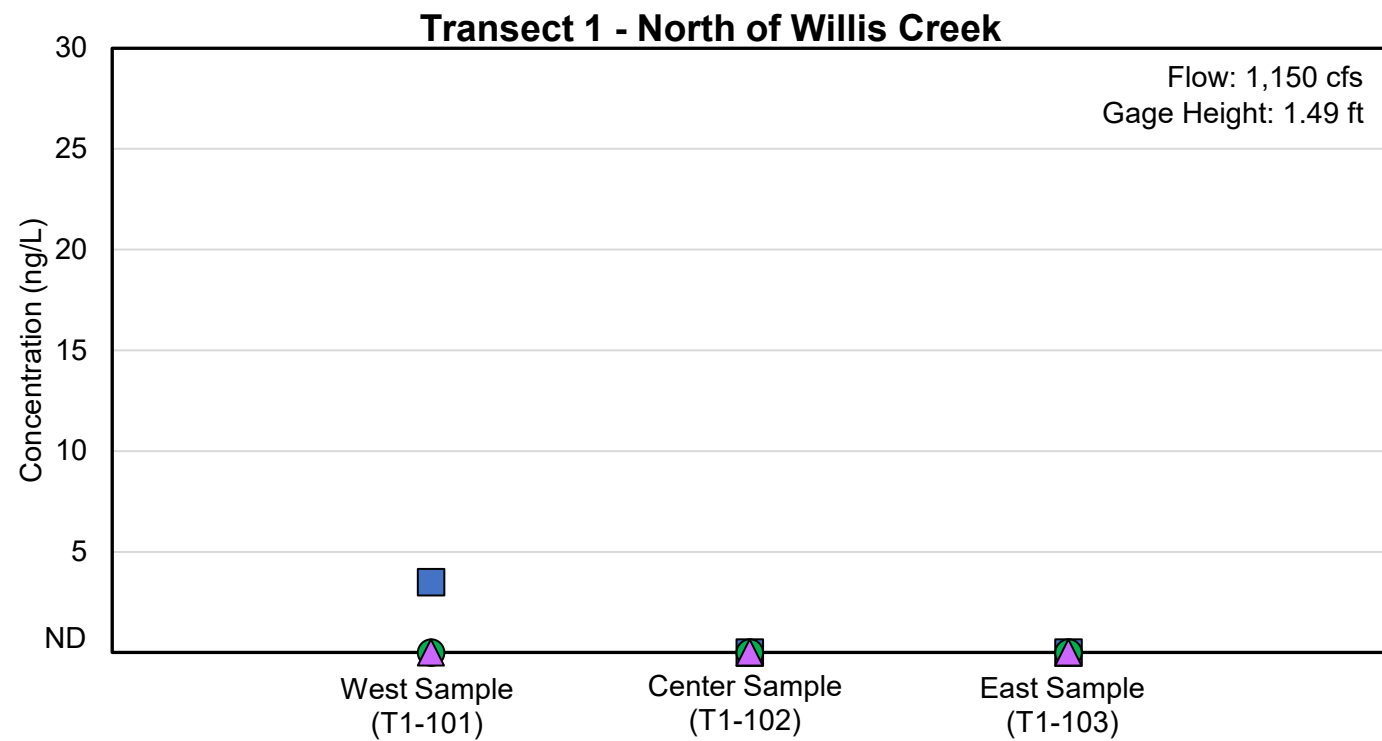
Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (May 2023)	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C-3500 and C-295
Raleigh	December 2023
Figure 6-6G	

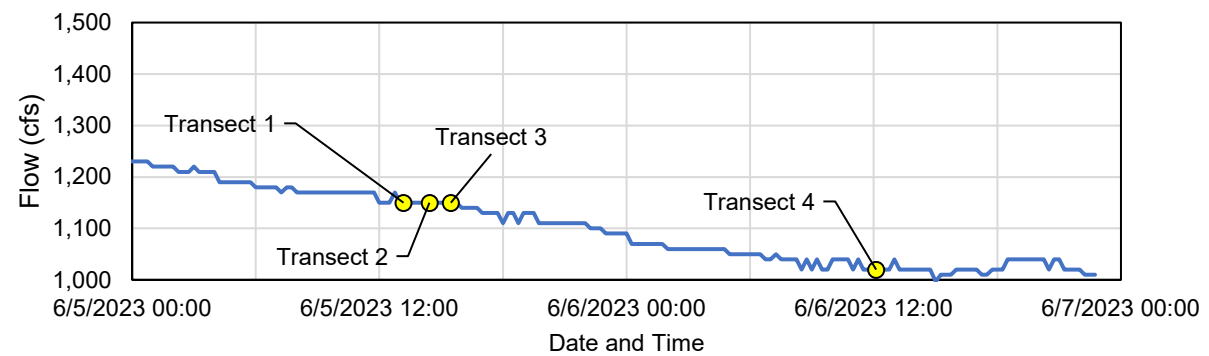


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (June 2023)

Chemours Fayetteville Works, North Carolina

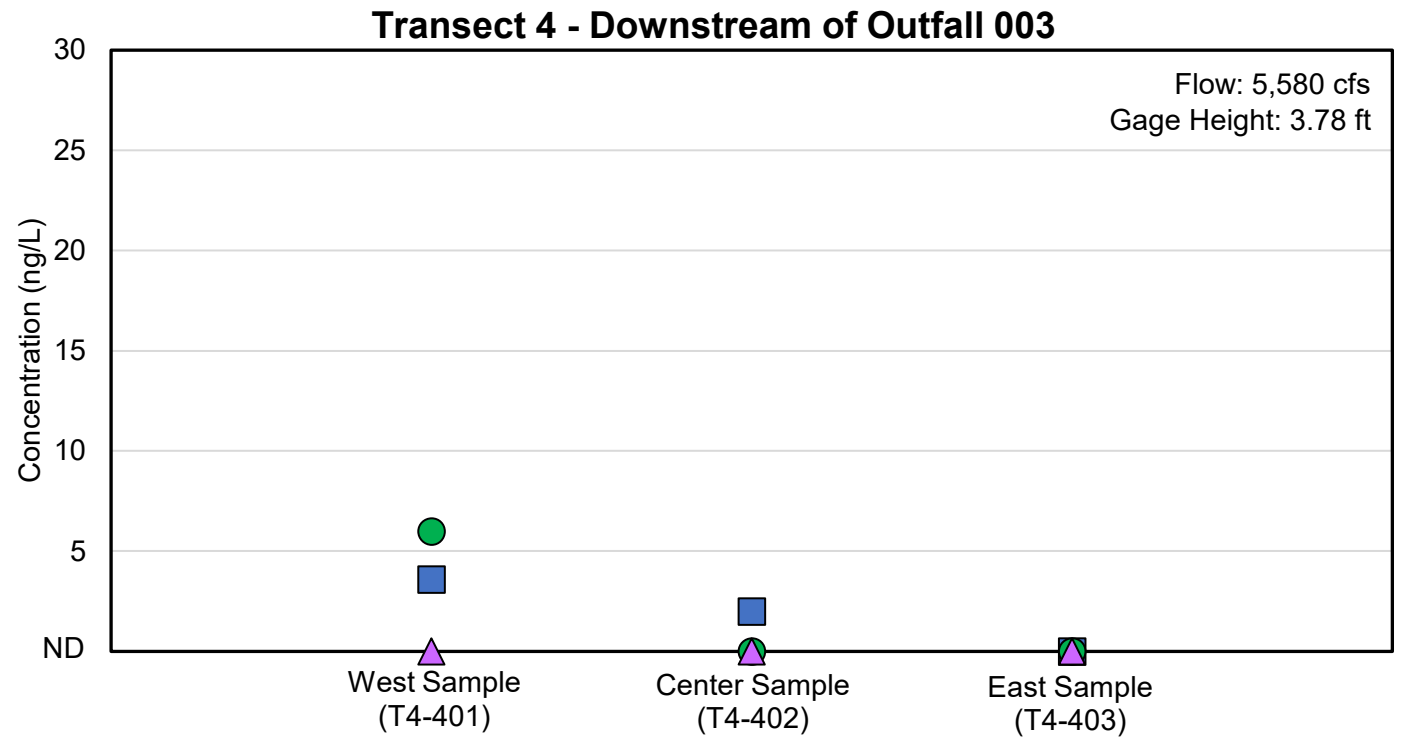
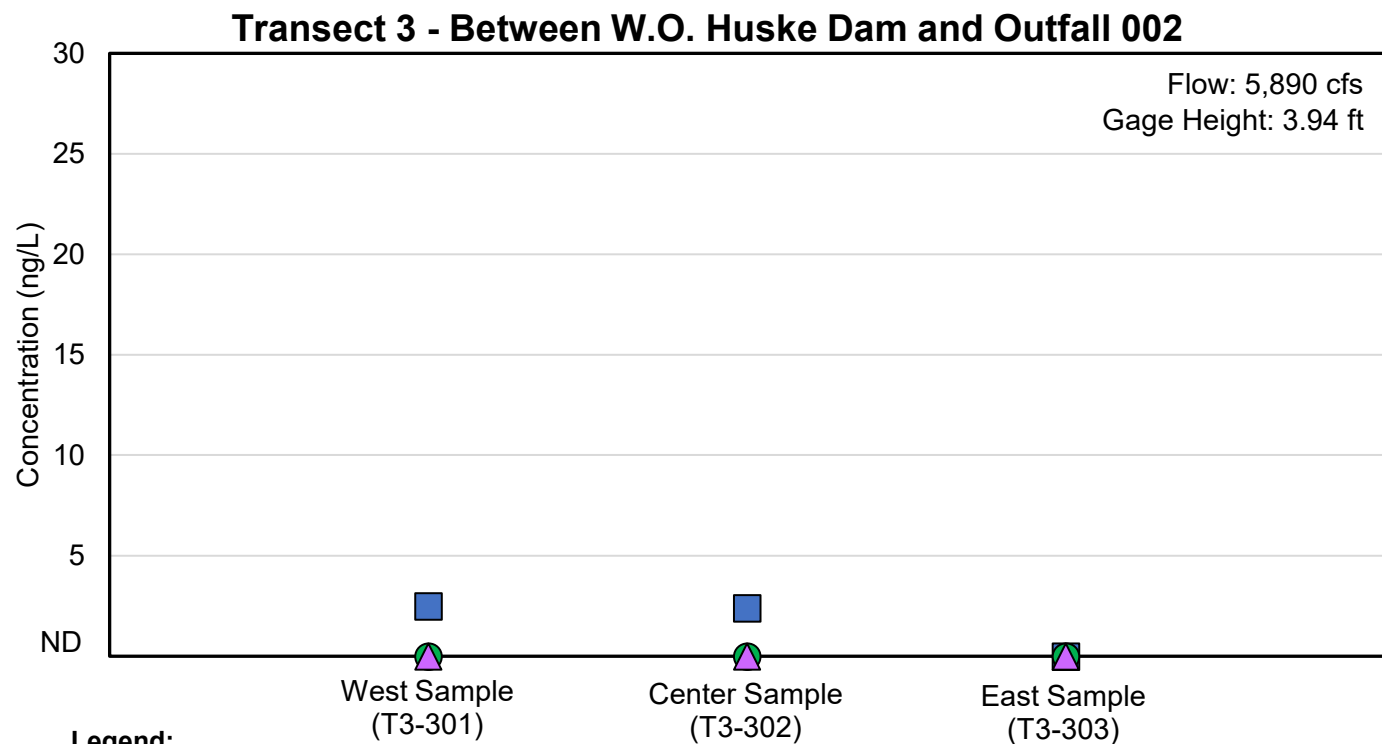
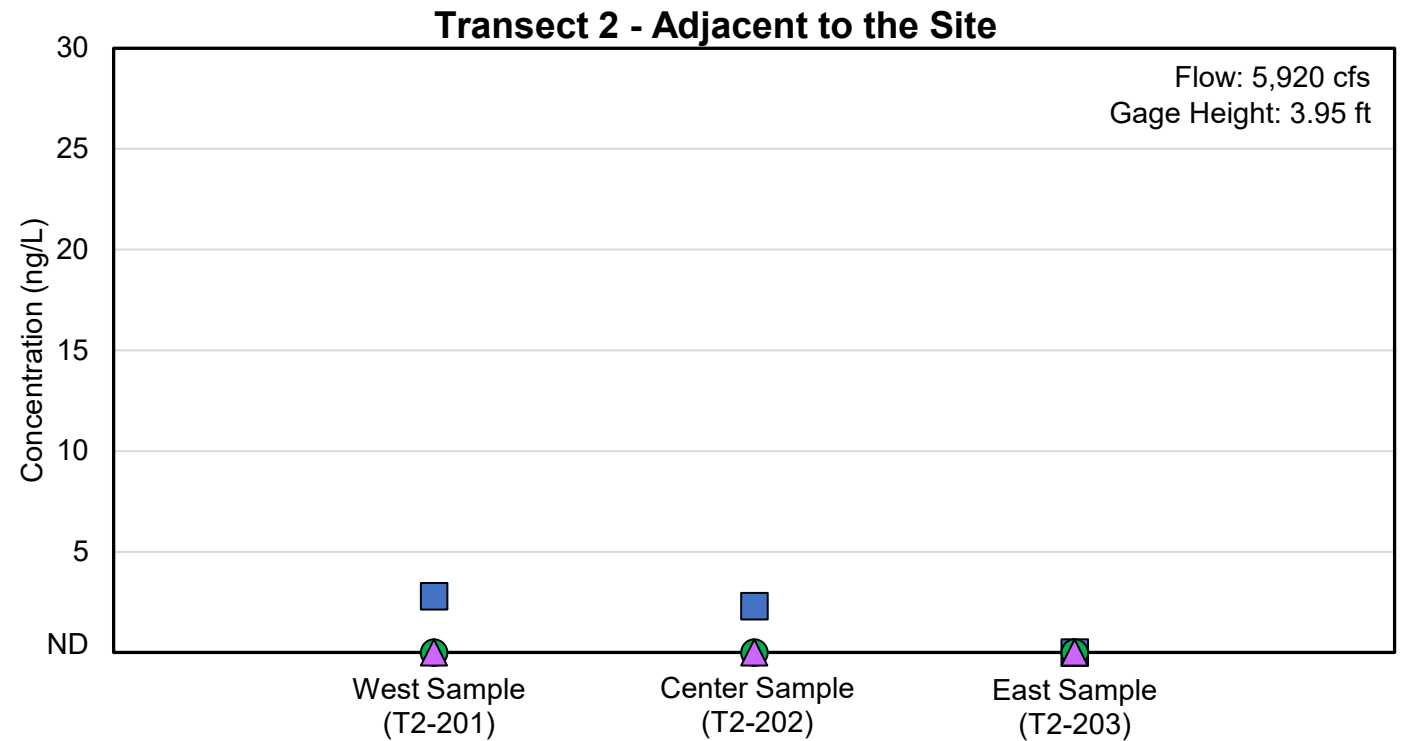
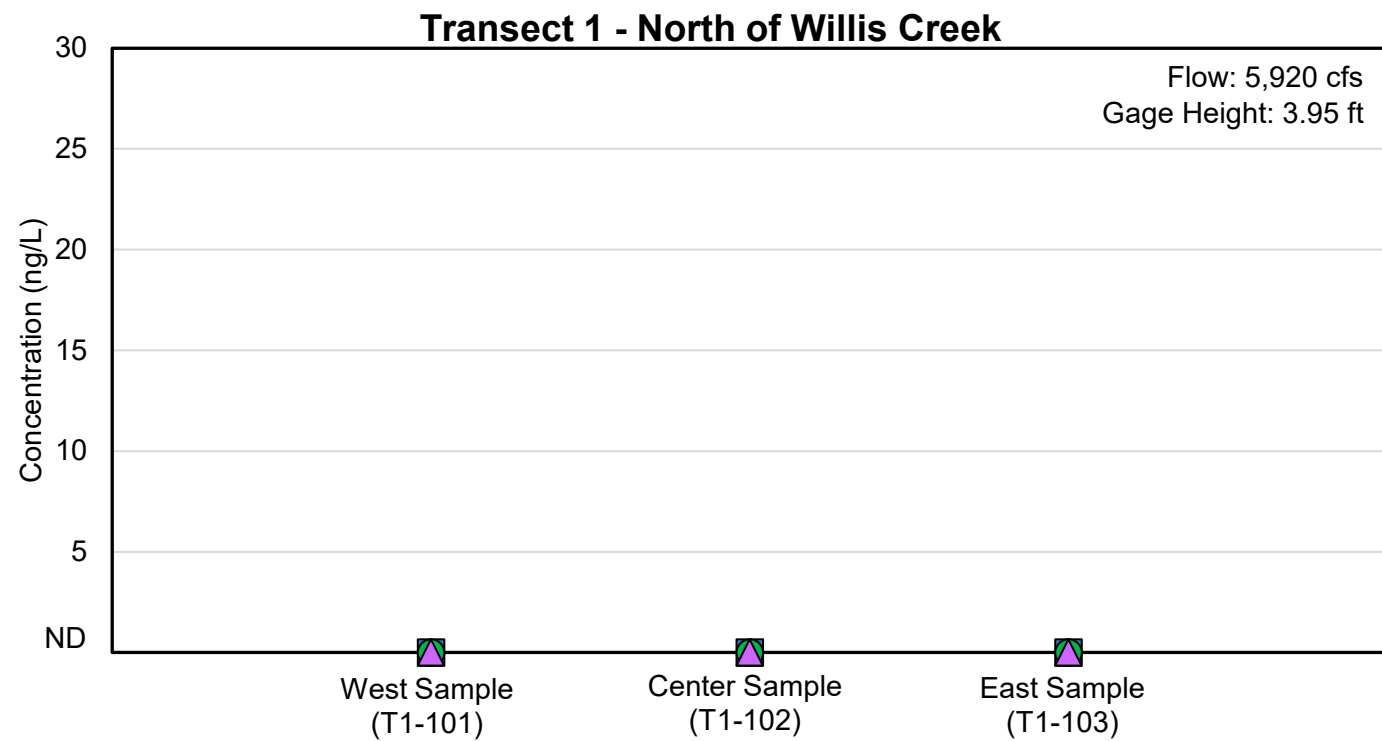
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6H

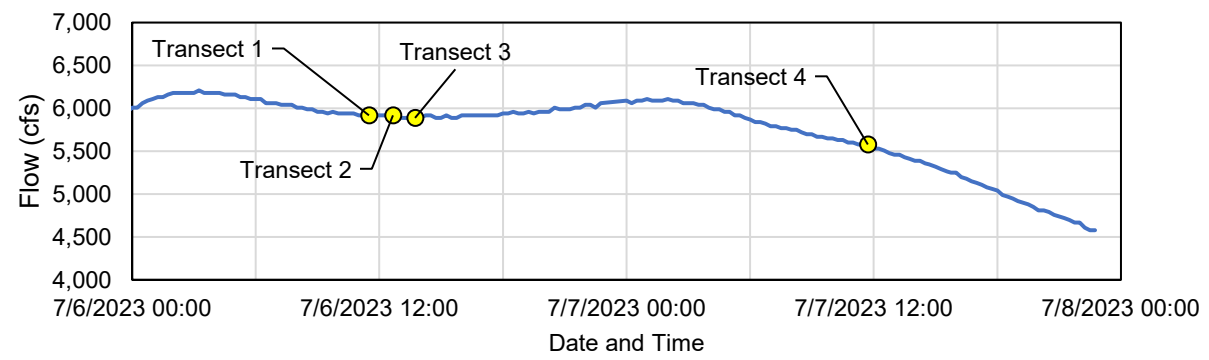


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

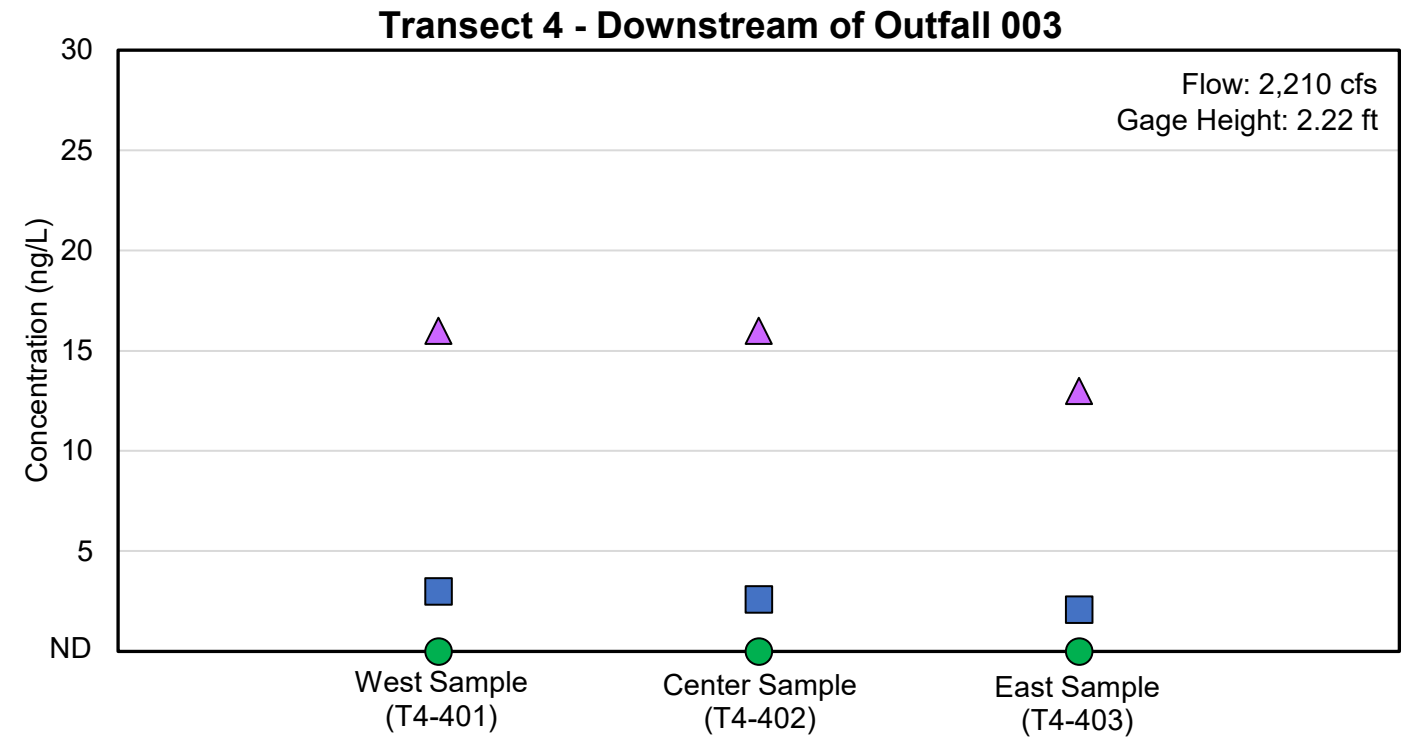
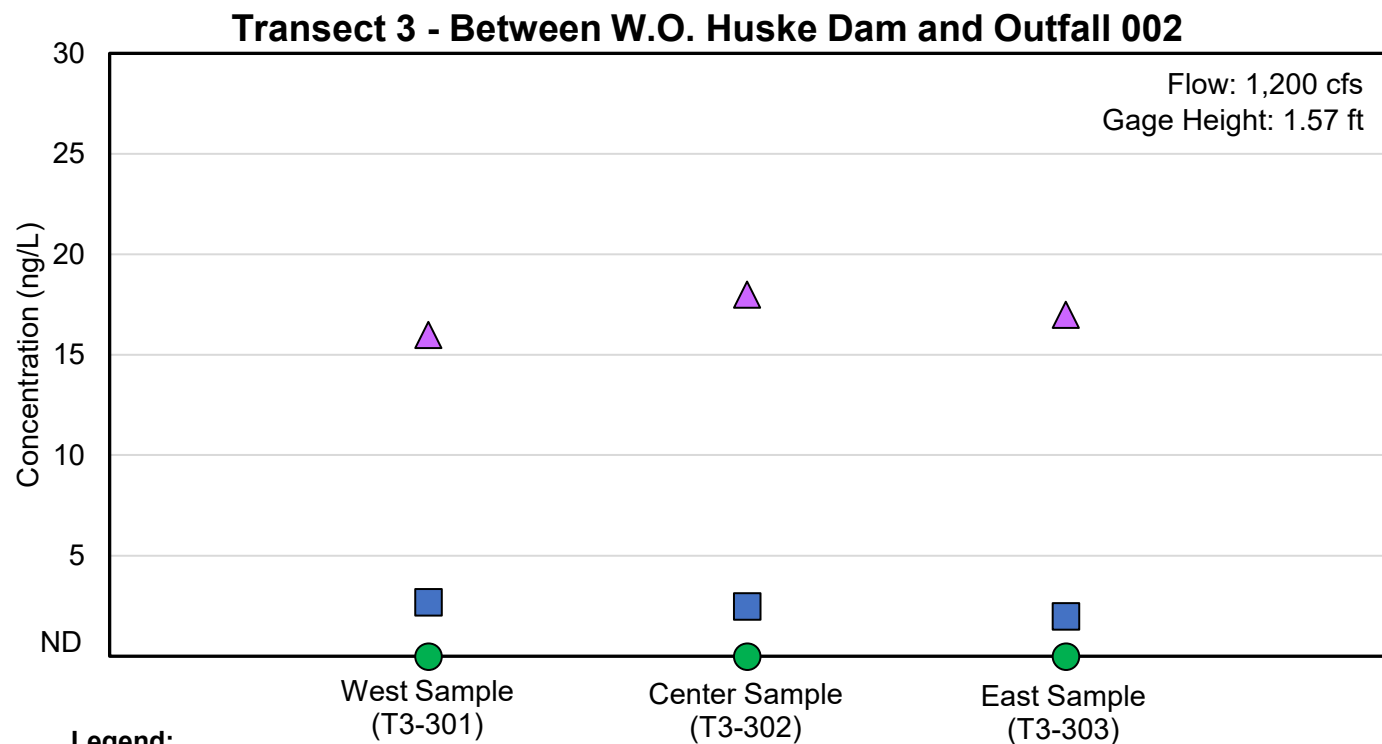
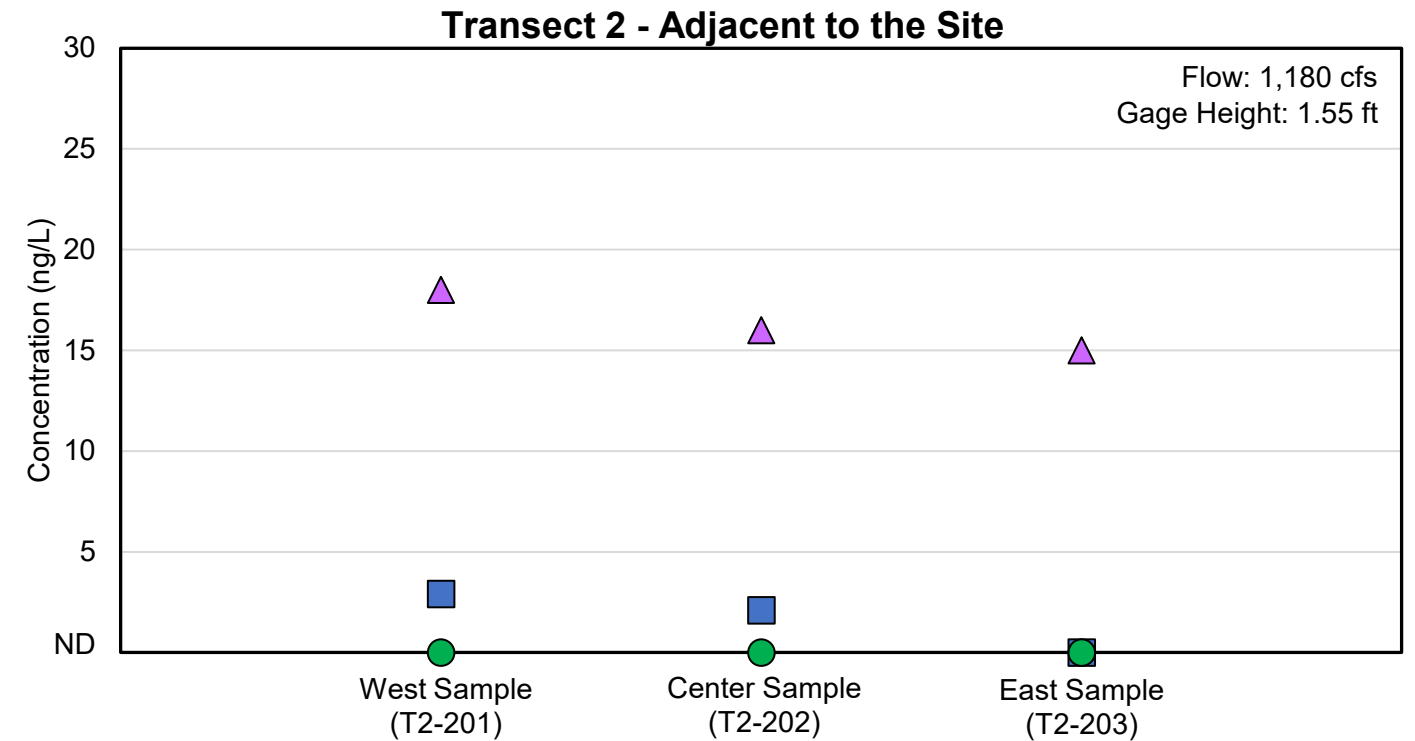
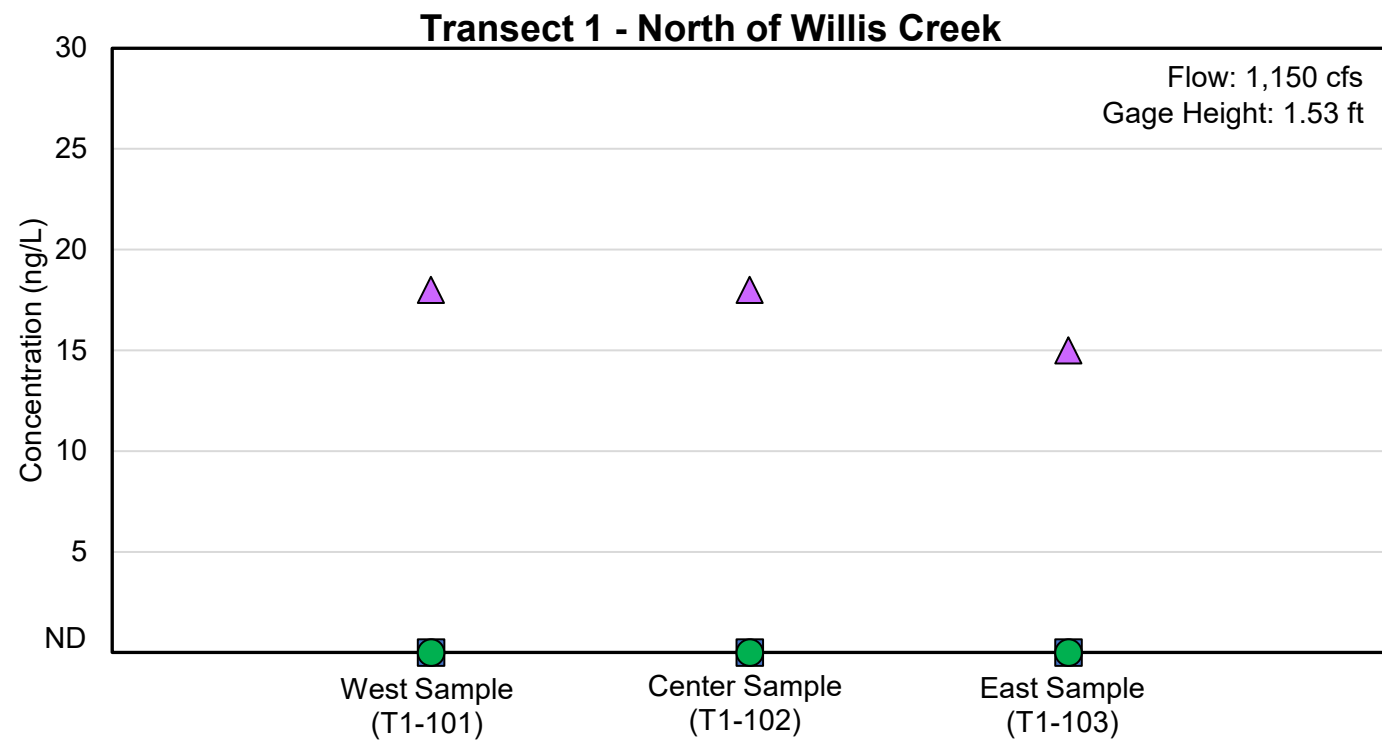
Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
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- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (July 2023)	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C-3500 and C-295
Raleigh	December 2023
Figure 6-61	

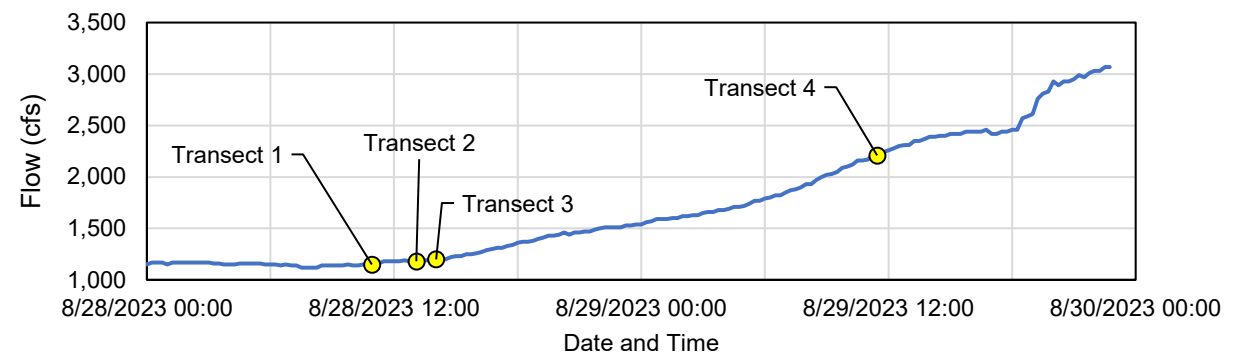


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

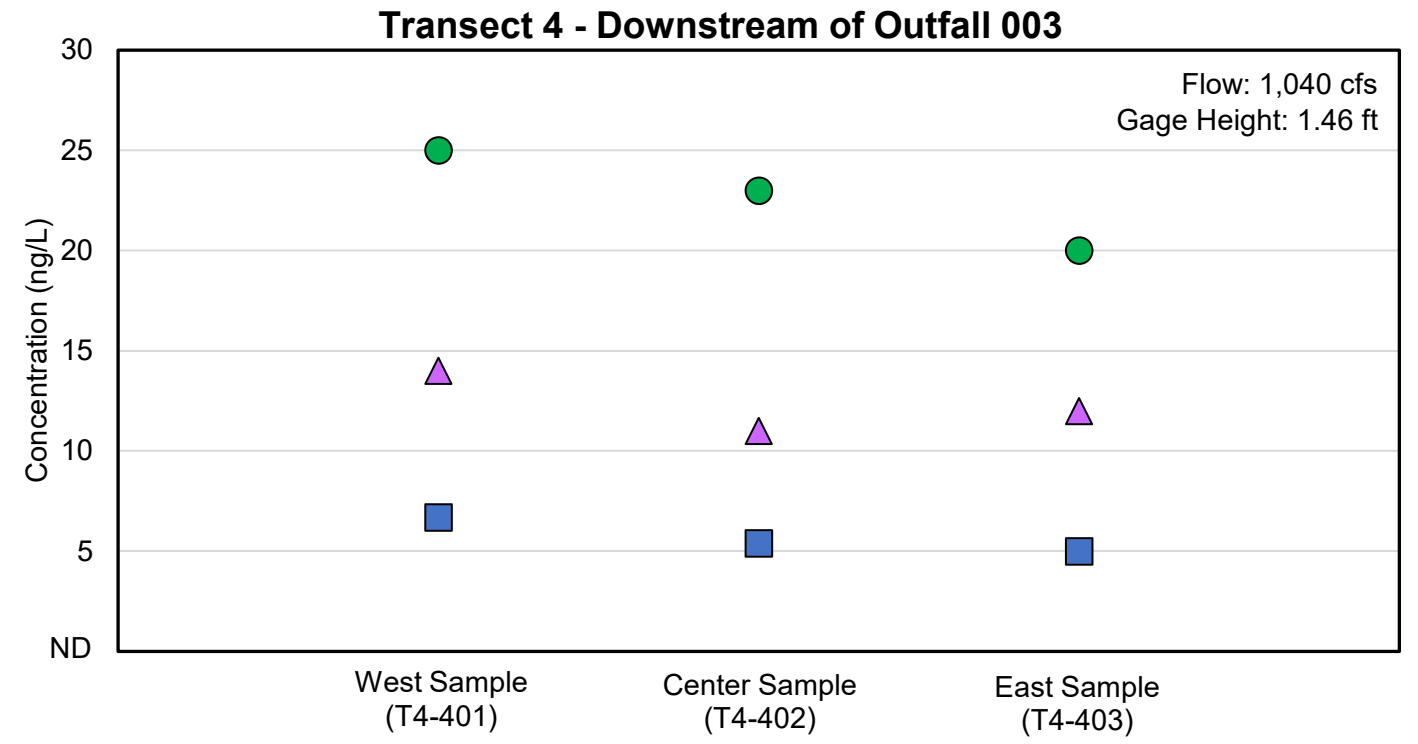
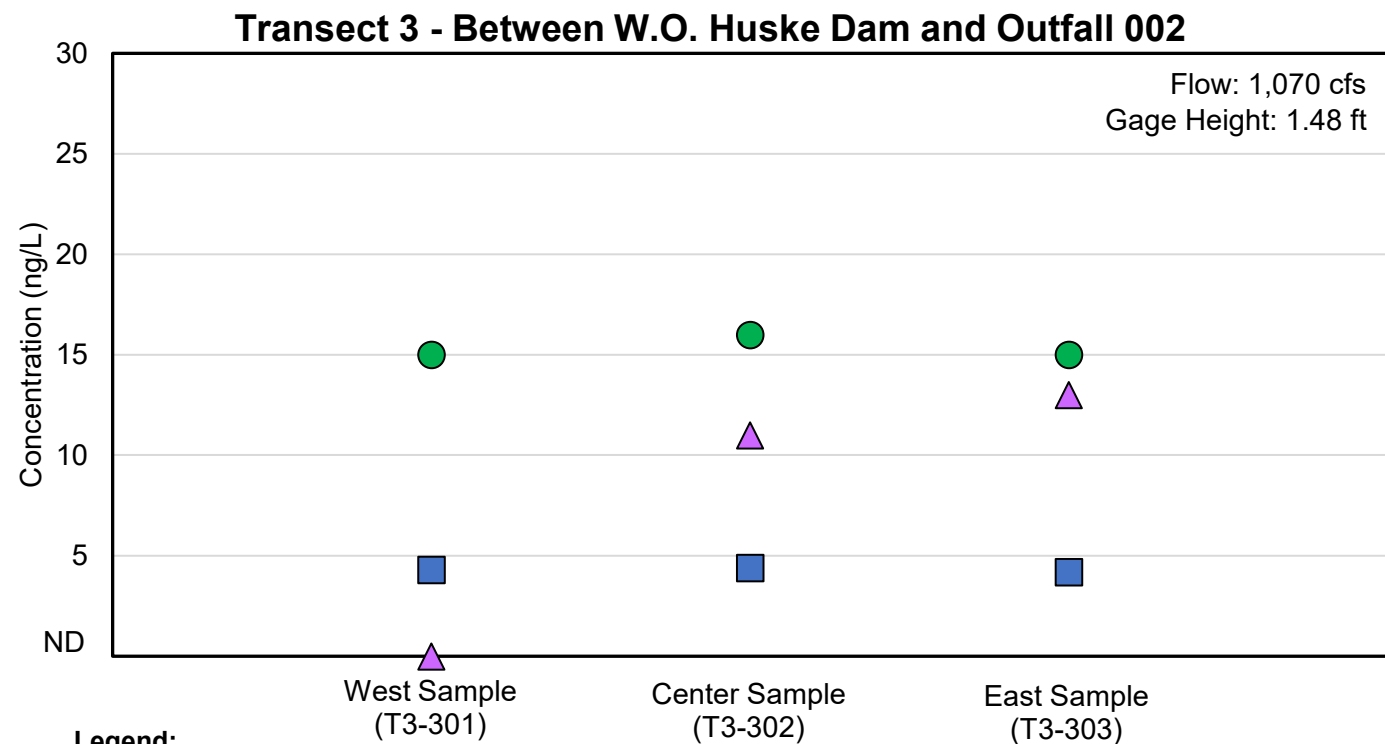
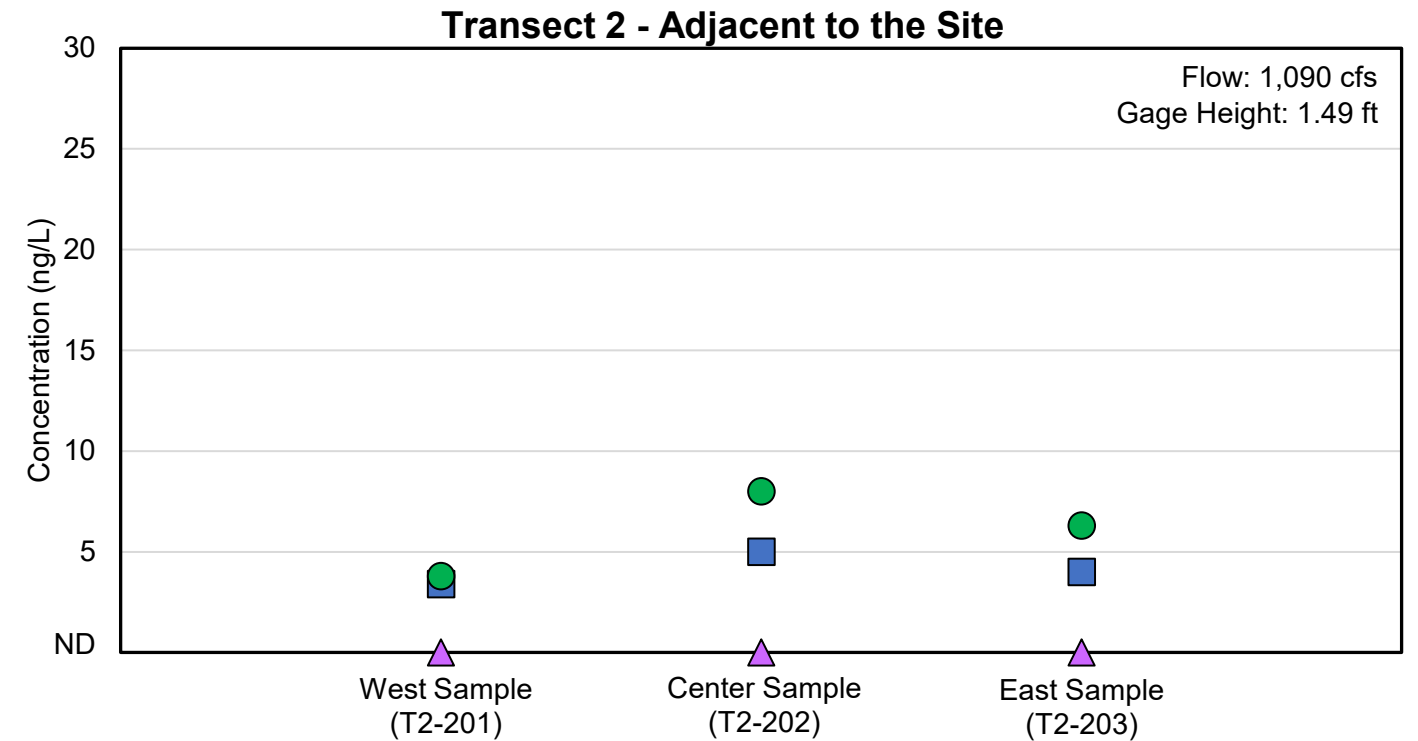
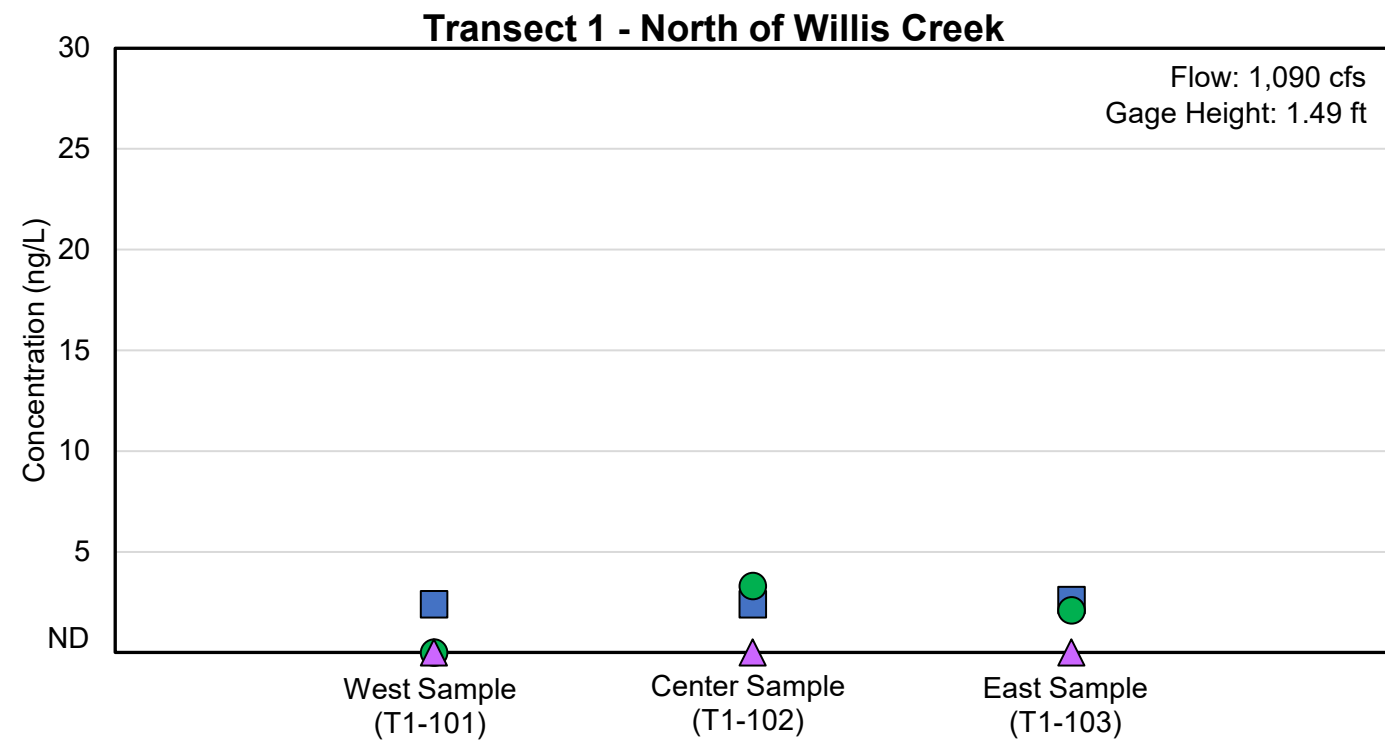
Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0.14 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (August 2023)	
Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C-3500 and C-295</small>
Raleigh	December 2023
Figure 6-6J	

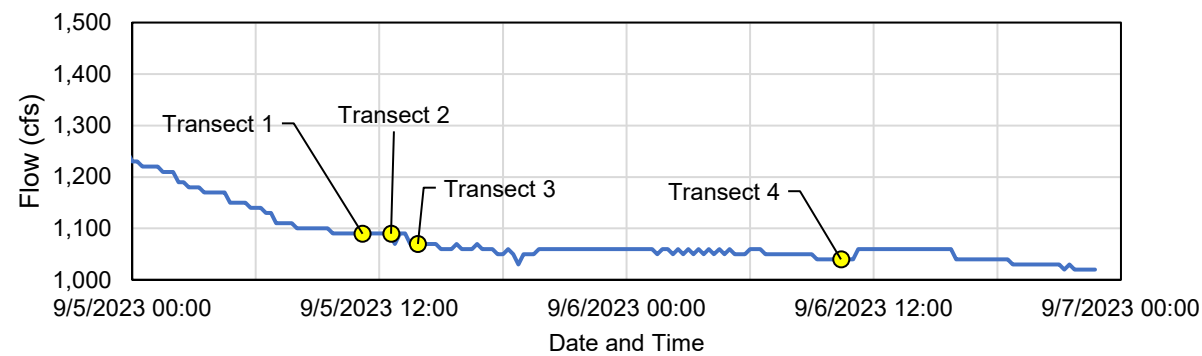


Legend:

- HFPO-DA
- PFMOAA
- ▲ PMPA

Notes:

- cfs - cubic feet per second
- ft - feet
- ND - non-detect (see note 2)
- ng/L - nanograms per liter
- HFPO-DA - Hexafluoropropylene oxide dimer acid
- PFMOAA - Perfluoro-2-methoxyacetic acid
- PMPA - Perfluoro-2-methoxypropionic acid
- 1. All samples along the river transects were collected at the middle depth of the river.
- 2. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.
- 3. Gage height, total precipitation, and flow data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- 4. The gage height and flow posted on each graph corresponds to the sampling date and time that the center sample was collected. The total precipitation represents the total from the start date and time to the end date and time of the sampling event.



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (September 2023)

Chemours Fayetteville Works, North Carolina

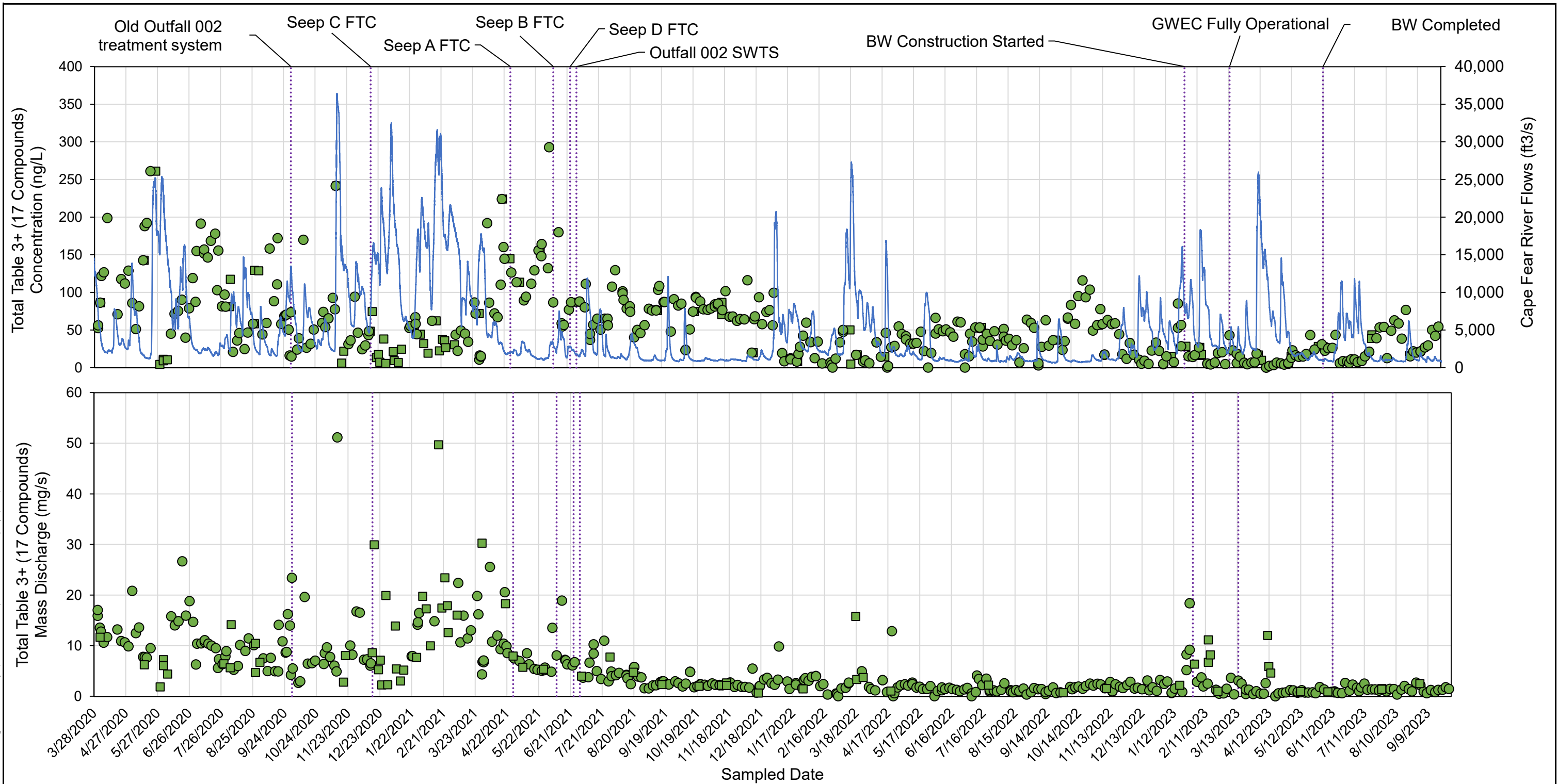
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2023

6-6K



● Composite Sample ■ Grab Sample — Cape Fear River Flow

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

Abbreviations:
 BW - Barrier Wall
 ft³/s - cubic feet per second
 FTC - Flow-through cell
 GWEC - Groundwater extraction and conveyance system
 mg/s - milligrams per second
 ng/L - nanograms per liter
 SWTS - Stormwater treatment system

Total Table 3+ (17 Compounds) Concentrations, Mass Discharge and Daily Flow at Tar Heel Ferry Road Bridge Chemours Fayetteville Works, North Carolina	
Geosyntec consultants	
Raleigh	December 2023
Figure 6-7	

https://geosyntec.sharepoint.com/sites/Chemours/FW/Shared Documents/Mass Loading Model/01 - Quarterly Reports/2023 Q3/Fairhead/Tar Heel Ferry Road 2023_Adam_Graph_Tab060

Appendix A
Laboratory Analytical Data Review
Narratives
(Full lab reports to be uploaded to OneDrive and
EQuIS)



ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Cell Sampling 2023 (select lots) (updated)

Project Reviewer: Michael Aucoin



Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-INFLUENT-RAIN-24-070323	320-102263-1	Surface Water	N	07/03/2023	06:37	FS
SEEP-A-EFFLUENT-RAIN-24-070323	320-102263-2	Surface Water	N	07/03/2023	06:40	FS
SEEP-C-INFLUENT-RAIN-24-070323	320-102263-3	Surface Water	N	07/03/2023	07:02	FS
SEEP-C-EFFLUENT-RAIN-24-070323	320-102263-4	Surface Water	N	07/03/2023	06:57	FS
SEEP-D-INFLUENT-RAIN-24-070323	320-102263-5	Surface Water	N	07/03/2023	07:08	FS
SEEP-D-EFFLUENT-RAIN-24-070323	320-102263-6	Surface Water	N	07/03/2023	07:06	FS
SEEP-B-EFFLUENT-RAIN-24-070323	320-102263-7	Surface Water	N	07/03/2023	06:46	FS
SEEP-B-INFLUENT-RAIN-24-070323	320-102263-8	Surface Water	N	07/03/2023	06:47	FS
SEEP-A-EFFLUENT TSS-071323	320-102534-1	Surface Water	N	07/13/2023	09:32	FS
SEEP-A-INFLUENT TSS-071323	320-102534-2	Surface Water	N	07/13/2023	09:30	FS
SEEP-B-EFFLUENT TSS-071323	320-102534-3	Surface Water	N	07/13/2023	11:05	FS
SEEP-B-INFLUENT TSS-071323	320-102534-4	Surface Water	N	07/13/2023	11:01	FS
SEEP-C-EFFLUENT TSS-071323	320-102534-5	Surface Water	N	07/13/2023	11:40	FS
SEEP-C-INFLUENT TSS-071323	320-102534-6	Surface Water	N	07/13/2023	11:37	FS
SEEP-D-EFFLUENT TSS-071323	320-102534-7	Surface Water	N	07/13/2023	13:05	FS
SEEP-D-INFLUENT TSS-071323	320-102534-8	Surface Water	N	07/13/2023	13:01	FS
SEEP-A-INFLUENT-336-071423	320-102582-1	Surface Water	N	07/14/2023	18:00	FS
SEEP-A-EFFLUENT-336-071423	320-102582-2	Surface Water	N	07/14/2023	18:00	FS
SEEP-B-INFLUENT-216-071423	320-102582-3	Surface Water	N	07/14/2023	18:00	FS
SEEP-B-EFFLUENT-336-071423	320-102582-4	Surface Water	N	07/14/2023	18:00	FS
SEEP-C-INFLUENT-336-071423	320-102582-5	Surface Water	N	07/14/2023	18:00	FS
SEEP-C-EFFLUENT-336-071423	320-102582-6	Surface Water	N	07/14/2023	18:00	FS
SEEP-D-INFLUENT-336-071423	320-102582-7	Surface Water	N	07/14/2023	18:00	FS
SEEP-D-EFFLUENT-336-071423	320-102582-8	Surface Water	N	07/14/2023	18:00	FS
SEEP-A-EFFLUENT-TSS-072723	320-103011-1	Surface Water	N	07/27/2023	9:05	FS



SEEP-A-INFLUENT-TSS-072723	320-103011-2	Surface Water	N	07/27/2023	09:05	FS
SEEP-B-EFFLUENT-TSS-072723	320-103011-3	Surface Water	N	07/27/2023	09:23	FS
SEEP-B-INFLUENT-TSS-072723	320-103011-4	Surface Water	N	07/27/2023	09:23	FS
SEEP-C-EFFLUENT-TSS-072723	320-103011-5	Surface Water	N	07/27/2023	09:32	FS
SEEP-C-INFLUENT-TSS-072723	320-103011-6	Surface Water	N	07/27/2023	09:32	FS
SEEP-D-EFFLUENT-TSS-072723	320-103011-7	Surface Water	N	07/27/2023	09:43	FS
SEEP-D-INFLUENT-TSS-072723	320-103011-8	Surface Water	N	07/27/2023	09:43	FS
SEEP-D-INFLUENT-336-073123	320-103111-1	Surface Water	N	07/31/2023	18:00	FS
SEEP-EB-073123	320-103111-2	Blank Water	N	07/31/2023	18:00	EB
SEEP-FB-073123	320-103111-3	Blank Water	N	07/31/2023	18:00	FB
SEEP-A-INFLUENT-336-073123	320-103153-1	Surface Water	N	07/31/2023	18:00	FS
SEEP-A-INFLUENT-336-073123-D	320-103153-2	Surface Water	N	07/31/2023	18:00	DUP
SEEP-A-EFFLUENT-336-073123	320-103153-3	Surface Water	N	07/31/2023	18:00	FS
SEEP-B-INFLUENT-336-073123	320-103153-4	Surface Water	N	07/31/2023	18:00	FS
SEEP-B-EFFLUENT-336-073123	320-103153-5	Surface Water	N	07/31/2023	18:00	FS
SEEP-C-INFLUENT-336-073123	320-103153-6	Surface Water	N	07/31/2023	18:00	FS
SEEP-C-EFFLUENT-336-073123	320-103153-7	Surface Water	N	07/31/2023	18:00	FS
SEEP-D-EFFLUENT-336-073123	320-103153-8	Surface Water	N	07/31/2023	18:00	FS
SEEP-A-INFLUENT-RAIN-24-080523	320-103382-1	Surface Water	N	08/05/2023	06:12	FS
SEEP-A-EFFLUENT-RAIN-24-080523	320-103382-2	Surface Water	N	08/05/2023	06:15	FS
SEEP-C-INFLUENT-RAIN-24-080523	320-103382-3	Surface Water	N	08/05/2023	06:16	FS
SEEP-C-EFFLUENT-RAIN-24-080523	320-103382-4	Surface Water	N	08/05/2023	06:06	FS
SEEP-D-INFLUENT-RAIN-24-080523	320-103382-5	Surface Water	N	08/05/2023	06:15	FS
SEEP-B-EFFLUENT-RAIN-24-080523	320-103382-7	Surface Water	N	08/05/2023	06:12	FS
SEEP-B-INFLUENT-RAIN-24-080523	320-103382-8	Surface Water	N	08/05/2023	06:15	FS
SEEP-A-INFLUENT-336-081423	320-103831-1	Surface Water	N	08/14/2023	18:00	FS
SEEP-A-EFFLUENT-150-081423	320-103831-2	Surface Water	N	08/14/2023	18:00	FS



SEEP-B-INFLUENT-336-081423	320-103831-3	Surface Water	N	08/14/2023	18:00	FS
SEEP-B-EFFLUENT-336-081423	320-103831-4	Surface Water	N	08/14/2023	18:00	FS
SEEP-C-INFLUENT-336-081423	320-103831-5	Surface Water	N	08/14/2023	18:00	FS
SEEP-C-EFFLUENT-336-081423	320-103831-6	Surface Water	N	08/14/2023	18:00	FS
SEEP-D-INFLUENT-336-081423	320-103831-7	Surface Water	N	08/14/2023	18:00	FS
SEEP-D-EFFLUENT-336-081423	320-103831-8	Surface Water	N	08/14/2023	18:00	FS
SEEP-A-EFFLUENT-TSS-081423	320-103832-1	Surface Water	N	08/14/2023	11:38	FS
SEEP-A-INFLUENT-TSS-081423	320-103832-2	Surface Water	N	08/14/2023	11:36	FS
SEEP-B-EFFLUENT-TSS-081423	320-103832-3	Surface Water	N	08/14/2023	10:40	FS
SEEP-B-INFLUENT-TSS-081423	320-103832-4	Surface Water	N	08/14/2023	10:38	FS
SEEP-C-EFFLUENT-TSS-081423	320-103832-5	Surface Water	N	08/14/2023	10:57	FS
SEEP-C-INFLUENT-TSS-081423	320-103832-6	Surface Water	N	08/14/2023	10:55	FS
SEEP-D-EFFLUENT-TSS-081423	320-103832-7	Surface Water	N	08/14/2023	11:10	FS
SEEP-D-INFLUENT-TSS-081423	320-103832-8	Surface Water	N	08/14/2023	11:08	FS
SEEP-A-EFFLUENT-TSS-083023	320-104508-1	Surface Water	N	08/30/2023	08:25	FS
SEEP-A-INFLUENT-TSS-083023	320-104508-2	Surface Water	N	08/30/2023	08:20	FS
SEEP-B-EFFLUENT-TSS-083023	320-104508-3	Surface Water	N	08/30/2023	09:20	FS
SEEP-B-INFLUENT-TSS-083023	320-104508-4	Surface Water	N	08/30/2023	09:25	FS
SEEP-C-EFFLUENT-TSS-083023	320-104508-5	Surface Water	N	08/30/2023	11:45	FS
SEEP-C-INFLUENT-TSS-083023	320-104508-6	Surface Water	N	08/30/2023	11:40	FS
SEEP-D-EFFLUENT-TSS-083023	320-104508-7	Surface Water	N	08/30/2023	12:00	FS
SEEP-D-INFLUENT-TSS-083023	320-104508-8	Surface Water	N	08/30/2023	12:05	FS
SEEP-A-INFLUENT-324-083023	320-104562-1	Surface Water	N	08/30/2023	06:00	FS
SEEP-FB-083023	320-104562-10	Blank Water	N	08/30/2023	12:00	FB
SEEP-EB-083023	320-104562-11	Blank Water	N	08/31/2023	09:30	EB
SEEP-A-EFFLUENT-324-083023	320-104562-2	Surface Water	N	08/30/2023	06:00	FS
SEEP-A-EFFLUENT-324-083023-D	320-104562-3	Surface Water	N	08/30/2023	06:00	DUP



SEEP-C-INFLUENT-324-083023	320-104562-4	Surface Water	N	08/30/2023	06:00	FS
SEEP-C-EFFLUENT-324-083023	320-104562-5	Surface Water	N	08/30/2023	06:00	FS
SEEP-D-INFLUENT-324-083023	320-104562-6	Surface Water	N	08/30/2023	06:00	FS
SEEP-D-EFFLUENT-324-083023	320-104562-7	Surface Water	N	08/30/2023	06:00	FS
SEEP-B-EFFLUENT-324-083023	320-104562-8	Surface Water	N	08/30/2023	06:00	FS
SEEP-B-INFLUENT-324-083023	320-104562-9	Surface Water	N	08/30/2023	06:00	FS
SEEP-D-INFLUENT-RAIN-24-082923	320-104566-1	Surface Water	N	08/29/2023	05:49	FS
SEEP-D-EFFLUENT-RAIN-24-082923	320-104566-2	Surface Water	N	08/29/2023	00:53	FS
SEEP-A-INFLUENT-336-091523	320-105007-1	Surface Water	N	09/15/2023	09:00	FS
SEEP-FB-091523	320-105007-10	Blank Water	N	09/15/2023	09:00	FB
SEEP-EB-091523	320-105007-11	Blank Water	N	09/15/2023	09:05	EB
SEEP-A-EFFLUENT-336-091523	320-105007-2	Surface Water	N	09/15/2023	09:00	FS
SEEP-A-EFFLUENT-336-091523-D	320-105007-3	Surface Water	N	09/15/2023	09:00	DUP
SEEP-C-INFLUENT-336-091523	320-105007-4	Surface Water	N	09/15/2023	09:00	FS
SEEP-C-EFFLUENT-336-091523	320-105007-5	Surface Water	N	09/15/2023	09:00	FS
SEEP-D-INFLUENT-336-091523	320-105007-6	Surface Water	N	09/15/2023	09:00	FS
SEEP-D-EFFLUENT-336-091523	320-105007-7	Surface Water	N	09/15/2023	09:00	FS
SEEP-B-EFFLUENT-336-091523	320-105007-8	Surface Water	N	09/15/2023	09:00	FS
SEEP-B-INFLUENT-336-091523	320-105007-9	Surface Water	N	09/15/2023	09:00	FS
SEEP-A-INFLUENT-TSS-091523	320-105008-1	Surface Water	N	09/15/2023	09:10	FS
SEEP-B-INFLUENT-TSS-091523	320-105008-2	Surface Water	N	09/15/2023	10:05	FS
SEEP-C-INFLUENT-TSS-091523	320-105008-3	Surface Water	N	09/15/2023	10:25	FS
SEEP-D-INFLUENT-TSS-091523	320-105008-4	Surface Water	N	09/15/2023	10:55	FS
SEEP-A-EFFLUENT-TSS-091523	320-105008-5	Surface Water	N	09/15/2023	09:15	FS
SEEP-B-EFFLUENT-TSS-091523	320-105008-6	Surface Water	N	09/15/2023	10:00	FS
SEEP-C-EFFLUENT-TSS-091523	320-105008-7	Surface Water	N	09/15/2023	10:30	FS
SEEP-D-EFFLUENT-TSS-091523	320-105008-8	Surface Water	N	09/15/2023	10:50	FS



SEEP-C-INFLUENT-RAIN-24-091523	320-105010-1	Surface Water	N	09/15/2023	09:37	FS
SEEP-C-EFFLUENT-RAIN-24-091523	320-105010-2	Surface Water	N	09/15/2023	09:41	FS
SEEP-C-INFLUENT-24-091923	320-105068-1	Surface Water	N	09/19/2023	09:00	FS
SEEP-C-EFFLUENT-24-091923	320-105068-2	Surface Water	N	09/19/2023	09:00	FS
SEEP-C-INFLUENT-TSS-091923	320-105069-1	Surface Water	N	09/19/2023	11:25	FS
SEEP-C-EFFLUENT-TSS-091923	320-105069-2	Surface Water	N	09/19/2023	11:30	FS
SEEP-A-INFLUENT-24-092323	320-105429-1	Surface Water	N	09/27/2023	09:37	FS
SEEP-A-EFFLUENT-24-092323	320-105429-2	Surface Water	N	09/27/2023	09:35	FS
SEEP-C-INFLUENT-24-092323	320-105429-3	Surface Water	N	09/27/2023	09:20	FS
SEEP-C-EFFLUENT-24-092323	320-105429-4	Surface Water	N	09/27/2023	09:20	FS
SEEP-D-INFLUENT-24-092323	320-105429-5	Surface Water	N	09/27/2023	10:45	FS
SEEP-D-EFFLUENT-24-092323	320-105429-6	Surface Water	N	09/27/2023	10:45	FS
SEEP-B-EFFLUENT-24-092323	320-105429-7	Surface Water	N	09/27/2023	11:20	FS
SEEP-B-INFLUENT-24-092323	320-105429-8	Surface Water	N	09/27/2023	11:20	FS
SEEP-A-INFLUENT-24-092323	320-105433-1	Surface Water	N	09/23/2023	23:00	FS
SEEP-A-EFFLUENT-24-092323	320-105433-2	Surface Water	N	09/23/2023	23:00	FS
SEEP-C-INFLUENT-24-092323	320-105433-3	Surface Water	N	09/23/2023	23:00	FS
SEEP-C-EFFLUENT-24-092323	320-105433-4	Surface Water	N	09/23/2023	23:00	FS
SEEP-D-INFLUENT-24-092323	320-105433-5	Surface Water	N	09/23/2023	23:00	FS
SEEP-D-EFFLUENT-24-092323	320-105433-6	Surface Water	N	09/23/2023	23:00	FS
SEEP-B-EFFLUENT-24-092323	320-105433-7	Surface Water	N	09/23/2023	23:00	FS
SEEP-B-INFLUENT-24-092323	320-105433-8	Surface Water	N	09/23/2023	23:00	FS

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



Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	Seep Flow Through Cell Sampling 2023
Eurofins Environ Testing Northern Cali	SM 2540 D	Total Suspended Solids	Seep Flow Through Cell Sampling 2023



ADQM Data Review Checklist

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

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

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

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



Data Verification Module (DVM)

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

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt not to exceed 10 C (manual check)

There are two qualifier fields in EIM:

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

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

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

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

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

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

DVM Narrative Report

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code:

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFECA B	0.0027	UG/L	PQL		0.0027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFO4DA	0.0059	ug/L	PQL		0.0059	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFO5DA	0.0078	ug/L	PQL		0.0078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFECA-G	0.0048	UG/L	PQL		0.0048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2023

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-EFFLUENT-336-091523	09/15/2023	320-105007-2	Hfpo Dimer Acid	0.37	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-081423	08/14/2023	320-103831-7	PFO3OA	0.042	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-EFFLUENT-324-083023	08/30/2023	320-104562-2	R-PSDA	0.030	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023	08/30/2023	320-104562-2	Hydrolyzed PSDA	0.22	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023	08/30/2023	320-104562-2	R-EVE	0.027	UG/L	PQL		0.0072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023	08/30/2023	320-104562-2	PEPA	0.28	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023	08/30/2023	320-104562-2	PFO4DA	0.026	ug/L	PQL		0.0059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023-D	08/30/2023	320-104562-3	R-PSDA	0.022	UG/L	PQL		0.0035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023-D	08/30/2023	320-104562-3	Hydrolyzed PSDA	0.15	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023-D	08/30/2023	320-104562-3	R-EVE	0.017	UG/L	PQL		0.0036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023-D	08/30/2023	320-104562-3	PEPA	0.20	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-324-083023-D	08/30/2023	320-104562-3	PFO4DA	0.016	ug/L	PQL		0.0030	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123	07/31/2023	320-103153-1	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123-D	07/31/2023	320-103153-2	R-EVE	0.39	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between LCS and LCSD samples. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	R-PSDA	0.54	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	Hydrolyzed PSDA	1.5	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	R-EVE	0.24	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	PFO5DA	0.87	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	PFMOAA	12	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	Hydro-PS Acid	0.27	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-091523	09/15/2023	320-105007-1	Hydro-EVE Acid	0.22	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	R-PSDA	0.33	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	Hydrolyzed PSDA	1.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	PFO5DA	0.078	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	PFMOAA	5.7	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	Hydro-PS Acid	0.10	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-091523	09/15/2023	320-105007-9	Hydro-EVE Acid	0.11	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-091923	09/19/2023	320-105068-1	PFMOAA	6.6	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-091923	09/19/2023	320-105068-1	Hydro-PS Acid	0.094	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-091923	09/19/2023	320-105068-1	Hydro-EVE Acid	0.20	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	R-PSDA	0.18	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	Hydrolyzed PSDA	0.052	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	R-EVE	0.22	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	PFMOAA	9.3	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	Hydro-PS Acid	0.15	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-091523	09/15/2023	320-105007-4	Hydro-EVE Acid	0.38	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between LCS and LCSD samples. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	R-PSDA	0.15	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	Hydrolyzed PSDA	0.043	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	R-EVE	0.14	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	PFMOAA	9.5	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	Hydro-PS Acid	0.15	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-091523	09/15/2023	320-105010-1	Hydro-EVE Acid	0.38	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	Hydrolyzed PSDA	0.70	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	R-EVE	0.28	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	PFMOAA	19	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	Hydro-PS Acid	0.13	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-091523	09/15/2023	320-105007-6	Hydro-EVE Acid	0.35	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-EFFLUENT-150-081423	08/14/2023	320-103831-2	R-PSDA	0.025	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-150-081423	08/14/2023	320-103831-2	Hydrolyzed PSDA	0.10	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-150-081423	08/14/2023	320-103831-2	R-EVE	0.0025	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-24-092323	09/23/2023	320-105433-2	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071423	07/14/2023	320-102582-2	R-PSDA	0.0025	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071423	07/14/2023	320-102582-2	Hydrolyzed PSDA	0.024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-073123	07/31/2023	320-103153-3	Hydrolyzed PSDA	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523	09/15/2023	320-105007-2	R-PSDA	0.015	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523	09/15/2023	320-105007-2	Hydrolyzed PSDA	0.096	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523	09/15/2023	320-105007-2	R-EVE	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523-D	09/15/2023	320-105007-3	R-PSDA	0.016	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523-D	09/15/2023	320-105007-3	Hydrolyzed PSDA	0.10	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-091523-D	09/15/2023	320-105007-3	R-EVE	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-2	Hydrolyzed PSDA	0.015	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-2	R-PSDA	0.0026	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-2	Hydrolyzed PSDA	0.032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-092323	09/23/2023	320-105433-1	R-PSDA	0.57	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-092323	09/23/2023	320-105433-1	Hydrolyzed PSDA	2.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-092323	09/23/2023	320-105433-1	R-EVE	0.32	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-324-083023	08/30/2023	320-104562-1	R-PSDA	0.69	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-324-083023	08/30/2023	320-104562-1	Hydrolyzed PSDA	3.6	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-324-083023	08/30/2023	320-104562-1	R-EVE	0.38	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-071423	07/14/2023	320-102582-1	R-PSDA	0.79	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-336-071423	07/14/2023	320-102582-1	Hydrolyzed PSDA	3.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-071423	07/14/2023	320-102582-1	R-EVE	0.35	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123	07/31/2023	320-103153-1	R-PSDA	0.71	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123	07/31/2023	320-103153-1	Hydrolyzed PSDA	2.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123-D	07/31/2023	320-103153-2	R-PSDA	0.77	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-073123-D	07/31/2023	320-103153-2	Hydrolyzed PSDA	2.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081423	08/14/2023	320-103831-1	R-PSDA	0.71	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081423	08/14/2023	320-103831-1	Hydrolyzed PSDA	4.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081423	08/14/2023	320-103831-1	R-EVE	0.23	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-1	R-PSDA	0.76	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-1	Hydrolyzed PSDA	4.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-1	R-EVE	0.36	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-1	R-PSDA	0.75	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-1	Hydrolyzed PSDA	4.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-1	R-EVE	0.26	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-092323	09/23/2023	320-105433-7	R-PSDA	0.028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-092323	09/23/2023	320-105433-7	Hydrolyzed PSDA	0.17	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-092323	09/23/2023	320-105433-7	R-EVE	0.027	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-324-083023	08/30/2023	320-104562-8	R-PSDA	0.065	UG/L	PQL		0.0035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-324-083023	08/30/2023	320-104562-8	Hydrolyzed PSDA	0.35	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-324-083023	08/30/2023	320-104562-8	R-EVE	0.068	UG/L	PQL		0.0036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071423	07/14/2023	320-102582-4	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071423	07/14/2023	320-102582-4	Hydrolyzed PSDA	0.072	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-EFFLUENT-336-071423	07/14/2023	320-102582-4	R-EVE	0.0096	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-073123	07/31/2023	320-103153-5	R-PSDA	0.0091	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-073123	07/31/2023	320-103153-5	Hydrolyzed PSDA	0.054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-073123	07/31/2023	320-103153-5	R-EVE	0.0089	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-081423	08/14/2023	320-103831-4	R-PSDA	0.042	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-081423	08/14/2023	320-103831-4	Hydrolyzed PSDA	0.30	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-081423	08/14/2023	320-103831-4	R-EVE	0.031	UG/L	PQL		0.0036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-091523	09/15/2023	320-105007-8	R-PSDA	0.015	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-091523	09/15/2023	320-105007-8	Hydrolyzed PSDA	0.080	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-091523	09/15/2023	320-105007-8	R-EVE	0.015	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-7	R-PSDA	1.2	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-7	Hydrolyzed PSDA	6.2	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-7	R-EVE	1.5	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-216-071423	07/14/2023	320-102582-3	R-PSDA	0.73	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-216-071423	07/14/2023	320-102582-3	Hydrolyzed PSDA	3.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-216-071423	07/14/2023	320-102582-3	R-EVE	0.59	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-092323	09/23/2023	320-105433-8	R-PSDA	0.26	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-092323	09/23/2023	320-105433-8	Hydrolyzed PSDA	0.74	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-092323	09/23/2023	320-105433-8	R-EVE	0.15	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-324-083023	08/30/2023	320-104562-9	R-PSDA	1.8	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-324-083023	08/30/2023	320-104562-9	Hydrolyzed PSDA	12	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-324-083023	08/30/2023	320-104562-9	R-EVE	1.3	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-073123	07/31/2023	320-103153-4	R-PSDA	0.61	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code:

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-INFLUENT-336-073123	07/31/2023	320-103153-4	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-073123	07/31/2023	320-103153-4	R-EVE	0.34	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-081423	08/14/2023	320-103831-3	R-PSDA	1.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-081423	08/14/2023	320-103831-3	Hydrolyzed PSDA	9.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-081423	08/14/2023	320-103831-3	R-EVE	0.82	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-8	Hydrolyzed PSDA	0.11	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-8	R-PSDA	1.3	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-8	Hydrolyzed PSDA	7.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-8	R-EVE	0.73	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-24-091923	09/19/2023	320-105068-2	R-PSDA	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-24-091923	09/19/2023	320-105068-2	Hydrolyzed PSDA	0.0034	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-24-091923	09/19/2023	320-105068-2	R-EVE	0.0030	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-4	R-PSDA	0.0021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-4	Hydrolyzed PSDA	0.0025	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-4	R-EVE	0.0039	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-091523	09/15/2023	320-105010-2	Hydrolyzed PSDA	0.0026	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-091523	09/15/2023	320-105010-2	R-EVE	0.0029	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-092323	09/23/2023	320-105433-3	R-PSDA	0.14	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-092323	09/23/2023	320-105433-3	Hydrolyzed PSDA	0.064	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-092323	09/23/2023	320-105433-3	R-EVE	0.11	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-324-083023	08/30/2023	320-104562-4	R-PSDA	0.18	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-324-083023	08/30/2023	320-104562-4	Hydrolyzed PSDA	0.13	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-324-083023	08/30/2023	320-104562-4	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-336-071423	07/14/2023	320-102582-5	R-PSDA	0.22	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-071423	07/14/2023	320-102582-5	Hydrolyzed PSDA	0.12	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-071423	07/14/2023	320-102582-5	R-EVE	0.14	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-073123	07/31/2023	320-103153-6	R-PSDA	0.30	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-073123	07/31/2023	320-103153-6	R-EVE	0.20	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-3	R-PSDA	0.24	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-3	Hydrolyzed PSDA	0.13	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-3	R-EVE	0.12	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-3	R-PSDA	0.13	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-3	R-EVE	0.078	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-24-092323	09/23/2023	320-105433-6	Hydrolyzed PSDA	0.0034	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-324-083023	08/30/2023	320-104562-7	R-PSDA	0.0082	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-324-083023	08/30/2023	320-104562-7	Hydrolyzed PSDA	0.019	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-324-083023	08/30/2023	320-104562-7	R-EVE	0.0098	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071423	07/14/2023	320-102582-8	R-PSDA	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071423	07/14/2023	320-102582-8	Hydrolyzed PSDA	0.033	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071423	07/14/2023	320-102582-8	R-EVE	0.014	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-073123	07/31/2023	320-103153-8	R-PSDA	0.0097	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-073123	07/31/2023	320-103153-8	Hydrolyzed PSDA	0.023	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-073123	07/31/2023	320-103153-8	R-EVE	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-081423	08/14/2023	320-103831-8	R-PSDA	0.68	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-081423	08/14/2023	320-103831-8	Hydrolyzed PSDA	1.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-081423	08/14/2023	320-103831-8	R-EVE	0.35	UG/L	PQL		0.036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-D-EFFLUENT-336-091523	09/15/2023	320-105007-7	R-PSDA	0.0031	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-091523	09/15/2023	320-105007-7	Hydrolyzed PSDA	0.0078	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-091523	09/15/2023	320-105007-7	R-EVE	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-6	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-6	Hydrolyzed PSDA	0.028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-070323	07/03/2023	320-102263-6	R-EVE	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-082923	08/29/2023	320-104566-2	R-PSDA	0.0091	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-082923	08/29/2023	320-104566-2	Hydrolyzed PSDA	0.022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-082923	08/29/2023	320-104566-2	R-EVE	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-092323	09/23/2023	320-105433-5	R-PSDA	0.32	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-092323	09/23/2023	320-105433-5	Hydrolyzed PSDA	0.55	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-092323	09/23/2023	320-105433-5	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-324-083023	08/30/2023	320-104562-6	R-PSDA	0.79	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-324-083023	08/30/2023	320-104562-6	Hydrolyzed PSDA	1.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-324-083023	08/30/2023	320-104562-6	R-EVE	0.77	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-071423	07/14/2023	320-102582-7	R-PSDA	0.63	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-071423	07/14/2023	320-102582-7	Hydrolyzed PSDA	1.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-071423	07/14/2023	320-102582-7	R-EVE	0.58	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-073123	07/31/2023	320-103111-1	R-PSDA	0.55	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-073123	07/31/2023	320-103111-1	Hydrolyzed PSDA	1.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-073123	07/31/2023	320-103111-1	R-EVE	0.47	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-5	R-PSDA	0.64	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-5	Hydrolyzed PSDA	1.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-D-INFLUENT-RAIN-24-070323	07/03/2023	320-102263-5	R-EVE	0.55	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-5	R-PSDA	0.44	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-5	Hydrolyzed PSDA	1.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-080523	08/05/2023	320-103382-5	R-EVE	0.38	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-082923	08/29/2023	320-104566-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-082923	08/29/2023	320-104566-1	Hydrolyzed PSDA	1.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-082923	08/29/2023	320-104566-1	R-EVE	1.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFMOAA	3.9	ug/L	PQL		0.0080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	NVHOS, Acid Form	0.037	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFO2HxA	0.87	ug/L	PQL		0.0027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PFO3OA	0.042	ug/L	PQL		0.0039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	R-EVE	0.045	UG/L	PQL		0.0072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PEPA	0.36	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	R-PSDA	0.041	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	Hydrolyzed PSDA	0.22	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	PMPA	1.2	UG/L	PQL		0.062	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-080523	08/05/2023	320-103382-7	Hfpo Dimer Acid	0.27	UG/L	PQL		0.0081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2023

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-EFFLUENT-24-092323	09/23/2023	320-105433-2	PFMOAA	0.14	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

Seep Flow Through Cell Sampling 2023

Validation Options:

LABSTATS

Validation Reason Code: The result is estimated since the concentration is between the method detection limit and practical quantitation limit.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-D-EFFLUENT-TSS-071323	07/13/2023	320-102534-8	Total Suspended Solids	2.4	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-D-EFFLUENT-TSS-072723	07/27/2023	320-103011-8	Total Suspended Solids	2.4	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-D-EFFLUENT-TSS-081423	08/14/2023	320-103832-8	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-D-EFFLUENT-TSS-091523	09/15/2023	320-105008-8	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-D-EFFLUENT-TSS-092723	09/27/2023	320-105429-8	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-C-EFFLUENT-TSS-071323	07/13/2023	320-102534-7	Total Suspended Solids	1.6	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-C-EFFLUENT-TSS-072723	07/27/2023	320-103011-7	Total Suspended Solids	1.6	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-A-EFFLUENT-TSS-081423	08/14/2023	320-103832-5	Total Suspended Solids	3.6	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-B-EFFLUENT-TSS-083023	08/30/2023	320-104508-6	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-B-EFFLUENT-TSS-091523	09/15/2023	320-105008-6	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		



ADQM Data Review

Site: Chemours Fayetteville

Project: 004 NPDES, CAP MWs, and Willis Creek (WC) (selected lots)

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
004-INF-0723-2	320-102255-1	Other liquid	N	07/05/2023	07:00	FS
004-EFF-0723-2	320-102255-2	Other liquid	N	07/05/2023	07:00	FS
004-INF-0723	320-102462-1	Other Liquid	N	07/11/2023	07:30	FS
004-EFF-0723	320-102462-2	Other Liquid	N	07/11/2023	07:30	FS
004-INF-0723-4	320-102615-1	Other liquid	N	07/18/2023	08:00	FS
004-EFF-0723-4	320-102615-2	Other liquid	N	07/18/2023	08:00	FS
004-INF-0723-3	320-102878-1	Other Liquid	N	07/25/2023	08:00	FS
004-EFF-0723-3	320-102878-2	Other Liquid	N	07/25/2023	08:00	FS
004-INF-080123	320-103138-1	Other Liquid	N	08/01/2023	07:15	FS
004-EFF-080123	320-103138-2	Other Liquid	N	08/01/2023	07:15	FS
004-INF-080823	320-103481-1	Other Liquid	N	08/08/2023	07:00	FS
004-EFF-080823	320-103481-2	Other Liquid	N	08/08/2023	07:00	FS
004-INF-081523	320-103835-1	Other Liquid	N	08/15/2023	07:15	FS
004-EFF-081523	320-103835-2	Other Liquid	N	08/15/2023	07:15	FS
004-INF-082223	320-104081-1	Other Liquid	N	08/22/2023	08:00	FS
004-EFF-082223	320-104081-2	Other Liquid	N	08/22/2023	08:00	FS
004-INF-0823-4	320-104340-1	Other Liquid	N	08/29/2023	07:00	FS
004-EFF-0823-4	320-104340-2	Other Liquid	N	08/29/2023	07:00	FS
004-INF-0923	320-104585-1	Other Liquid	N	09/05/2023	08:00	FS
004-EFF-0923	320-104585-2	Other Liquid	N	09/05/2023	08:00	FS
004-INF-0923-2	320-104824-1	Other Liquid	N	09/12/2023	07:45	FS
004-EFF-0923-2	320-104824-2	Other liquid	N	09/12/2023	08:00	FS
004-INF-0923-3	320-105072-1	Other Liquid	N	09/19/2023	07:00	FS
004-EFF-0923-3	320-105072-2	Other Liquid	N	09/19/2023	07:00	FS
004-INF-0923-4	320-105322-1	Other Liquid	N	09/26/2023	07:00	FS



004-EFF-0923-4	320-105322-2	Other Liquid	N	09/26/2023	07:00	FS
CAP2Q23-CFR-TARHEEL-051123	320-100312-1	Surface Water	N	05/11/2023	17:20	FS
CAP2Q23-CFR-BLADEN-051123	320-100312-2	Surface Water	N	05/11/2023	17:00	FS
CAP2Q23-WC-1-24-051223	320-100312-3	Surface Water	N	05/12/2023	07:00	FS
CAP2Q23-WC-2-24-051223	320-100312-4	Surface Water	N	05/12/2023	07:00	FS
CAP2Q23-WC-3-24-051223	320-100312-5	Surface Water	N	05/12/2023	09:08	FS
CAP2Q23-SMW-10-051723	320-100611-1	Groundwater	N	05/17/2023	15:50	FS
CAP2Q23-OW-33-051823	320-100611-2	Groundwater	N	05/18/2023	11:15	FS
CAP2Q23-SMW-12-051723	320-100611-3	Groundwater	N	05/17/2023	12:47	FS
CAP2Q23-SMW-12-051723-D	320-100611-4	Groundwater	N	05/17/2023	12:47	DUP
CAP2Q23-LTW-02-051723	320-100611-5	Groundwater	N	05/17/2023	13:25	FS
CAP2Q23-EQBLK-IS-051723	320-100611-6	Blank Water	N	05/17/2023	09:30	EB
CAP2Q23-PIW-3D-051723	320-100611-7	Groundwater	N	05/17/2023	16:30	FS
CAP2Q23-LTW-01-051723	320-100611-8	Groundwater	N	05/17/2023	14:35	FS
CAP2Q23-EQBLK-DV-051723	320-100611-9	Blank Water	N	05/17/2023	09:45	EB
CAP3Q23-WC-1-24-072723	320-103016-1	Surface Water	N	07/27/2023	06:34	FS
CAP3Q23-WC-2-24-072723	320-103016-2	Surface Water	N	07/27/2023	05:00	FS
CAP3Q23-WC-3-24-072723	320-103016-3	Surface Water	N	07/27/2023	05:00	FS
CAP3Q23-OUTFALL-002-24-072723	320-103016-4	Surface Water	N	07/27/2023	06:30	FS
OUTFALL-002-24-072723-D	320-103016-5	Surface Water	N	07/27/2023	06:30	DUP
CAP3Q22-WC-1-24-072122	320-90298-1	Surface Water	N	07/21/2022	04:00	FS
CAP3Q22-SEEP-C-EFF-24-072122	320-90298-2	Surface Water	N	07/21/2022	05:24	FS
CAP3Q22-SEEP-D-EFF-24-072122	320-90298-3	Surface Water	N	07/21/2022	05:30	FS



CAP3Q22-OUTFALL-002-24-072122	320-90298-4	Surface Water	N	07/21/2022	05:18	FS
CAP3Q22-OUTFALL-002-24-072122D	320-90298-5	Surface Water	N	07/21/2022	05:18	DUP
CAP3Q22-OLDOF-1-24-072122	320-90298-6	Surface Water	N	07/21/2022	12:06	FS
CAP3Q22-WC-2-24-072122	320-90298-7	Surface Water	N	07/21/2022	04:00	FS
CAP3Q22-WC-3-24-072122	320-90298-8	Surface Water	N	07/21/2022	04:00	FS
CAP4Q22-WC-1-24-110922	320-94319-1	Surface Water	N	11/09/2022	09:26	FS
CAP4Q22-FB-110922	320-94319-10	Blank Water	N	11/09/2022	17:15	FB
CAP4Q22-SEEP-C-EFF-23-110922	320-94319-2	Surface Water	N	11/09/2022	10:06	FS
CAP4Q22-SEEP-D-EFF-24-110922	320-94319-3	Surface Water	N	11/09/2022	11:26	FS
CAP4Q22-OUTFALL-002-24-110922	320-94319-4	Surface Water	N	11/09/2022	09:54	FS
CAP4Q22-OLDOF-1-24-110922	320-94319-5	Surface Water	N	11/09/2022	11:06	FS
CAP4Q22-WC-2-22-110922	320-94319-6	Surface Water	N	11/09/2022	06:00	FS
CAP4Q22-WC-3-24-110922	320-94319-7	Surface Water	N	11/09/2022	14:20	FS
CAP4Q22-EQBLK-PP-110922	320-94319-8	Blank Water	N	11/09/2022	17:00	FS
CAP4Q22-EQBLK-IS-110922	320-94319-9	Blank Water	N	11/09/2022	17:10	EB
CAP1Q23-CFR-TARHEEL-022223	320-97412-1	Surface Water	N	02/22/2023	13:20	FS
CAP1Q23-CFR-BLADEN-022223	320-97412-2	Surface Water	N	02/22/2023	12:05	FS
CAP1Q23-CFR-KINGS-022423	320-97412-3	Surface Water	N	02/24/2023	11:35	FS
CAP1Q23-WC-1-24-022523	320-97412-4	Surface Water	N	02/25/2023	10:42	FS
CAP1Q23-WC-2-24-022523	320-97412-5	Surface Water	N	02/25/2023	11:09	FS
CAP1Q23-WC-3-24-022523	320-97412-6	Surface Water	N	02/25/2023	11:38	FS



CAP2Q23-LTW-05-052223	320-100782-1	Groundwater	N	05/22/2023	12:57	FS
CAP2Q23-PIW-7S-052223	320-100782-2	Groundwater	N	05/22/2023	15:30	FS
CAP2Q23-PIW-7D-052223	320-100782-3	Groundwater	N	05/22/2023	14:10	FS
CAP2Q23-PIW-1D-052323	320-100782-4	Groundwater	N	05/23/2023	16:00	FS
CAP2Q23-LTW-03-052323	320-100782-5	Groundwater	N	05/23/2023	11:30	FS
CAP2Q23-PZ-22-052323	320-100782-6	Groundwater	N	05/23/2023	14:40	FS
CAP2Q23-LTW-04-052323	320-100782-7	Groundwater	N	05/23/2023	13:45	FS
CAP2Q23-PW-04-052523	320-100881-1	Groundwater	N	05/25/2023	09:20	FS
CAP2Q23-OW-28-052523	320-100881-2	Groundwater	N	05/25/2023	11:35	FS
CAP2Q23-PW-04-052523-Z	320-100881-3	Groundwater	Y	05/25/2023	09:20	FS
CAP1Q23-BLADEN-1D-R-021423	320-96856-1	Groundwater	N	02/14/2023	14:10	FS
CAP1Q23-PW-06-021423	320-96856-2	Groundwater	N	02/14/2023	15:50	FS
CAP1Q23-PW-06-021423-D	320-96856-3	Groundwater	N	02/14/2023	15:50	DUP
CAP1Q23-OW-33-021423	320-96856-4	Groundwater	N	02/14/2023	15:58	FS
CAP1Q23-EQBLK-PP-021423	320-96856-5	Blank Water	N	02/14/2023	14:30	EB
CAP1Q23-OW-30-021523	320-96926-1	Groundwater	N	02/15/2023	11:35	FS
CAP1Q23-OW-40-021523	320-96926-2	Groundwater	N	02/15/2023	13:08	FS
CAP1Q23-OW-57-021523	320-96926-3	Groundwater	N	02/15/2023	16:10	FS
CAP1Q23-LTW-05-021523	320-96926-4	Groundwater	N	02/15/2023	11:25	FS
CAP1Q23-PIW-7D-021523	320-96926-5	Groundwater	N	02/15/2023	14:55	FS
CAP1Q23-PIW-7S-021523	320-96926-6	Groundwater	N	02/15/2023	15:55	FS
CAP1Q23-EQBLK-DV-021723	320-96926-7	Blank Water	N	02/17/2023	10:40	EB
CAP1Q23-OW-54-021623	320-96927-1	Groundwater	N	02/16/2023	13:45	FS
CAP1Q23-OW-55-021623	320-96927-2	Groundwater	N	02/16/2023	15:32	FS
CAP1Q23-LTW-01-021623	320-96927-3	Groundwater	N	02/16/2023	09:50	FS



CAP1Q23-LTW-02-021623	320-96927-4	Groundwater	N	02/16/2023	11:55	FS
CAP1Q23-PIW-1S-021623	320-96927-5	Groundwater	N	02/16/2023	14:30	FS
CAP1Q23-PIW-1D-021623	320-96927-6	Groundwater	N	02/16/2023	16:15	FS
CAP1Q23-PIW-3D-021623	320-96927-7	Groundwater	N	02/16/2023	13:10	FS
CAP1Q23-LTW-03-022123	320-97053-1	Groundwater	N	02/21/2023	13:25	FS
CAP1Q23-LTW-04-021723	320-97053-2	Groundwater	N	02/17/2023	10:50	FS
CAP1Q23-OW-28-022023	320-97053-3	Groundwater	N	02/20/2023	13:10	FS
CAP1Q23-OW-56-022123	320-97053-4	Groundwater	N	02/21/2023	16:05	FS
CAP1Q23-PZ-22-022023	320-97053-5	Groundwater	N	02/20/2023	15:35	FS
CAP1Q23-SMW-10-022323	320-97134-1	Groundwater	N	02/23/2023	14:32	FS
CAP1Q23-SMW-11-022323	320-97134-2	Groundwater	N	02/23/2023	10:33	FS
CAP1Q23-SMW-11-022323-D	320-97134-3	Groundwater	N	02/23/2023	10:33	DUP
CAP1Q23-SMW-12-022323	320-97134-4	Groundwater	N	02/23/2023	11:55	FS
CAP1Q23-PW-04-022323	320-97134-5	Groundwater	N	02/23/2023	11:02	FS
CAP1Q23-PW-04-022323-Z	320-97134-6	Groundwater	Y	02/23/2023	11:02	FS
CAP1Q23-EQBLK-BAILER-022323	320-97134-7	Blank Water	N	02/23/2023	16:00	EB
CAP3Q23-BCA-01-070723	320-102399-1	Groundwater	N	07/07/2023	09:00	FS
CAP3Q23-MW-19D-071023	320-102399-10	Groundwater	N	07/10/2023	15:50	FS
CAP3Q23-PW-06-071023	320-102399-11	Groundwater	N	07/10/2023	16:40	FS
CAP3Q23-BCA-02-070723	320-102399-2	Groundwater	N	07/07/2023	11:00	FS
CAP3Q23-PW-11-070723	320-102399-3	Groundwater	N	07/07/2023	08:40	FS
CAP3Q23-PW-14-070723	320-102399-4	Groundwater	N	07/07/2023	10:50	FS
CAP3Q23-PW-14-070723-D	320-102399-5	Groundwater	N	07/07/2023	10:50	DUP
CAP3Q23-PW-15R-070723	320-102399-6	Groundwater	N	07/07/2023	08:50	FS
CAP3Q23-PIW-16S-071023	320-102399-7	Groundwater	N	07/10/2023	15:15	FS
CAP3Q23-SMW-01-071023	320-102399-8	Groundwater	N	07/10/2023	15:25	FS



CAP3Q23-MW-13D-071023	320-102399-9	Groundwater	N	07/10/2023	16:30	FS
CAP3Q23-MW-15DRR-071123	320-102509-1	Groundwater	N	07/11/2023	13:15	FS
CAP3Q23-EQBLK-BP-071123	320-102509-10	Blank Water	N	07/11/2023	16:25	EB
CAP3Q23-EQBLK-DV-071223	320-102509-11	Blank Water	N	07/12/2023	08:15	EB
CAP3Q23-PIW-7S-071123	320-102509-2	Groundwater	N	07/11/2023	12:20	FS
CAP3Q23-PIW-7D-071123	320-102509-3	Groundwater	N	07/11/2023	10:45	FS
CAP3Q23-PIW-8D-071123	320-102509-4	Groundwater	N	07/11/2023	15:15	FS
CAP3Q23-OW-28-071123	320-102509-5	Groundwater	N	07/11/2023	14:05	FS
CAP3Q23-LTW-05-071123	320-102509-6	Groundwater	N	07/11/2023	16:20	FS
CAP3Q23-MW-20D-071123	320-102509-7	Groundwater	N	07/11/2023	15:45	FS
CAP3Q23-MW-20D-071123-D	320-102509-8	Groundwater	N	07/11/2023	15:45	DUP
CAP3Q23-BCA-03R-071123	320-102509-9	Groundwater	N	07/11/2023	16:30	FS
CAP3Q23-LTW-04-071123	320-102527-1	Groundwater	N	07/11/2023	14:00	FS
CAP3Q23-EQBLK-PP-071223	320-102527-10	Blank Water	N	07/12/2023	16:00	EB
CAP3Q-PZ-22-071123	320-102527-2	Groundwater	N	07/11/2023	15:55	FS
CAP3Q23-OW-33-071223	320-102527-3	Groundwater	N	07/12/2023	10:10	FS
CAP3Q23-MW-22D-071223	320-102527-4	Groundwater	N	07/12/2023	12:00	FS
CAP3Q23-LTW-03-071223	320-102527-5	Groundwater	N	07/12/2023	12:20	FS
CAP3Q23-PIW-6S-071223	320-102527-6	Groundwater	N	07/12/2023	14:05	FS
CAP3Q23-MW-16D-071223	320-102527-7	Groundwater	N	07/12/2023	14:10	FS
CAP3Q23-LTW-02-071223	320-102527-8	Groundwater	N	07/12/2023	15:40	FS
CAP3Q23-BLADEN-1DR-071223	320-102527-9	Groundwater	N	07/12/2023	16:45	FS
CAP3Q23-MW-24-071823	320-102688-1	Groundwater	N	07/18/2023	09:50	FS
CAP3Q23-MW-12S-071823	320-102688-2	Groundwater	N	07/18/2023	10:55	FS



CAP3Q23-MW-1S-071823	320-102688-3	Groundwater	N	07/18/2023	14:10	FS
CAP3Q23-SMW-07-071823	320-102688-4	Groundwater	N	07/18/2023	15:35	FS
CAP3Q23-SMW-12-071823	320-102688-5	Groundwater	N	07/18/2023	11:00	FS
CAP3Q23-PIW-3D-071323	320-102712-1	Groundwater	N	07/13/2023	11:05	FS
CAP3Q23-OW-30-071323	320-102712-10	Groundwater	N	07/13/2023	13:50	FS
CAP3Q23-OW-30-071323-Z	320-102712-11	Groundwater	Y	07/13/2023	13:50	FS
CAP3Q23-LTW-01-071323	320-102712-2	Groundwater	N	07/13/2023	12:30	FS
CAP3Q23-PIW-4D-071323	320-102712-3	Groundwater	N	07/13/2023	15:15	FS
CAP3Q23-MW-28-071323	320-102712-4	Groundwater	N	07/13/2023	12:00	FS
CAP3Q23-PIW-10S-071323	320-102712-5	Groundwater	N	07/13/2023	14:15	FS
CAP3Q23-PZ-27-071323	320-102712-6	Groundwater	N	07/13/2023	12:55	FS
CAP3Q23-MW-27-071323	320-102712-7	Groundwater	N	07/13/2023	11:10	FS
CAP3Q23-INSITU-01-071323	320-102712-8	Groundwater	N	07/13/2023	16:05	FS
CAP3Q23-OW-40-071323	320-102712-9	Groundwater	N	07/13/2023	16:10	FS
CAP3Q23-PW-13-071323	320-102716-1	Groundwater	N	07/13/2023	11:25	FS
CAP3Q23-PW-01-071723	320-102716-10	Groundwater	N	07/17/2023	13:15	FS
CAP3Q23-SMW-11-071723	320-102716-11	Groundwater	N	07/17/2023	15:45	FS
CAP3Q23-MW-14D-071323	320-102716-2	Groundwater	N	07/13/2023	13:35	FS
CAP3Q23-PIW-16D-071423	320-102716-3	Groundwater	N	07/14/2023	11:30	FS
CAP3Q23-MW-21D-071423	320-102716-4	Groundwater	N	07/14/2023	12:50	FS
CAP3Q23-PIW-10DR-071423	320-102716-5	Groundwater	N	07/14/2023	12:25	FS
CAP3Q23-MW-18D-071723	320-102716-6	Groundwater	N	07/17/2023	13:30	FS
CAP3Q23-PW-12-071723	320-102716-7	Groundwater	N	07/17/2023	11:45	FS
CAP3Q23-PZ-11-071723	320-102716-8	Groundwater	N	07/17/2023	14:45	FS
CAP3Q23-SMW-10-071723	320-102716-9	Groundwater	N	07/17/2023	12:05	FS
CAP3Q23-NAF-01-072123	320-102898-1	Groundwater	N	07/21/2023	10:25	FS



CAP3Q23-PZ-14-072123	320-102898-2	Groundwater	N	07/21/2023	11:25	FS
CAP3Q23-SMW-05PR-072123	320-102898-3	Groundwater	N	07/21/2023	12:55	FS
CAP3Q23-PIW-14-072423	320-102898-4	Groundwater	N	07/24/2023	14:25	FS
CAP3Q23-PIW-12-072423	320-102898-5	Groundwater	N	07/24/2023	14:30	FS
CAP3Q23-PIW-13-072423	320-102898-6	Groundwater	N	07/24/2023	12:15	FS
CAP3Q23-OW-55-072523	320-102898-7	Groundwater	N	07/25/2023	10:55	FS
CAP3Q23-PIW-15-072523	320-102898-8	Groundwater	N	07/25/2023	13:40	FS
CAP3Q23-CUMBERLAND-1S-072723	320-103202-1	Groundwater	N	07/27/2023	15:50	FS
CAP3Q23-OW-57-073123	320-103202-10	Groundwater	N	07/31/2023	12:00	FS
CAP3Q23-CUMBERLAND-1D-072823	320-103202-2	Groundwater	N	07/28/2023	10:20	FS
CAP3Q23-CUMBERLAND-2S-072823	320-103202-3	Groundwater	N	07/28/2023	12:50	FS
CAP3Q23-CUMBERLAND-2D-072823	320-103202-4	Groundwater	N	07/28/2023	11:55	FS
CAP3Q23-PW-04-072823	320-103202-5	Groundwater	N	07/28/2023	07:10	FS
CAP3Q23-PW-04-072823-Z	320-103202-6	Groundwater	Y	07/28/2023	07:10	FS
CAP3Q23-ROBESON-1D-072823	320-103202-7	Groundwater	N	07/28/2023	12:30	FS
CAP3Q23-PIW-11-073123	320-103202-8	Groundwater	N	07/31/2023	14:40	FS
CAP3Q23-OW-56-073123	320-103202-9	Groundwater	N	07/31/2023	13:50	FS
CAP3Q23-ROBESON-1S-080123	320-103526-1	Groundwater	N	08/01/2023	13:55	FS
CAP3Q23-BLADEN-2S-080123	320-103526-2	Groundwater	N	08/01/2023	15:20	FS
CAP3Q23-BLADEN-2D-080223	320-103526-3	Groundwater	N	08/02/2023	11:05	FS
CAP3Q23-PIW-1D-080223	320-103526-4	Groundwater	N	08/02/2023	14:50	FS
CAP3Q23-PW-10RR-080323	320-103526-5	Groundwater	N	08/03/2023	15:50	FS



CAP3Q23-OW-51-080323	320-103526-6	Groundwater	N	08/03/2023	10:05	FS
CAP3Q23-OW-4R-080423	320-103526-7	Groundwater	N	08/04/2023	11:30	FS
CAP3Q23-PIW-5SR-080423	320-103526-8	Groundwater	N	08/04/2023	12:05	FS
CAP3Q23-PIW-5SR-080423-Z	320-103526-9	Groundwater	Y	08/04/2023	12:05	FS
CAP3Q23-PW-09-081023	320-104266-1	Groundwater	N	08/10/2023	13:10	FS
CAP3Q23-PW-09-081023-Z	320-104266-2	Groundwater	Y	08/10/2023	13:10	FS
CAP3Q23-OW-37-081023	320-104266-3	Groundwater	N	08/10/2023	16:10	FS
CAP3Q23-PZ-35-082123	320-104266-4	Groundwater	N	08/21/2023	11:35	FS
CAP3Q23-PZ-35-082123-D	320-104266-5	Groundwater	N	08/21/2023	11:35	DUP
CAP3Q23-OW-32-090823	320-104780-1	Groundwater	N	09/08/2023	11:20	FS
CAP3Q23-OW-32-090823-D	320-104780-2	Groundwater	N	09/08/2023	11:20	DUP
CAP3Q23-OW-32-090823-Z	320-104780-3	Groundwater	Y	09/08/2023	11:20	FS
CAP3Q23-OW-32-090823-D-Z	320-104780-4	Groundwater	Y	09/08/2023	11:20	DUP
CAP1Q23-BLADEN-1D-R-021423	320-96856-1	Groundwater	N	02/14/2023	14:10	FS
CAP1Q23-PW-06-021423	320-96856-2	Groundwater	N	02/14/2023	15:50	FS
CAP1Q23-PW-06-021423-D	320-96856-3	Groundwater	N	02/14/2023	15:50	DUP
CAP1Q23-OW-33-021423	320-96856-4	Groundwater	N	02/14/2023	15:58	FS
CAP1Q23-EQBLK-PP-021423	320-96856-5	Blank Water	N	02/14/2023	14:30	EB
CAP1Q23-OW-30-021523	320-96926-1	Groundwater	N	02/15/2023	11:35	FS
CAP1Q23-OW-40-021523	320-96926-2	Groundwater	N	02/15/2023	13:08	FS
CAP1Q23-OW-57-021523	320-96926-3	Groundwater	N	02/15/2023	16:10	FS
CAP1Q23-LTW-05-021523	320-96926-4	Groundwater	N	02/15/2023	11:25	FS
CAP1Q23-PIW-7D-021523	320-96926-5	Groundwater	N	02/15/2023	14:55	FS
CAP1Q23-PIW-7S-021523	320-96926-6	Groundwater	N	02/15/2023	15:55	FS
CAP1Q23-EQBLK-DV-021723	320-96926-7	Blank Water	N	02/17/2023	10:40	EB



CAP1Q23-OW-54-021623	320-96927-1	Groundwater	N	02/16/2023	13:45	FS
CAP1Q23-OW-55-021623	320-96927-2	Groundwater	N	02/16/2023	15:32	FS
CAP1Q23-LTW-01-021623	320-96927-3	Groundwater	N	02/16/2023	09:50	FS
CAP1Q23-LTW-02-021623	320-96927-4	Groundwater	N	02/16/2023	11:55	FS
CAP1Q23-PIW-1S-021623	320-96927-5	Groundwater	N	02/16/2023	14:30	FS
CAP1Q23-PIW-1D-021623	320-96927-6	Groundwater	N	02/16/2023	16:15	FS
CAP1Q23-PIW-3D-021623	320-96927-7	Groundwater	N	02/16/2023	13:10	FS
CAP1Q23-LTW-03-022123	320-97053-1	Groundwater	N	02/21/2023	13:25	FS
CAP1Q23-LTW-04-021723	320-97053-2	Groundwater	N	02/17/2023	10:50	FS
CAP1Q23-OW-28-022023	320-97053-3	Groundwater	N	02/20/2023	13:10	FS
CAP1Q23-OW-56-022123	320-97053-4	Groundwater	N	02/21/2023	16:05	FS
CAP1Q23-PZ-22-022023	320-97053-5	Groundwater	N	02/20/2023	15:35	FS
CAP1Q23-SMW-10-022323	320-97134-1	Groundwater	N	02/23/2023	14:32	FS
CAP1Q23-SMW-11-022323	320-97134-2	Groundwater	N	02/23/2023	10:33	FS
CAP1Q23-SMW-11-022323-D	320-97134-3	Groundwater	N	02/23/2023	10:33	DUP
CAP1Q23-SMW-12-022323	320-97134-4	Groundwater	N	02/23/2023	11:55	FS
CAP1Q23-PW-04-022323	320-97134-5	Groundwater	N	02/23/2023	11:02	FS
CAP1Q23-PW-04-022323-Z	320-97134-6	Groundwater	Y	02/23/2023	11:02	FS
CAP1Q23-EQBLK-BAILER-022323	320-97134-7	Blank Water	N	02/23/2023	16:00	EB

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



Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 2Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP MW Sampling 3Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 3Q22
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 1Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 4Q22
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP MW Sampling 1Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 8/23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 2Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 3Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 3Q22
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP MW Sampling 1Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 4Q22
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 1Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 8/23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 7/23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 9/23



ADQM Data Review Checklist

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

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

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

The following samples were received at the laboratory outside the required temperature criteria and this was noted by the laboratory in their receiving documentation. Due to the thermal stability of the analytes, analysis of the samples proceeded and data qualification was not deemed necessary:

- 004-INF-0723 and 004-EFF-0723 (received at 19.3°C)

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



Data Verification Module (DVM)

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

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs
- Temperature upon laboratory receipt not to exceed 10 C (manual check)

There are two qualifier fields in EIM:

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

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

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

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

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

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

DVM Narrative Report

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q22

Validation Options: LABSTATS

Validation Reason Code: Contamination detected in equipment blank(s). Sample result does not differ significantly from the analyte concentration detected in the associated equipment blank(s).

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	PFMOAA	0.024	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-SEEP-D-EFF-24-072122	07/21/2022	320-90298-3	PFO2HxA	0.0060	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OUTFALL-002-24-072122D	07/21/2022	320-90298-5	PFMOAA	0.023	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-EQBLK-DV- 051723	05/17/2023	320-100611-9	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q22

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q23-CFR-BLADEN-022223	02/22/2023	320-97412-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q23-CFR-KINGS-022423	02/24/2023	320-97412-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q23-CFR-TARHEEL-022223	02/22/2023	320-97412-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptane Sulfonic Acid (PFHpsS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

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Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OUTFALL-002-24-072723	07/27/2023	320-103016-4	R-PSDA	0.019	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OUTFALL-002-24-072723	07/27/2023	320-103016-4	Hydrolyzed PSDA	0.016	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OUTFALL-002-24-072723	07/27/2023	320-103016-4	R-EVE	0.0047	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	R-PSDA	0.035	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	Hydrolyzed PSDA	0.15	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	R-EVE	0.0063	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options: LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12- 051723	05/17/2023	320-100611-3	PFOS	0.017	UG/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Hydrolyzed PSDA	0.69	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	R-EVE	0.58	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	R-PSDA	0.086	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	Hydrolyzed PSDA	0.38	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-1-24-051223	05/12/2023	320-100312-3	R-EVE	0.038	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	R-PSDA	0.049	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	Hydrolyzed PSDA	0.044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-2-24-051223	05/12/2023	320-100312-4	R-EVE	0.028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-3-24-051223	05/12/2023	320-100312-5	R-PSDA	0.032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-WC-3-24-051223	05/12/2023	320-100312-5	R-EVE	0.016	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q23-WC-1-24-072723	07/27/2023	320-103016-1	R-PSDA	0.17	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-1-24-072723	07/27/2023	320-103016-1	Hydrolyzed PSDA	0.29	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-1-24-072723	07/27/2023	320-103016-1	R-EVE	0.059	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-2-24-072723	07/27/2023	320-103016-2	R-PSDA	0.096	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-2-24-072723	07/27/2023	320-103016-2	Hydrolyzed PSDA	0.075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-2-24-072723	07/27/2023	320-103016-2	R-EVE	0.041	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-3-24-072723	07/27/2023	320-103016-3	R-PSDA	0.065	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-3-24-072723	07/27/2023	320-103016-3	Hydrolyzed PSDA	0.0076	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-WC-3-24-072723	07/27/2023	320-103016-3	R-EVE	0.023	UG/L	PQL		0.0020	J	537 Modified		3535
OUTFALL-002-24-072723-D	07/27/2023	320-103016-5	R-PSDA	0.019	UG/L	PQL		0.0020	J	537 Modified		3535
OUTFALL-002-24-072723-D	07/27/2023	320-103016-5	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	537 Modified		3535
OUTFALL-002-24-072723-D	07/27/2023	320-103016-5	R-EVE	0.0044	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q22-OLDOF-1-24-072122	07/21/2022	320-90298-6	R-PSDA	0.0070	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

CAP SW Sampling 3Q22

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q22-OLDOF-1-24-072122	07/21/2022	320-90298-6	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OLDOF-1-24-072122	07/21/2022	320-90298-6	R-EVE	0.0054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-1-24-022523	02/25/2023	320-97412-4	R-PSDA	0.030	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-1-24-022523	02/25/2023	320-97412-4	Hydrolyzed PSDA	0.19	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-1-24-022523	02/25/2023	320-97412-4	R-EVE	0.014	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-2-24-022523	02/25/2023	320-97412-5	R-PSDA	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-2-24-022523	02/25/2023	320-97412-5	Hydrolyzed PSDA	0.028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-2-24-022523	02/25/2023	320-97412-5	R-EVE	0.0096	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-3-24-022523	02/25/2023	320-97412-6	R-PSDA	0.015	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-3-24-022523	02/25/2023	320-97412-6	R-EVE	0.0075	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-OLDOF-1-24-110922	11/09/2022	320-94319-5	R-PSDA	0.0088	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-OLDOF-1-24-110922	11/09/2022	320-94319-5	Hydrolyzed PSDA	0.014	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-OLDOF-1-24-110922	11/09/2022	320-94319-5	R-EVE	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-OUTFALL-002-24-110922	11/09/2022	320-94319-4	Hydrolyzed PSDA	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-SEEP-C-EFF-23-110922	11/09/2022	320-94319-2	Hydrolyzed PSDA	0.0028	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-1-24-110922	11/09/2022	320-94319-1	R-PSDA	0.036	UG/L	PQL		0.0071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-1-24-110922	11/09/2022	320-94319-1	Hydrolyzed PSDA	0.23	UG/L	PQL		0.0038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-1-24-110922	11/09/2022	320-94319-1	R-EVE	0.016	UG/L	PQL		0.0072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-2-22-110922	11/09/2022	320-94319-6	R-PSDA	0.031	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-2-22-110922	11/09/2022	320-94319-6	Hydrolyzed PSDA	0.13	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-2-22-110922	11/09/2022	320-94319-6	R-EVE	0.019	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-3-24-110922	11/09/2022	320-94319-7	R-PSDA	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP4Q22-WC-3-24-110922	11/09/2022	320-94319-7	R-EVE	0.0061	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

CAP SW Sampling 3Q22

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q22-OUTFALL-002-24-072122D	07/21/2022	320-90298-5	R-PSDA	0.052	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OUTFALL-002-24-072122D	07/21/2022	320-90298-5	Hydrolyzed PSDA	0.15	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-OUTFALL-002-24-072122D	07/21/2022	320-90298-5	R-EVE	0.0072	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-1-24-072122	07/21/2022	320-90298-1	R-PSDA	0.042	UG/L	PQL		0.0035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-1-24-072122	07/21/2022	320-90298-1	Hydrolyzed PSDA	0.23	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-1-24-072122	07/21/2022	320-90298-1	R-EVE	0.024	UG/L	PQL		0.0036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-2-24-072122	07/21/2022	320-90298-7	R-PSDA	0.026	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-2-24-072122	07/21/2022	320-90298-7	Hydrolyzed PSDA	0.044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-2-24-072122	07/21/2022	320-90298-7	R-EVE	0.0094	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-WC-3-24-072122	07/21/2022	320-90298-8	R-EVE	0.0056	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-SEEP-C-EFF-24-072122	07/21/2022	320-90298-2	Hydrolyzed PSDA	0.0054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q22-SEEP-C-EFF-24-072122	07/21/2022	320-90298-2	R-EVE	0.0047	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q22

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q22-OUTFALL-002-24-072122	07/21/2022	320-90298-4	NVHOS, Acid Form	0.0083	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program:

CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexanoic Acid	0.0025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorobutanoic Acid	0.025	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexanoic Acid	0.0025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluoropentanoic Acid	0.062	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoropentanoic Acid	0.065	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	PFOS	0.024	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorononanoic Acid	0.0048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	PFOA	0.043	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexane Sulfonic Acid	0.0035	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorobutanoic Acid	0.073	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorobutane Sulfonic Acid	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoroheptanoic Acid	0.032	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexanoic Acid	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluoropentanoic Acid	0.15	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	PFOS	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroheptanoic Acid	0.0076	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	PFOA	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorobutanoic Acid	0.060	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorohexanoic Acid	0.010	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroheptanoic Acid	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanoic Acid	0.0023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentanoic Acid	0.12	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorobutanoic Acid	0.061	UG/L	PQL		0.0050	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluorohexanoic Acid	0.0084	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexane Sulfonic Acid	0.0063	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorobutanoic Acid	0.11	UG/L	PQL		0.0050	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorobutane Sulfonic Acid	0.0047	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoroheptanoic Acid	0.048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	PFOA	0.049	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluoropentanoic Acid	0.25	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoropentanoic Acid	0.19	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexanoic Acid	0.023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	PFOS	0.022	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorobutanoic Acid	0.025	UG/L	PQL		0.0050	J	537 Modified		3535

DVM Narrative Report

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-EQBLK-BAILER-022323	02/23/2023	320-97134-7	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.024	ug/L	PQL		0.024	UJ	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	N-ethylperfluoro-1-octanesulfonamide	0.087	UG/L	PQL		0.087	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP GW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-NAF-01-072123	07/21/2023	320-102898-1	Perfluorobutane Sulfonic Acid	0.020	UG/L	PQL		0.020	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFECA B	0.062	UG/L	PQL		0.062	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorooctadecanoic Acid	0.094	ug/L	PQL		0.094	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.085	ug/L	PQL		0.085	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFOS	0.054	UG/L	PQL		0.054	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoroundecanoic Acid	0.11	UG/L	PQL		0.11	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.12	UG/L	PQL		0.12	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoropentane Sulfonic Acid (PFPeS)	0.030	ug/L	PQL		0.030	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	6:2 Fluorotelomer sulfonate	0.25	ug/L	PQL		0.25	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PS Acid	0.040	UG/L	PQL		0.040	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.13	UG/L	PQL		0.13	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorohexanoic Acid	0.058	UG/L	PQL		0.058	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorododecanoic Acid	0.055	UG/L	PQL		0.055	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	N-methyl perfluoro-1-octanesulfonamide	0.043	ug/L	PQL		0.043	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFOA	0.085	UG/L	PQL		0.085	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorodecanoic Acid	0.031	UG/L	PQL		0.031	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorodecane Sulfonic Acid	0.032	UG/L	PQL		0.032	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorohexane Sulfonic Acid	0.057	UG/L	PQL		0.057	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorobutanoic Acid	0.24	UG/L	PQL		0.24	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorobutane Sulfonic Acid	0.020	UG/L	PQL		0.020	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoroheptanoic Acid	0.025	UG/L	PQL		0.025	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoroheptane Sulfonic Acid (PFHpS)	0.019	ug/L	PQL		0.019	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorononanoic Acid	0.027	UG/L	PQL		0.027	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorotetradecanoic Acid	0.073	UG/L	PQL		0.073	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.046	ug/L	PQL		0.046	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoro(2-ethoxyethane)sulfonic	0.029	UG/L	PQL		0.029	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	10:2 Fluorotelomer sulfonate	0.067	ug/L	PQL		0.067	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	R-PSDCA	0.14	UG/L	PQL		0.14	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.14	ug/L	PQL		0.14	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	N-ethylperfluoro-1-octanesulfonamide	0.087	UG/L	PQL		0.087	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorohexadecanoic Acid (PFHxDA)	0.089	ug/L	PQL		0.089	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorononanesulfonic Acid	0.037	ug/L	PQL		0.037	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	EVE Acid	0.040	UG/L	PQL		0.040	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorotridecanoic Acid	0.13	UG/L	PQL		0.13	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFECA-G	0.029	UG/L	PQL		0.029	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	DONA	0.040	ug/L	PQL		0.040	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PMPA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Hfpo Dimer Acid	0.0040	UG/L	PQL		0.0040	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	R-PSDCA	0.0030	UG/L	PQL		0.0030	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PEPA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PPF Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	NVHOS, Acid Form	0.0030	UG/L	PQL		0.0030	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023	08/10/2023	320-104266-1	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PMPA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Hfpo Dimer Acid	0.0040	UG/L	PQL		0.0040	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	R-PSDCA	0.0030	UG/L	PQL		0.0030	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PEPA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PPF Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	9CI-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	11CI-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	NVHOS, Acid Form	0.0030	UG/L	PQL		0.0030	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-PW-09-081023-Z	08/10/2023	320-104266-2	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorooctane Sulfonamide	0.098	UG/L	PQL		0.098	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	9CI-PF3ONS	0.024	ug/L	PQL		0.024	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.024	ug/L	PQL		0.024	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	11CI-PF3OUdS	0.032	ug/L	PQL		0.032	UJ	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluorododecane Sulfonic Acid (PFDoS)	0.097	ug/L	PQL		0.097	UJ	537 Modified		3535
CAP3Q23-PZ-14-072123	07/21/2023	320-102898-2	Perfluorobutane Sulfonic Acid	0.020	UG/L	PQL		0.020	UJ	537 Modified		3535
CAP3Q23-SMW-05PR-072123	07/21/2023	320-102898-3	Perfluorobutane Sulfonic Acid	0.020	UG/L	PQL		0.020	UJ	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: Surrogates had relative percent recovery (RPR) values greater than the upper control limit. The reported result may be biased high.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q-PZ-22-071123	07/11/2023	320-102527-2	Hfpo Dimer Acid	7.3	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	Hfpo Dimer Acid	9.1	UG/L	PQL		0.15	J	537 Modified		3535
CAP3Q23-LTW-02-071223	07/12/2023	320-102527-8	Hfpo Dimer Acid	6.8	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-LTW-04-071123	07/11/2023	320-102527-1	Hfpo Dimer Acid	9.8	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	Hfpo Dimer Acid	9.6	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	Hfpo Dimer Acid	12	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	Hfpo Dimer Acid	8.1	UG/L	PQL		0.14	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between field duplicate and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-32-090823-D-Z	09/08/2023	320-104780-4	Hfpo Dimer Acid	0.36	UG/L	PQL		0.15	J	537 Modified		3535
CAP3Q23-OW-32-090823-Z	09/08/2023	320-104780-3	Hfpo Dimer Acid	0.56	UG/L	PQL		0.15	J	537 Modified		3535
CAP1Q23-SMW-11-022323	02/23/2023	320-97134-2	R-PSDA	0.17	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-11-022323-D	02/23/2023	320-97134-3	R-PSDA	0.27	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PW-06-021423	02/14/2023	320-96856-2	PFO3OA	0.13	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PW-06-021423-D	02/14/2023	320-96856-3	PFO3OA	0.17	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PW-06-021423-D	02/14/2023	320-96856-3	PFMOAA	0.19	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q23-MW-20D-071123	07/11/2023	320-102509-7	Hfpo Dimer Acid	2.1	UG/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-MW-20D-071123-D	07/11/2023	320-102509-8	Hfpo Dimer Acid	2.9	UG/L	PQL		0.14	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between LCS and LCSD samples. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-BCA-03R- 071123	07/11/2023	320-102509-9	PS Acid	0.67	UG/L	PQL		0.039	J	537 Modified		3535
CAP3Q23-MW-15DRR- 071123	07/11/2023	320-102509-1	PS Acid	30	UG/L	PQL		0.036	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: High relative percent difference (RPD) observed between MS and MSD samples. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	NVHOS, Acid Form	0.15	UG/L	PQL		0.13	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-SMW-11-071723	07/17/2023	320-102716-11	R-PSDA	0.12	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-SMW-11-071723	07/17/2023	320-102716-11	Hydrolyzed PSDA	0.12	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-SMW-11-071723	07/17/2023	320-102716-11	R-EVE	0.093	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-PZ-27-071323	07/13/2023	320-102712-6	R-PSDA	0.37	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PZ-27-071323	07/13/2023	320-102712-6	Hydrolyzed PSDA	0.015	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PZ-27-071323	07/13/2023	320-102712-6	R-EVE	0.075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PZ-35-082123	08/21/2023	320-104266-4	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PZ-35-082123	08/21/2023	320-104266-4	Hydrolyzed PSDA	0.31	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PZ-35-082123	08/21/2023	320-104266-4	R-EVE	0.67	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PZ-35-082123-D	08/21/2023	320-104266-5	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PZ-35-082123-D	08/21/2023	320-104266-5	Hydrolyzed PSDA	0.28	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PZ-35-082123-D	08/21/2023	320-104266-5	R-EVE	0.66	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-SMW-05PR-072123	07/21/2023	320-102898-3	R-PSDA	0.29	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-SMW-05PR-072123	07/21/2023	320-102898-3	Hydrolyzed PSDA	0.94	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-SMW-05PR-072123	07/21/2023	320-102898-3	R-EVE	0.16	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-3D-071323	07/13/2023	320-102712-1	R-PSDA	0.61	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PIW-3D-071323	07/13/2023	320-102712-1	Hydrolyzed PSDA	0.015	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-3D-071323	07/13/2023	320-102712-1	R-EVE	0.28	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-PIW-4D-071323	07/13/2023	320-102712-3	R-PSDA	0.0089	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-4D-071323	07/13/2023	320-102712-3	Hydrolyzed PSDA	0.025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-4D-071323	07/13/2023	320-102712-3	R-EVE	0.0062	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-5SR-080423	08/04/2023	320-103526-8	R-PSDA	1.6	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-5SR-080423	08/04/2023	320-103526-8	Hydrolyzed PSDA	1.7	UG/L	PQL		0.027	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-5SR-080423	08/04/2023	320-103526-8	R-EVE	1.3	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-5SR-080423-Z	08/04/2023	320-103526-9	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-5SR-080423-Z	08/04/2023	320-103526-9	Hydrolyzed PSDA	1.2	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-5SR-080423-Z	08/04/2023	320-103526-9	R-EVE	1.1	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	R-PSDA	1.7	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	Hydrolyzed PSDA	18	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	R-EVE	0.63	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-PW-04-072823	07/28/2023	320-103202-5	R-PSDA	0.078	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PW-04-072823	07/28/2023	320-103202-5	R-EVE	0.049	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PW-04-072823-Z	07/28/2023	320-103202-6	R-PSDA	0.060	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PW-04-072823-Z	07/28/2023	320-103202-6	R-EVE	0.031	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PW-10RR-080323	08/03/2023	320-103526-5	R-PSDA	0.18	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PW-10RR-080323	08/03/2023	320-103526-5	Hydrolyzed PSDA	0.22	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PW-10RR-080323	08/03/2023	320-103526-5	R-EVE	0.24	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PZ-11-071723	07/17/2023	320-102716-8	R-PSDA	0.38	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PZ-11-071723	07/17/2023	320-102716-8	Hydrolyzed PSDA	2.3	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PZ-11-071723	07/17/2023	320-102716-8	R-EVE	0.11	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PZ-14-072123	07/21/2023	320-102898-2	R-PSDA	1.3	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PZ-14-072123	07/21/2023	320-102898-2	R-EVE	1.0	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-40-071323	07/13/2023	320-102712-9	R-PSDA	0.20	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-40-071323	07/13/2023	320-102712-9	Hydrolyzed PSDA	0.13	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-40-071323	07/13/2023	320-102712-9	R-EVE	0.24	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-4R-080423	08/04/2023	320-103526-7	R-PSDA	0.76	UG/L	PQL		0.028	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-4R-080423	08/04/2023	320-103526-7	Hydrolyzed PSDA	3.1	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-4R-080423	08/04/2023	320-103526-7	R-EVE	0.63	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-51-080323	08/03/2023	320-103526-6	R-PSDA	1.9	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-51-080323	08/03/2023	320-103526-6	Hydrolyzed PSDA	4.3	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-51-080323	08/03/2023	320-103526-6	R-EVE	2.6	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-55-072523	07/25/2023	320-102898-7	R-PSDA	0.14	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-55-072523	07/25/2023	320-102898-7	R-EVE	0.18	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-56-073123	07/31/2023	320-103202-9	R-PSDA	0.15	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-56-073123	07/31/2023	320-103202-9	R-EVE	0.12	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-57-073123	07/31/2023	320-103202-10	R-PSDA	1.2	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-57-073123	07/31/2023	320-103202-10	R-EVE	0.18	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-10DR-071423	07/14/2023	320-102716-5	R-PSDA	0.69	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-10DR-071423	07/14/2023	320-102716-5	Hydrolyzed PSDA	2.7	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-10DR-071423	07/14/2023	320-102716-5	R-EVE	0.25	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-10S-071323	07/13/2023	320-102712-5	R-PSDA	0.16	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PIW-10S-071323	07/13/2023	320-102712-5	R-EVE	0.23	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-11-073123	07/31/2023	320-103202-8	R-PSDA	0.24	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-11-073123	07/31/2023	320-103202-8	Hydrolyzed PSDA	1.5	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-11-073123	07/31/2023	320-103202-8	R-EVE	0.13	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-12-072423	07/24/2023	320-102898-5	R-PSDA	0.13	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-12-072423	07/24/2023	320-102898-5	R-EVE	0.13	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-13-072423	07/24/2023	320-102898-6	R-PSDA	0.26	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-13-072423	07/24/2023	320-102898-6	R-EVE	0.26	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-14-072423	07/24/2023	320-102898-4	R-PSDA	0.31	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-14-072423	07/24/2023	320-102898-4	R-EVE	0.23	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-15-072523	07/25/2023	320-102898-8	R-PSDA	0.25	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-15-072523	07/25/2023	320-102898-8	R-EVE	0.20	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-PIW-16D-071423	07/14/2023	320-102716-3	R-PSDA	0.0060	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	R-PSDA	0.37	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	R-EVE	0.28	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-32-090823	09/08/2023	320-104780-1	R-PSDA	0.044	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-32-090823	09/08/2023	320-104780-1	Hydrolyzed PSDA	0.10	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-32-090823	09/08/2023	320-104780-1	R-EVE	0.036	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-32-090823-D	09/08/2023	320-104780-2	Hydrolyzed PSDA	0.11	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-32-090823-D	09/08/2023	320-104780-2	R-EVE	0.034	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-32-090823-D-Z	09/08/2023	320-104780-4	Hydrolyzed PSDA	0.11	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-32-090823-D-Z	09/08/2023	320-104780-4	R-EVE	0.034	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-32-090823-Z	09/08/2023	320-104780-3	Hydrolyzed PSDA	0.10	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-32-090823-Z	09/08/2023	320-104780-3	R-EVE	0.034	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	R-PSDA	0.33	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	Hydrolyzed PSDA	0.63	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	R-EVE	0.24	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-30-071323	07/13/2023	320-102712-10	R-PSDA	0.33	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-30-071323	07/13/2023	320-102712-10	Hydrolyzed PSDA	0.57	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-30-071323	07/13/2023	320-102712-10	R-EVE	0.29	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q23-SMW-11-022323	02/23/2023	320-97134-2	Hydrolyzed PSDA	0.044	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-SMW-11-022323	02/23/2023	320-97134-2	R-EVE	0.12	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-11-022323-D	02/23/2023	320-97134-3	Hydrolyzed PSDA	0.052	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-11-022323-D	02/23/2023	320-97134-3	R-EVE	0.12	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-12-022323	02/23/2023	320-97134-4	R-PSDA	0.15	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-12-022323	02/23/2023	320-97134-4	R-EVE	0.097	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q23-BLADEN-2S-080123	08/01/2023	320-103526-2	R-PSDA	0.0075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-BLADEN-2S-080123	08/01/2023	320-103526-2	R-EVE	0.0027	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-LTW-01-071323	07/13/2023	320-102712-2	R-EVE	0.56	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-MW-14D-071323	07/13/2023	320-102716-2	R-PSDA	1.3	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-14D-071323	07/13/2023	320-102716-2	Hydrolyzed PSDA	5.0	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-14D-071323	07/13/2023	320-102716-2	R-EVE	0.22	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-MW-18D-071723	07/17/2023	320-102716-6	R-PSDA	0.010	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-18D-071723	07/17/2023	320-102716-6	R-EVE	0.0051	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-21D-071423	07/14/2023	320-102716-4	R-PSDA	0.028	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-21D-071423	07/14/2023	320-102716-4	R-EVE	0.012	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-27-071323	07/13/2023	320-102712-7	R-PSDA	0.89	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-27-071323	07/13/2023	320-102712-7	Hydrolyzed PSDA	3.8	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-27-071323	07/13/2023	320-102712-7	R-EVE	0.16	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-MW-28-071323	07/13/2023	320-102712-4	R-PSDA	0.095	UG/L	PQL		0.0026	J	537 Modified		3535
CAP3Q23-MW-28-071323	07/13/2023	320-102712-4	R-EVE	0.070	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-NAF-01-072123	07/21/2023	320-102898-1	R-PSDA	2.0	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-NAF-01-072123	07/21/2023	320-102898-1	Hydrolyzed PSDA	0.98	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-NAF-01-072123	07/21/2023	320-102898-1	R-EVE	2.0	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-EVE	0.18	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-PSDA	0.38	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-EVE	0.20	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-PSDA	0.95	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	Hydrolyzed PSDA	5.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-PSDA	1.7	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	Hydrolyzed PSDA	2.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-EVE	1.5	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-01-021623	02/16/2023	320-96927-3	R-PSDA	0.96	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-01-021623	02/16/2023	320-96927-3	Hydrolyzed PSDA	0.56	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-01-021623	02/16/2023	320-96927-3	R-EVE	0.55	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-02-021623	02/16/2023	320-96927-4	Hydrolyzed PSDA	0.27	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-03-022123	02/21/2023	320-97053-1	R-PSDA	1.0	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-03-022123	02/21/2023	320-97053-1	Hydrolyzed PSDA	7.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-03-022123	02/21/2023	320-97053-1	R-EVE	0.52	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-04-021723	02/17/2023	320-97053-2	R-PSDA	2.0	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-04-021723	02/17/2023	320-97053-2	Hydrolyzed PSDA	4.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-04-021723	02/17/2023	320-97053-2	R-EVE	2.0	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-05-021523	02/15/2023	320-96926-4	R-PSDA	0.49	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-05-021523	02/15/2023	320-96926-4	Hydrolyzed PSDA	0.88	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-LTW-05-021523	02/15/2023	320-96926-4	R-EVE	0.61	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-OW-28-022023	02/20/2023	320-97053-3	R-PSDA	0.34	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-28-022023	02/20/2023	320-97053-3	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-30-021523	02/15/2023	320-96926-1	R-PSDA	0.46	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-30-021523	02/15/2023	320-96926-1	Hydrolyzed PSDA	0.76	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-30-021523	02/15/2023	320-96926-1	R-EVE	0.41	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-33-021423	02/14/2023	320-96856-4	R-PSDA	0.28	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-33-021423	02/14/2023	320-96856-4	R-EVE	0.13	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-40-021523	02/15/2023	320-96926-2	Hydrolyzed PSDA	0.16	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-40-021523	02/15/2023	320-96926-2	R-EVE	0.17	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-55-021623	02/16/2023	320-96927-2	R-EVE	0.16	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-56-022123	02/21/2023	320-97053-4	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-56-022123	02/21/2023	320-97053-4	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-57-021523	02/15/2023	320-96926-3	R-PSDA	0.97	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-57-021523	02/15/2023	320-96926-3	Hydrolyzed PSDA	16	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OW-57-021523	02/15/2023	320-96926-3	R-EVE	0.24	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-1D-021623	02/16/2023	320-96927-6	R-PSDA	0.33	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-1D-021623	02/16/2023	320-96927-6	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-1S-021623	02/16/2023	320-96927-5	R-EVE	0.18	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-3D-021623	02/16/2023	320-96927-7	R-PSDA	0.52	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-3D-021623	02/16/2023	320-96927-7	R-EVE	0.22	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-7D-021523	02/15/2023	320-96926-5	R-PSDA	0.71	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-7D-021523	02/15/2023	320-96926-5	Hydrolyzed PSDA	1.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-7D-021523	02/15/2023	320-96926-5	R-EVE	0.87	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-PIW-7S-021523	02/15/2023	320-96926-6	R-PSDA	1.2	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PIW-7S-021523	02/15/2023	320-96926-6	R-EVE	1.4	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PW-04-022323	02/23/2023	320-97134-5	R-PSDA	0.16	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PZ-22-022023	02/20/2023	320-97053-5	R-PSDA	0.54	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PZ-22-022023	02/20/2023	320-97053-5	Hydrolyzed PSDA	0.89	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-PZ-22-022023	02/20/2023	320-97053-5	R-EVE	0.45	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-04-052523	05/25/2023	320-100881-1	R-PSDA	0.15	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-04-052523	05/25/2023	320-100881-1	R-EVE	0.086	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PW-04-052523-Z	05/25/2023	320-100881-3	R-PSDA	0.086	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	R-PSDA	0.56	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	Hydrolyzed PSDA	1.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PZ-22-052323	05/23/2023	320-100782-6	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP3Q-PZ-22-071123	07/11/2023	320-102527-2	R-PSDA	0.54	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q-PZ-22-071123	07/11/2023	320-102527-2	Hydrolyzed PSDA	1.1	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q-PZ-22-071123	07/11/2023	320-102527-2	R-EVE	0.22	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-BCA-01-070723	07/07/2023	320-102399-1	R-PSDA	0.58	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-BCA-01-070723	07/07/2023	320-102399-1	Hydrolyzed PSDA	4.1	UG/L	PQL		0.024	J	537 Modified		3535
CAP3Q23-BCA-01-070723	07/07/2023	320-102399-1	R-EVE	0.36	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-BCA-02-070723	07/07/2023	320-102399-2	R-PSDA	0.35	UG/L	PQL		0.013	J	537 Modified		3535
CAP3Q23-BCA-02-070723	07/07/2023	320-102399-2	Hydrolyzed PSDA	0.85	UG/L	PQL		0.013	J	537 Modified		3535
CAP3Q23-BCA-02-070723	07/07/2023	320-102399-2	R-EVE	0.28	UG/L	PQL		0.014	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	R-PSDA	3.5	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	R-EVE	0.53	UG/L	PQL		0.030	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-BLADEN-1DR-071223	07/12/2023	320-102527-9	R-PSDA	0.018	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-BLADEN-1DR-071223	07/12/2023	320-102527-9	R-EVE	0.0072	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-INSITU-01-071323	07/13/2023	320-102712-8	R-PSDA	0.055	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-INSITU-01-071323	07/13/2023	320-102712-8	R-EVE	0.027	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-LTW-01-071323	07/13/2023	320-102712-2	R-PSDA	0.94	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-LTW-01-071323	07/13/2023	320-102712-2	Hydrolyzed PSDA	0.76	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-LTW-02-071223	07/12/2023	320-102527-8	R-PSDA	0.62	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-LTW-02-071223	07/12/2023	320-102527-8	Hydrolyzed PSDA	1.3	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-LTW-02-071223	07/12/2023	320-102527-8	R-EVE	0.26	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-LTW-03-071223	07/12/2023	320-102527-5	R-PSDA	0.90	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-LTW-03-071223	07/12/2023	320-102527-5	Hydrolyzed PSDA	5.9	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-LTW-03-071223	07/12/2023	320-102527-5	R-EVE	0.15	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-LTW-04-071123	07/11/2023	320-102527-1	R-PSDA	1.7	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-LTW-04-071123	07/11/2023	320-102527-1	Hydrolyzed PSDA	3.0	UG/L	PQL		0.024	J	537 Modified		3535
CAP3Q23-LTW-04-071123	07/11/2023	320-102527-1	R-EVE	1.3	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	R-PSDA	0.50	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	Hydrolyzed PSDA	0.95	UG/L	PQL		0.024	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	R-EVE	0.61	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-MW-12S-071823	07/18/2023	320-102688-2	R-PSDA	0.36	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-12S-071823	07/18/2023	320-102688-2	Hydrolyzed PSDA	0.13	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-12S-071823	07/18/2023	320-102688-2	R-EVE	0.32	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	R-PSDA	1.5	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	Hydrolyzed PSDA	1.7	UG/L	PQL		0.025	J	537 Modified		3535

Site: Fayetteville

Sampling Program:

CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	R-EVE	1.6	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-MW-15DRR-071123	07/11/2023	320-102509-1	R-PSDA	2.5	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-15DRR-071123	07/11/2023	320-102509-1	Hydrolyzed PSDA	31	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-15DRR-071123	07/11/2023	320-102509-1	R-EVE	0.23	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-16D-071223	07/12/2023	320-102527-7	R-PSDA	0.058	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-16D-071223	07/12/2023	320-102527-7	Hydrolyzed PSDA	0.016	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-16D-071223	07/12/2023	320-102527-7	R-EVE	0.020	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-19D-071023	07/10/2023	320-102399-10	R-PSDA	0.066	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-19D-071023	07/10/2023	320-102399-10	Hydrolyzed PSDA	0.0025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-19D-071023	07/10/2023	320-102399-10	R-EVE	0.042	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-1S-071823	07/18/2023	320-102688-3	R-PSDA	0.28	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-MW-1S-071823	07/18/2023	320-102688-3	Hydrolyzed PSDA	0.26	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-1S-071823	07/18/2023	320-102688-3	R-EVE	0.16	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-MW-20D-071123	07/11/2023	320-102509-7	R-PSDA	0.070	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-20D-071123	07/11/2023	320-102509-7	Hydrolyzed PSDA	0.089	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-20D-071123	07/11/2023	320-102509-7	R-EVE	0.073	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-20D-071123-D	07/11/2023	320-102509-8	R-PSDA	0.064	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-20D-071123-D	07/11/2023	320-102509-8	Hydrolyzed PSDA	0.085	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-20D-071123-D	07/11/2023	320-102509-8	R-EVE	0.065	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-22D-071223	07/12/2023	320-102527-4	R-PSDA	0.054	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-22D-071223	07/12/2023	320-102527-4	Hydrolyzed PSDA	0.0023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-22D-071223	07/12/2023	320-102527-4	R-EVE	0.025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-24-071823	07/18/2023	320-102688-1	R-PSDA	2.1	UG/L	PQL		0.026	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-MW-24-071823	07/18/2023	320-102688-1	Hydrolyzed PSDA	6.9	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-MW-24-071823	07/18/2023	320-102688-1	R-EVE	0.41	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-OW-28-071123	07/11/2023	320-102509-5	R-PSDA	0.25	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-OW-28-071123	07/11/2023	320-102509-5	Hydrolyzed PSDA	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-28-071123	07/11/2023	320-102509-5	R-EVE	0.38	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-33-071223	07/12/2023	320-102527-3	R-PSDA	0.29	UG/L	PQL		0.014	J	537 Modified		3535
CAP3Q23-OW-33-071223	07/12/2023	320-102527-3	Hydrolyzed PSDA	0.058	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-OW-33-071223	07/12/2023	320-102527-3	R-EVE	0.22	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-16S-071023	07/10/2023	320-102399-7	R-PSDA	0.18	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-16S-071023	07/10/2023	320-102399-7	Hydrolyzed PSDA	0.020	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-16S-071023	07/10/2023	320-102399-7	R-EVE	0.072	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	R-PSDA	0.82	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	Hydrolyzed PSDA	4.1	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	R-EVE	0.23	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	R-PSDA	0.46	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	Hydrolyzed PSDA	0.89	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	R-EVE	0.56	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-PIW-7S-071123	07/11/2023	320-102509-2	R-PSDA	0.71	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-7S-071123	07/11/2023	320-102509-2	Hydrolyzed PSDA	0.11	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PIW-7S-071123	07/11/2023	320-102509-2	R-EVE	0.82	UG/L	PQL		0.030	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	R-PSDA	1.0	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	Hydrolyzed PSDA	2.6	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	R-EVE	1.3	UG/L	PQL		0.030	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-06-071023	07/10/2023	320-102399-11	R-PSDA	0.20	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PW-06-071023	07/10/2023	320-102399-11	R-EVE	0.059	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PW-11-070723	07/07/2023	320-102399-3	R-PSDA	0.85	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PW-11-070723	07/07/2023	320-102399-3	Hydrolyzed PSDA	7.9	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PW-11-070723	07/07/2023	320-102399-3	R-EVE	0.36	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-PW-14-070723	07/07/2023	320-102399-4	R-PSDA	1.1	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PW-14-070723	07/07/2023	320-102399-4	Hydrolyzed PSDA	1.4	UG/L	PQL		0.024	J	537 Modified		3535
CAP3Q23-PW-14-070723	07/07/2023	320-102399-4	R-EVE	0.85	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PW-14-070723-D	07/07/2023	320-102399-5	R-PSDA	1.1	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PW-14-070723-D	07/07/2023	320-102399-5	Hydrolyzed PSDA	1.5	UG/L	PQL		0.025	J	537 Modified		3535
CAP3Q23-PW-14-070723-D	07/07/2023	320-102399-5	R-EVE	0.87	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	R-PSDA	4.7	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	R-EVE	0.66	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-SMW-01-071023	07/10/2023	320-102399-8	R-PSDA	0.22	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-SMW-01-071023	07/10/2023	320-102399-8	Hydrolyzed PSDA	0.0072	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-SMW-01-071023	07/10/2023	320-102399-8	R-EVE	0.063	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-SMW-07-071823	07/18/2023	320-102688-4	R-PSDA	0.043	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-SMW-07-071823	07/18/2023	320-102688-4	R-EVE	0.033	UG/L	PQL		0.029	J	537 Modified		3535
CAP3Q23-SMW-12-071823	07/18/2023	320-102688-5	R-PSDA	0.087	UG/L	PQL		0.026	J	537 Modified		3535
CAP3Q23-SMW-12-071823	07/18/2023	320-102688-5	R-EVE	0.069	UG/L	PQL		0.028	J	537 Modified		3535
CAP1Q23-BLADEN-1D-R-021423	02/14/2023	320-96856-1	R-PSDA	0.0095	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-BLADEN-1D-R-021423	02/14/2023	320-96856-1	R-EVE	0.0044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	PFOS	0.0063	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFOS	0.0054	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q23-LTW-01-021623	02/16/2023	320-96927-3	PFOS	0.0099	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q23-PIW-7S-021523	02/15/2023	320-96926-6	PFOS	0.0064	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-LTW-01-071323	07/13/2023	320-102712-2	PFOS	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	PFOS	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 1Q23

Validation Options:

LABSTATS

Validation Reason Code: The analysis hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PMPA	0.011	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	Hfpo Dimer Acid	0.0043	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFMOAA	0.11	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-SMW-10-022323	02/23/2023	320-97134-1	PFO2HxA	0.011	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: The preparation hold time for this sample was exceeded by a factor of 2. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-10DR-071423	07/14/2023	320-102716-5	PFMOAA	51	ug/L	PQL		0.10	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydro-PS Acid	0.27	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydro-EVE Acid	0.46	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	NVHOS, Acid Form	0.63	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFMOAA	16	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-EVE	1.0	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PEPA	3.3	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO2HxA	12	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO3OA	3.8	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PFO4DA	0.44	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	R-PSDA	0.96	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hydrolyzed PSDA	0.063	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	PMPA	7.9	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7S-052223	05/22/2023	320-100782-2	Hfpo Dimer Acid	12	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydro-PS Acid	0.098	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydro-EVE Acid	0.33	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	NVHOS, Acid Form	0.99	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-EVE	0.55	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PEPA	0.95	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO2HxA	37	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO3OA	5.9	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PFO4DA	1.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	R-PSDA	0.47	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP GW Sampling 2Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hydrolyzed PSDA	0.74	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	PMPA	4.5	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-7D-052223	05/22/2023	320-100782-3	Hfpo Dimer Acid	8.8	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydro-PS Acid	0.19	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydro-EVE Acid	0.72	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	NVHOS, Acid Form	1.3	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-EVE	0.76	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PEPA	0.53	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO2HxA	48	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO3OA	11	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFO4DA	2.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	R-PSDA	0.67	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PMPA	4.6	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Hfpo Dimer Acid	19	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit but above the rejection limit. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-57-073123	07/31/2023	320-103202-10	Hydrolyzed PSDA	14	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	PMPA	9.6	UG/L	PQL		0.034	J	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	Hfpo Dimer Acid	9.2	UG/L	PQL		0.15	J	537 Modified		3535
CAP1Q23-PW-06-021423	02/14/2023	320-96856-2	Perfluorobutanoic Acid	0.010	UG/L	PQL		0.0050	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the rejection level. The reported result may be biased low.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	PFMOAA	11	ug/L	PQL		0.041	J	537 Modified		3535
CAP3Q23-PIW-1D-080223	08/02/2023	320-103526-4	PFO2HxA	9.9	ug/L	PQL		0.055	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	NVHOS, Acid Form	0.17	UG/L	PQL		0.13	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Hydro-EVE Acid	0.12	UG/L	PQL		0.024	J	537 Modified		3535
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	PFO2HxA	46	ug/L	PQL		0.69	J	537 Modified		3535
CAP3Q23-PW-01-071723	07/17/2023	320-102716-10	PFMOAA	110	ug/L	PQL		0.51	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Hydro-PS Acid	0.37	ug/L	PQL		0.044	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PPF Acid	5.2	UG/L	PQL		0.25	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFMOAA	15	ug/L	PQL		0.041	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PEPA	0.58	UG/L	PQL		0.048	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Perfluoropentanoic Acid	0.055	UG/L	PQL		0.049	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	R-EVE	0.39	UG/L	PQL		0.031	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PMPA	2.0	UG/L	PQL		0.034	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Hfpo Dimer Acid	4.0	UG/L	PQL		0.15	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFO2HxA	5.9	ug/L	PQL		0.055	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFO3OA	2.6	ug/L	PQL		0.089	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFO4DA	3.9	ug/L	PQL		0.040	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	PFO5DA	0.14	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	R-PSDA	1.5	UG/L	PQL		0.028	J	537 Modified		3535
CAP3Q23-OW-37-081023	08/10/2023	320-104266-3	Hydrolyzed PSDA	1.2	UG/L	PQL		0.027	J	537 Modified		3535
CAP3Q23-MW-27-071323	07/13/2023	320-102712-7	PFO2HxA	39	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-MW-27-071323	07/13/2023	320-102712-7	PFMOAA	91	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-BCA-01-070723	07/07/2023	320-102399-1	PFMOAA	55	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	Hydrolyzed PSDA	65	UG/L	PQL		0.068	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	PFO2HxA	83	ug/L	PQL		0.14	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	PPF Acid	69	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-BCA-03R-071123	07/11/2023	320-102509-9	PFMOAA	280	ug/L	PQL		1.0	J	537 Modified		3535
CAP3Q23-LTW-03-071223	07/12/2023	320-102527-5	PFO2HxA	49	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-LTW-03-071223	07/12/2023	320-102527-5	PFMOAA	140	ug/L	PQL		0.51	J	537 Modified		3535
CAP3Q23-LTW-04-071123	07/11/2023	320-102527-1	PFMOAA	57	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	PFO2HxA	41	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	PPF Acid	52	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-LTW-05-071123	07/11/2023	320-102509-6	PFMOAA	120	ug/L	PQL		0.51	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	Hfpo Dimer Acid	30	UG/L	PQL		0.38	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	PFO2HxA	47	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	PPF Acid	39	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-MW-13D-071023	07/10/2023	320-102399-9	PFMOAA	69	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	PFO2HxA	61	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	PPF Acid	50	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-PIW-6S-071223	07/12/2023	320-102527-6	PFMOAA	150	ug/L	PQL		0.51	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	PFO2HxA	42	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	PPF Acid	49	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	PFMOAA	140	ug/L	PQL		0.51	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	PFO2HxA	34	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PIW-8D-071123	07/11/2023	320-102509-4	PFMOAA	72	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-PW-11-070723	07/07/2023	320-102399-3	PFMOAA	54	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-PW-14-070723	07/07/2023	320-102399-4	Hfpo Dimer Acid	20	UG/L	PQL		0.38	J	537 Modified		3535
CAP3Q23-PW-14-070723	07/07/2023	320-102399-4	PFMOAA	41	ug/L	PQL		0.10	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP MW Sampling 3Q23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PW-14-070723-D	07/07/2023	320-102399-5	Hfpo Dimer Acid	18	UG/L	PQL		0.38	J	537 Modified		3535
CAP3Q23-PW-14-070723-D	07/07/2023	320-102399-5	PFMOAA	41	ug/L	PQL		0.10	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	Hydrolyzed PSDA	79	UG/L	PQL		0.068	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	PFO2HxA	67	ug/L	PQL		0.14	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	PPF Acid	58	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-PW-15R-070723	07/07/2023	320-102399-6	PFMOAA	230	ug/L	PQL		0.51	J	537 Modified		3535

DVM Narrative Report

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 8/23

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
004-EFF-081523	08/15/2023	320-103835-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 7/23

Validation Options:

LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
004-INF-0723-2	07/05/2023	320-102255-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0723-2	07/05/2023	320-102255-1	Hydrolyzed PSDA	11	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0723-2	07/05/2023	320-102255-1	R-EVE	0.57	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-080823	08/08/2023	320-103481-1	R-PSDA	0.90	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-080823	08/08/2023	320-103481-1	Hydrolyzed PSDA	8.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-080823	08/08/2023	320-103481-1	R-EVE	0.47	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

DVM Narrative Report

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 9/23

Validation Options: LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit. The actual detection limits may be higher than reported.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
004-EFF-0923-2	09/12/2023	320-104824-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0923-2	09/12/2023	320-104824-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 9/23

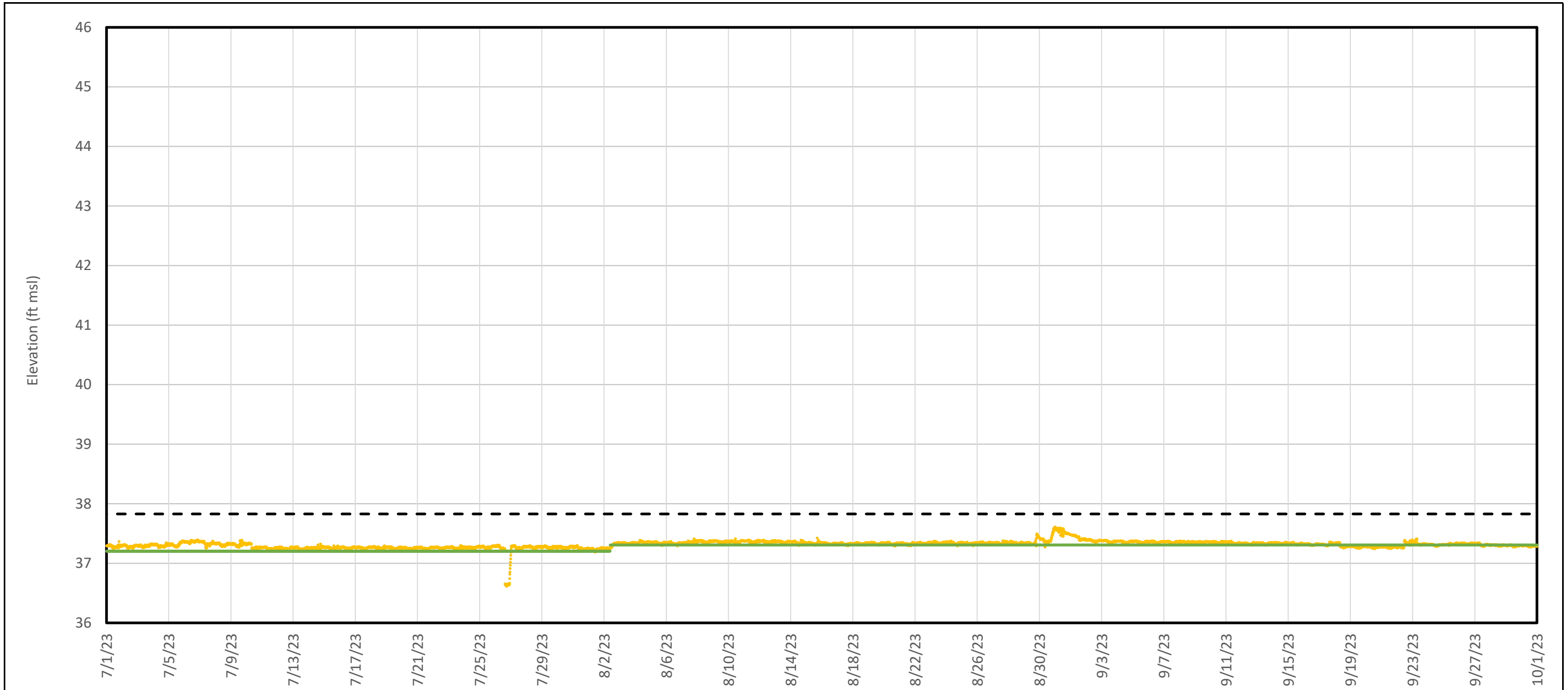
Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
004-INF-0923-2	09/12/2023	320-104824-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0923-2	09/12/2023	320-104824-1	Hydrolyzed PSDA	11	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0923-2	09/12/2023	320-104824-1	R-EVE	0.57	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Appendix B

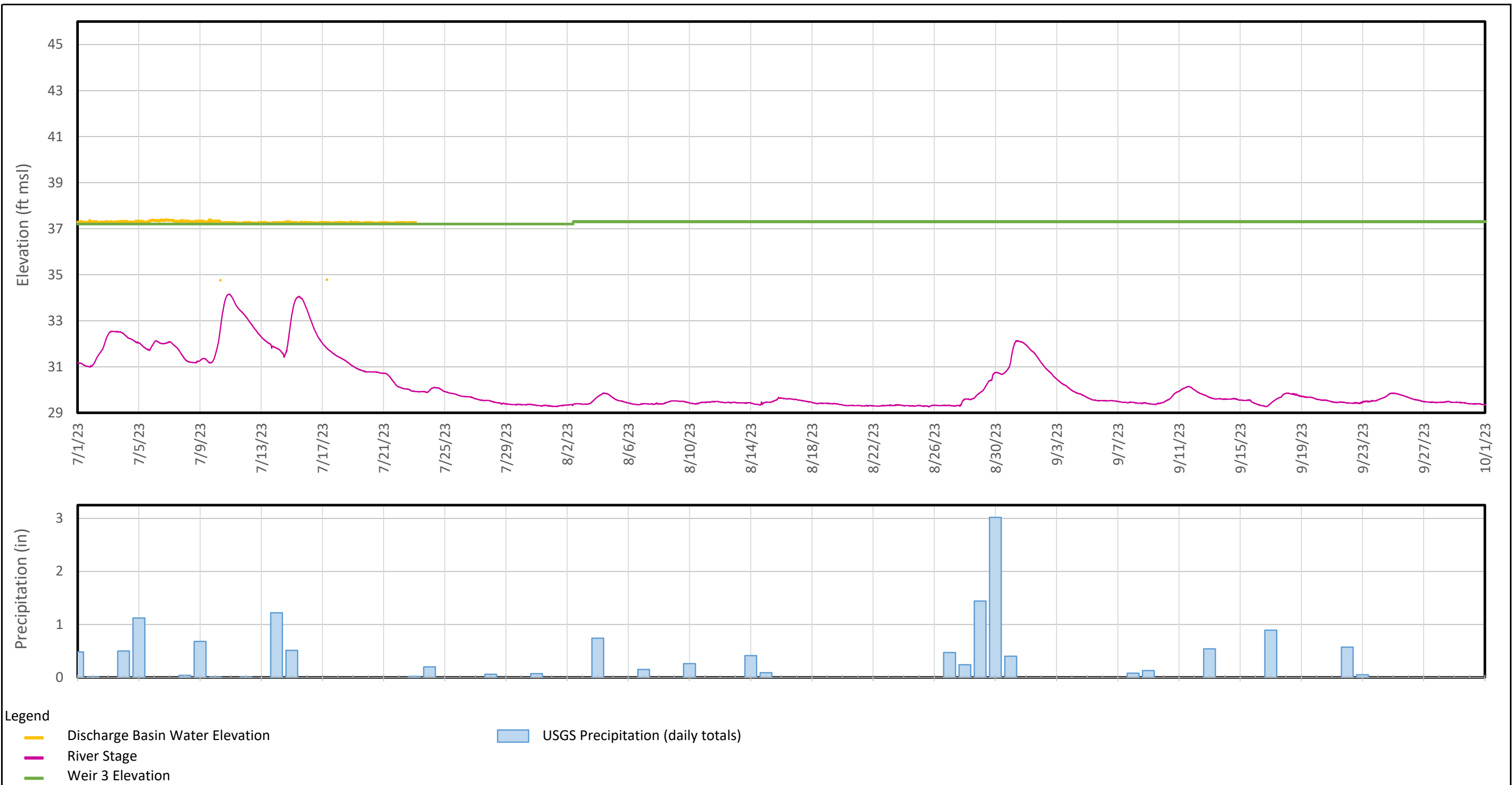
FTC Transducer Data Reduction



- Legend**
- Discharge Basin Elevation
 - Weir 3 Elevation
 - - - GAC Elevation

Notes:
 GAC - granular activated carbon
 Figure B1-A shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure B1-A	




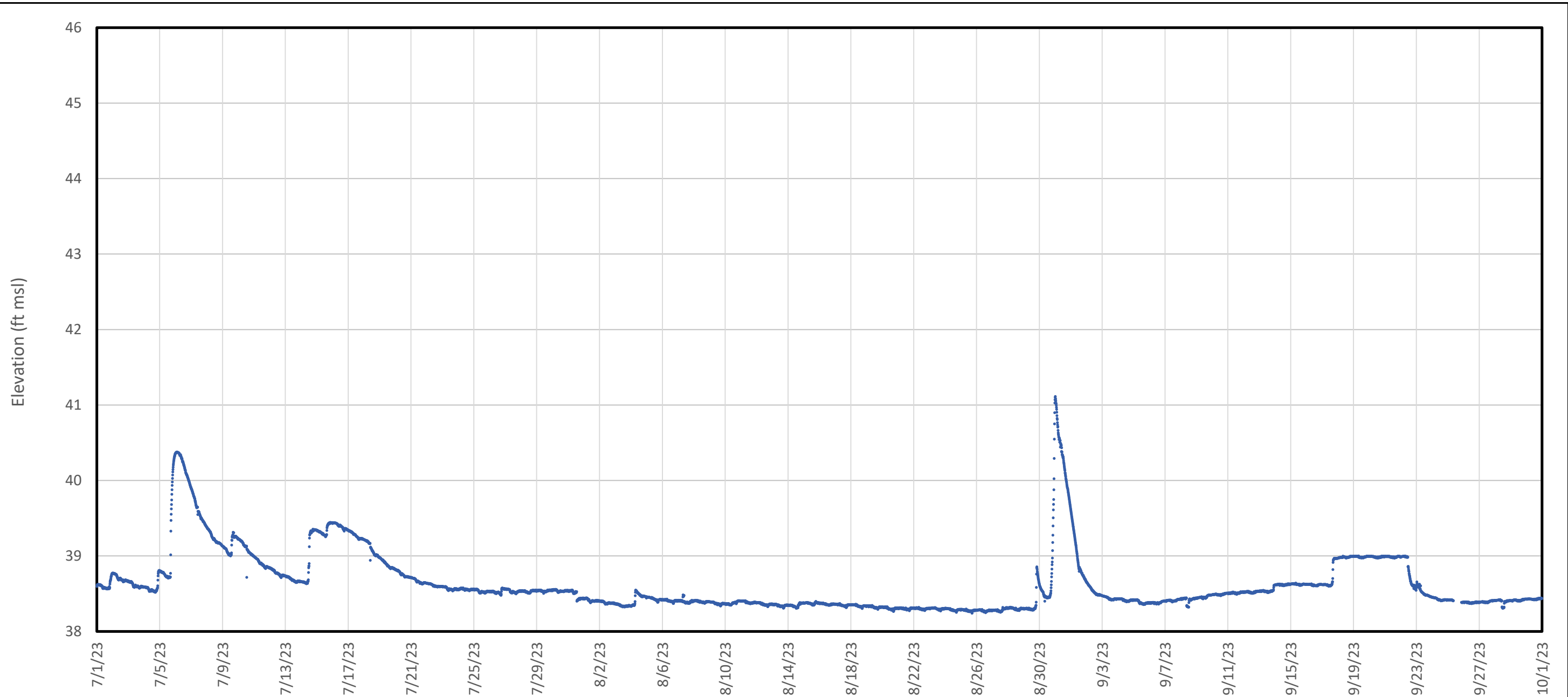
Legend

- Discharge Basin Water Elevation
- River Stage
- Weir 3 Elevation
- █ USGS Precipitation (daily totals)

Notes:

As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure B2-A compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Discharge Basin Water Elevation and External Forcings - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure B2-A	



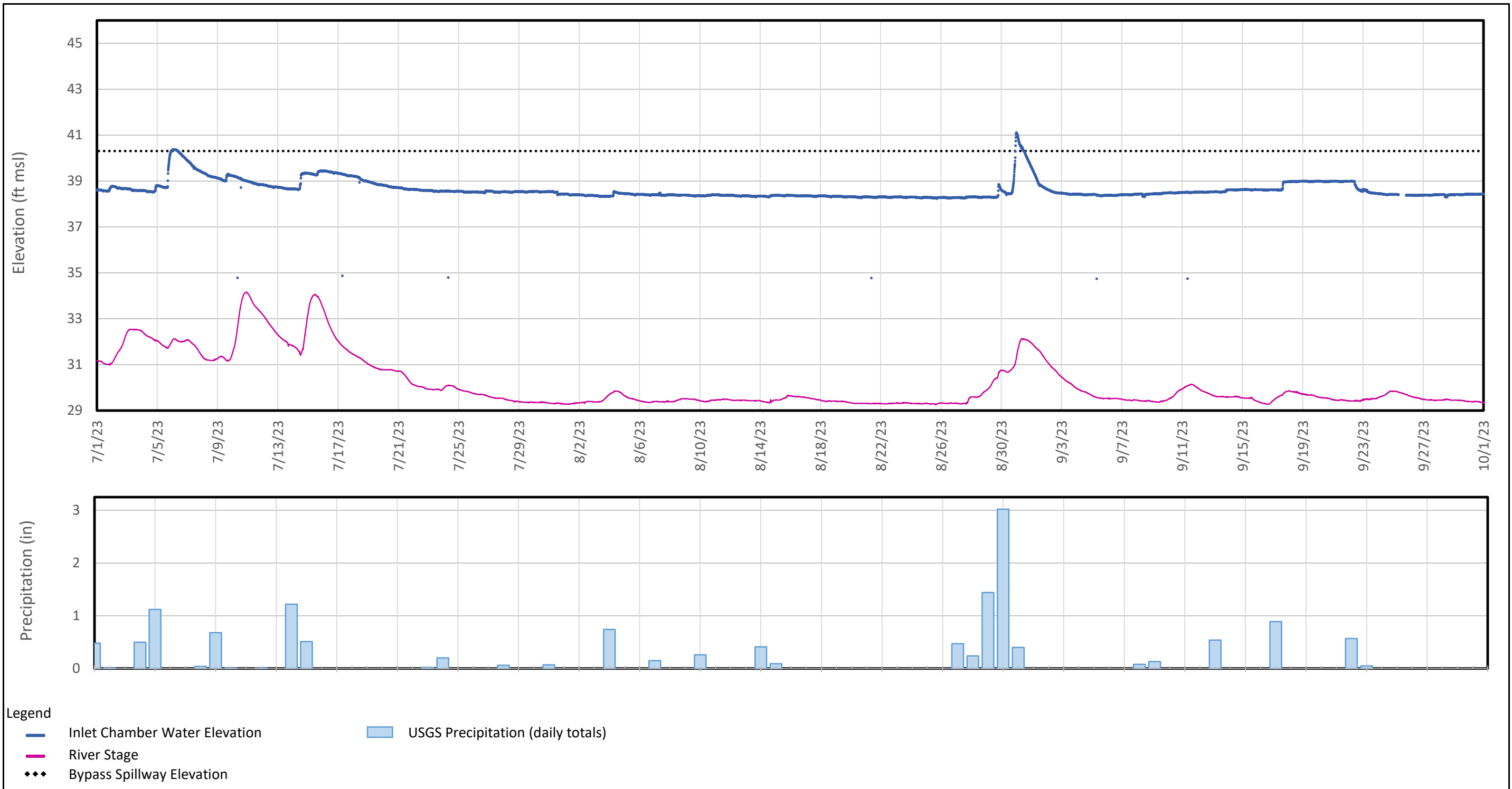
Legend

— Inlet Chamber/Impoundment Elevation

Notes:

Figure B3-A shows the influent transducer data that was collected during the reporting period.

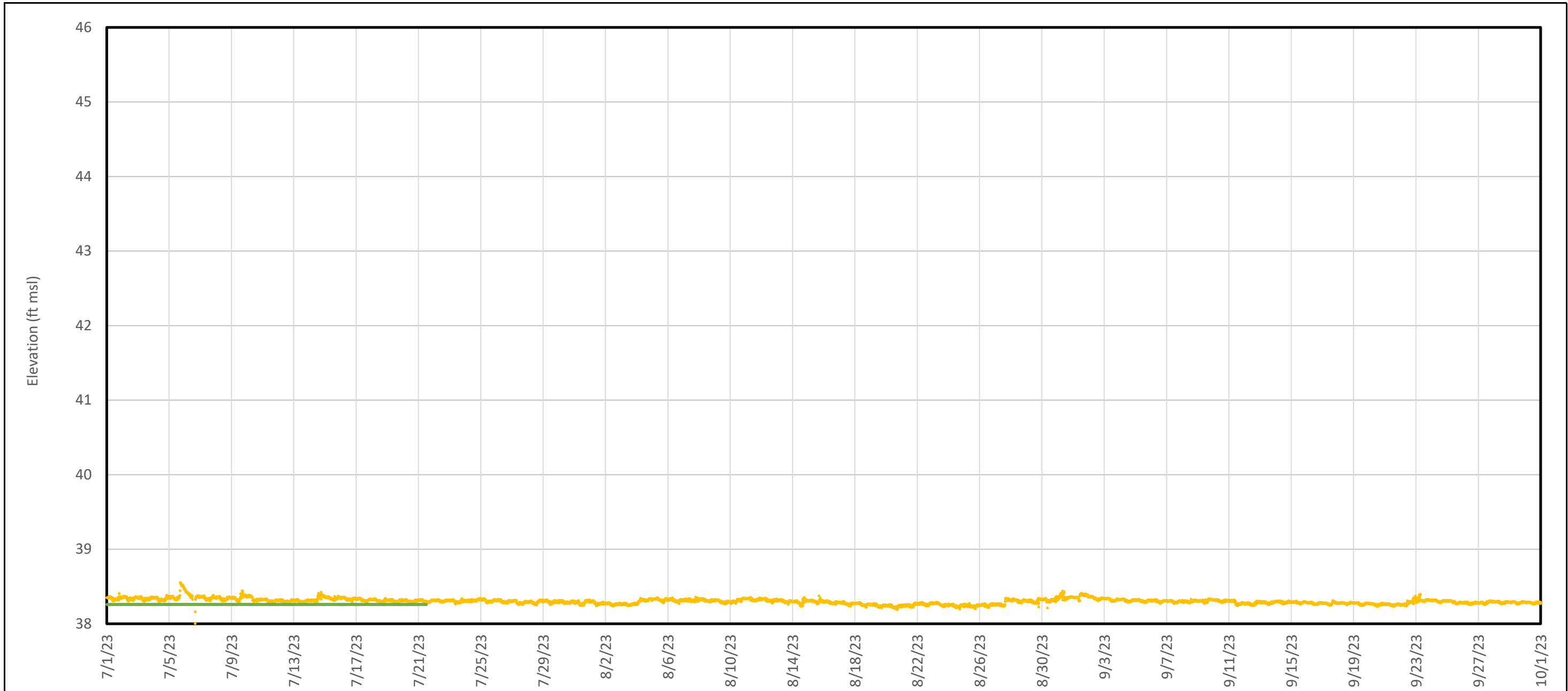
Inlet Chamber Water Elevation - Seep A Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure B3-A	



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure B4-A compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Inlet Chamber Water Elevation and External Forcings - Seep A Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023

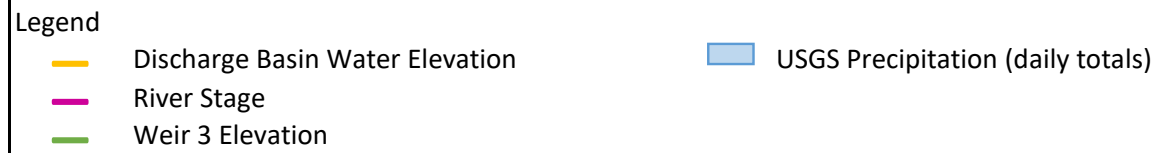
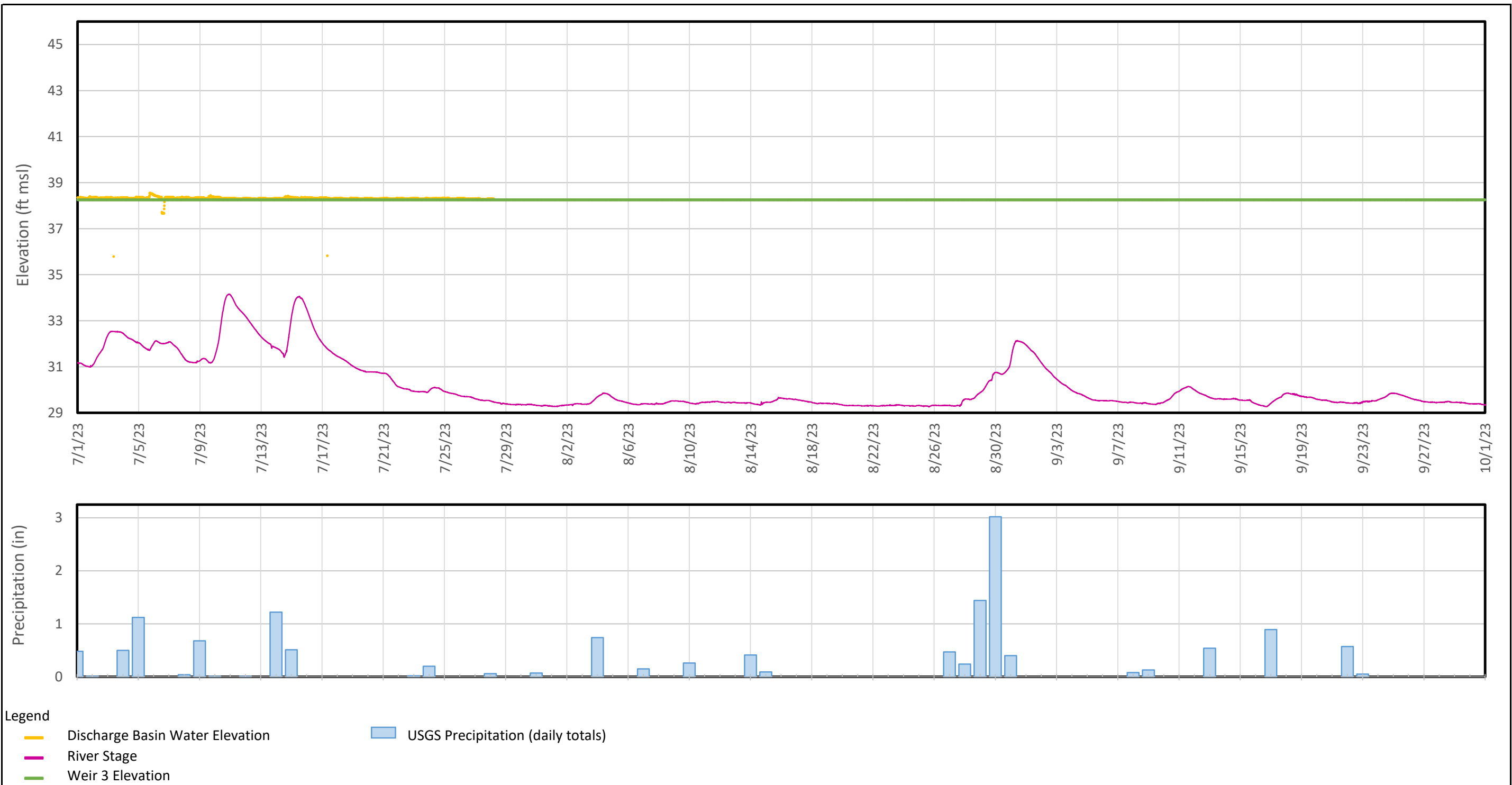
Figure B4-A




- Legend
- Discharge Basin Elevation
 - Weir 3 Elevation
 - GAC Elevation

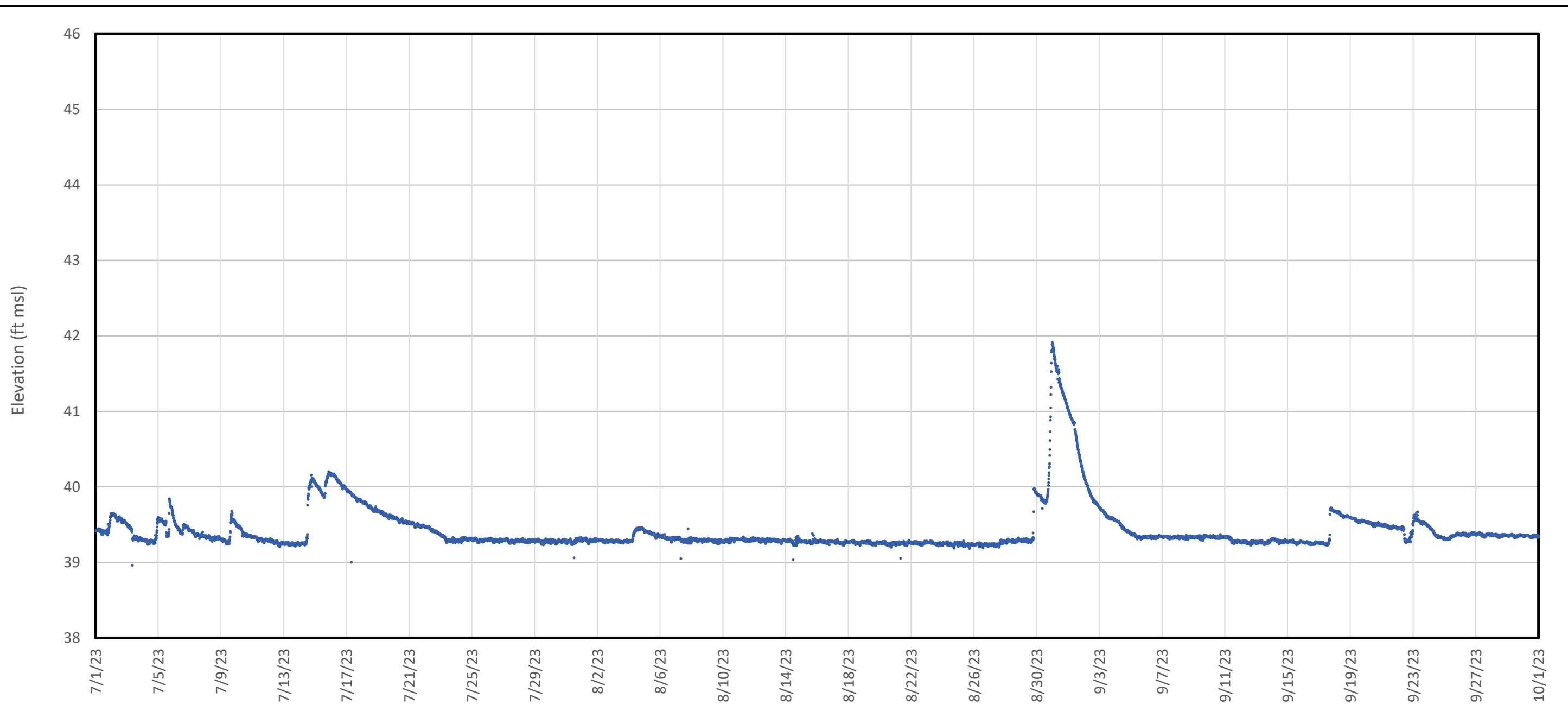
Notes:
GAC - granular activated carbon
Figure B1-B shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Figure B1-B
Raleigh, NC	December 2023



Notes:
 As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure B2-B compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

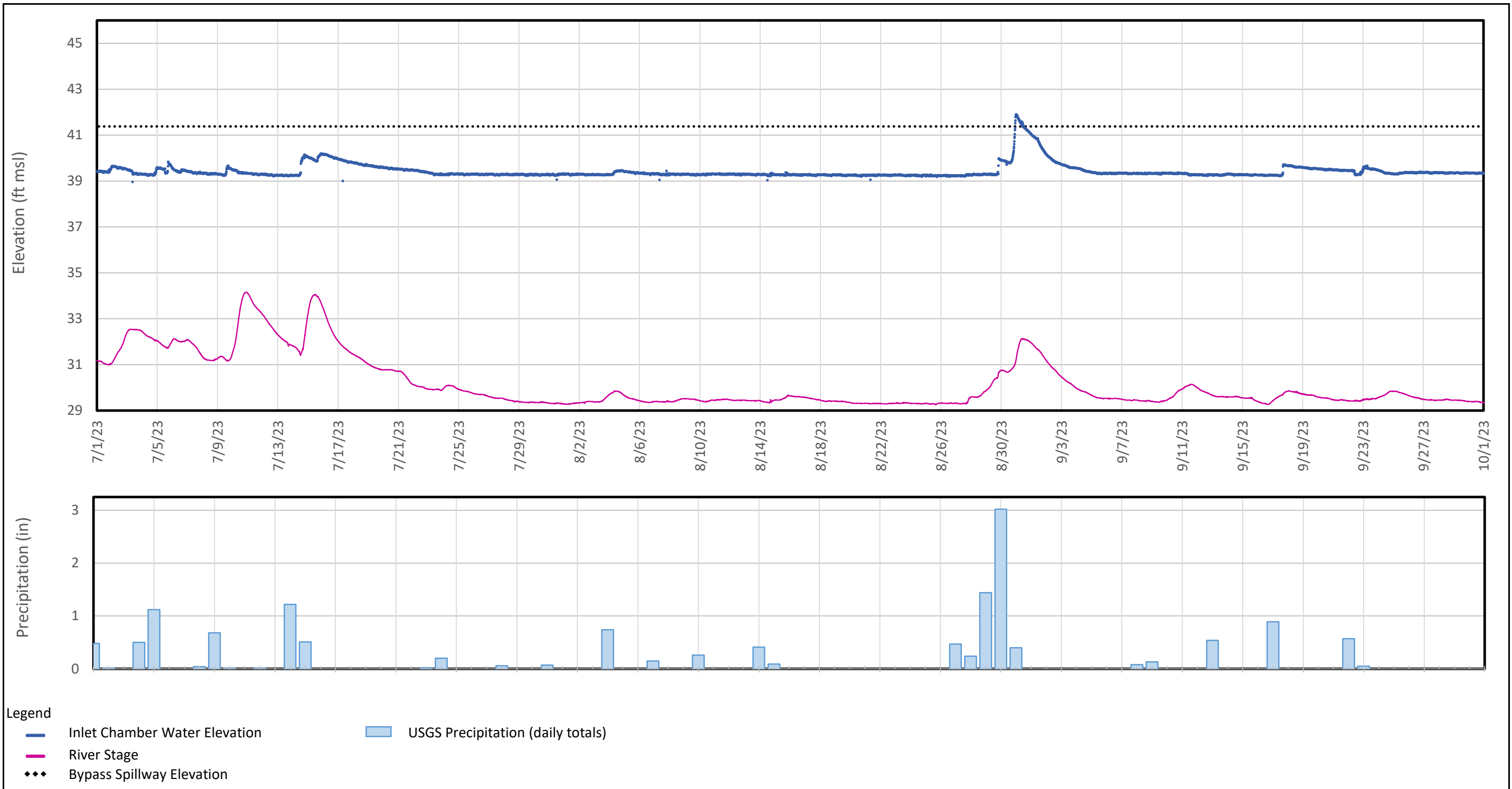
Discharge Basin Water Elevation and External Forcings - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
 Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure B2-B	



Legend
— Inlet Chamber/Impoundment Elevation

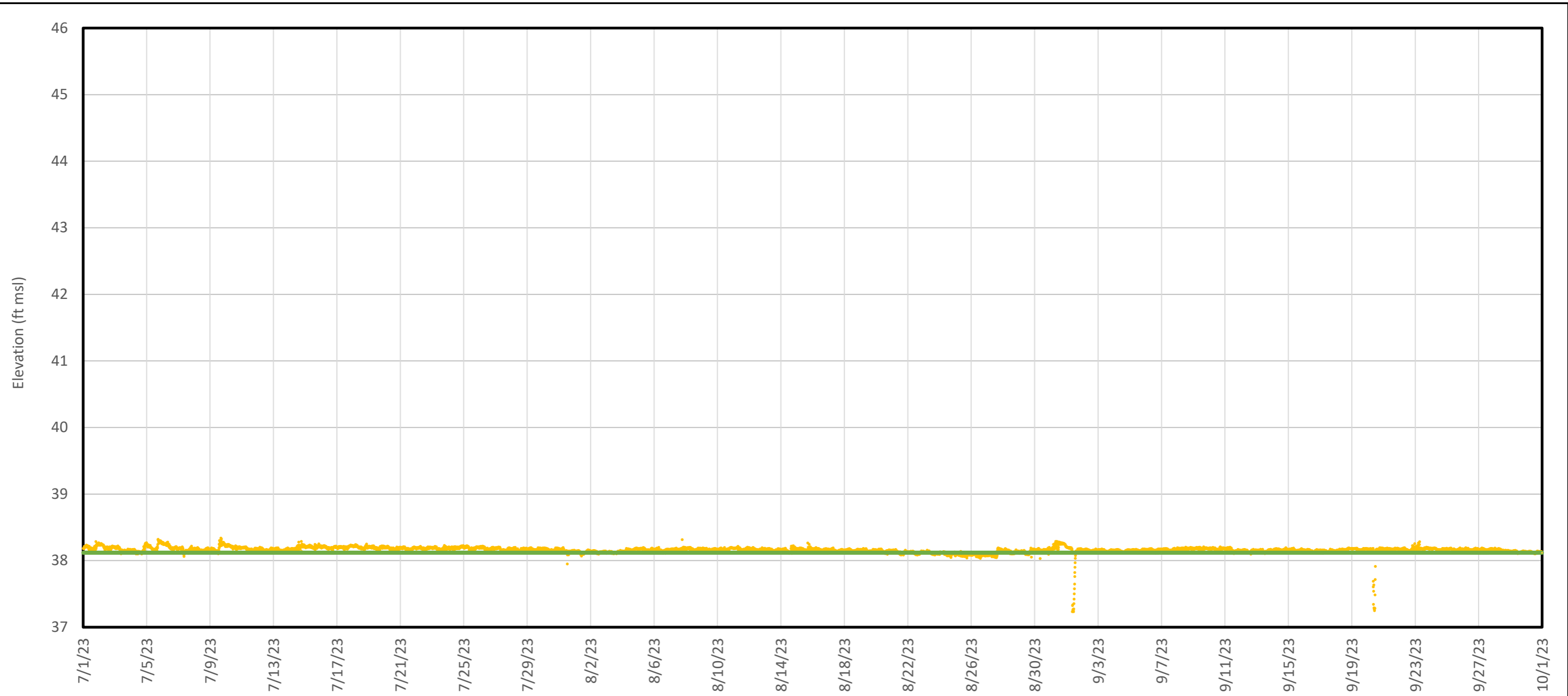
Notes:
Figure B3-B shows the influent transducer data that was collected during the reporting period.

Inlet Chamber Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2023
Figure B3-B	



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure B4-B compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Inlet Chamber Water Elevation and External Forcings - Seep B Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure B4-B	



Legend

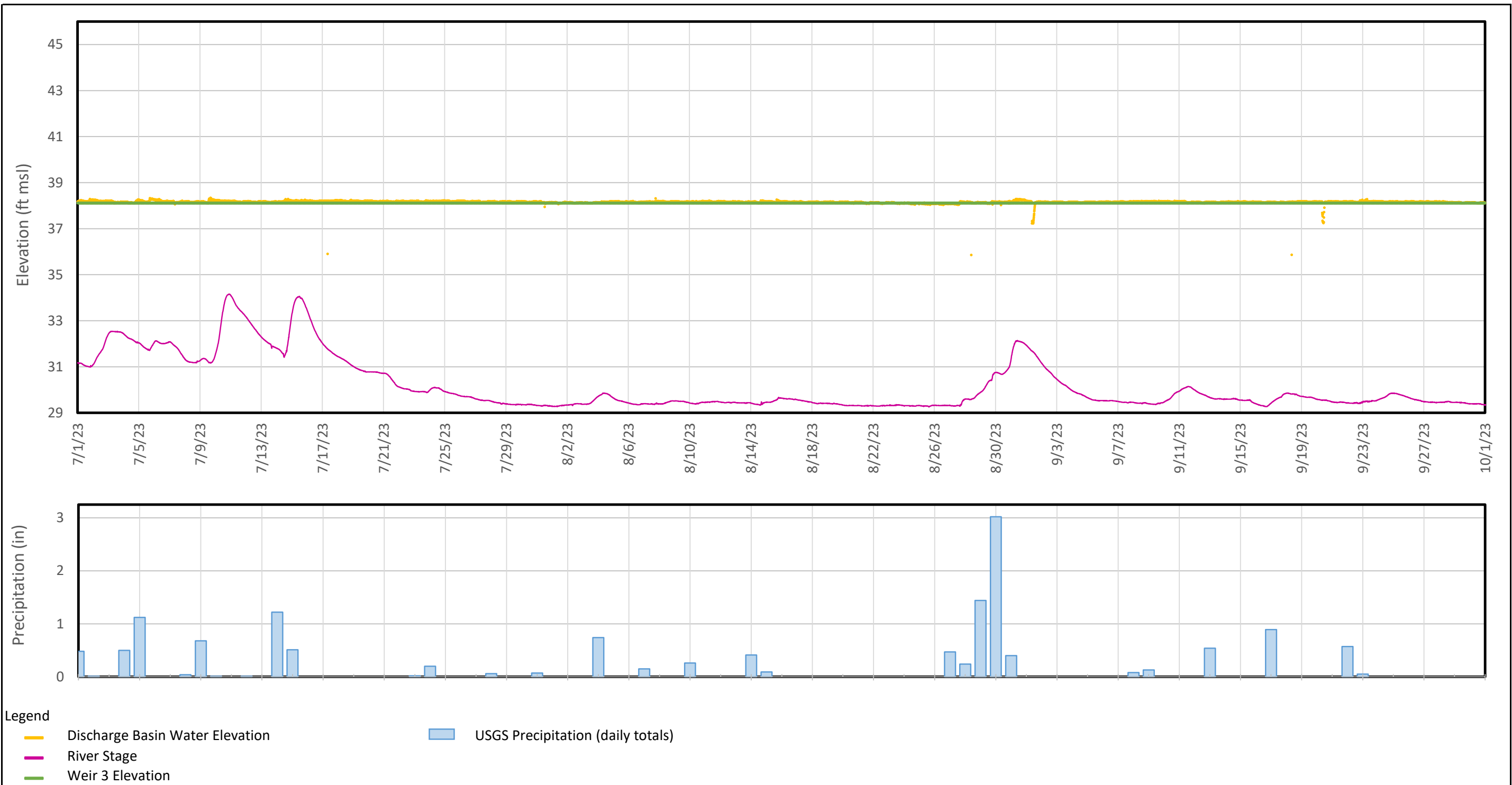
- Discharge Basin Elevation
- Weir 3 Elevation
- - - GAC Elevation

Notes:

GAC - granular activated carbon

Figure B1-C shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. <small>NC License No: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure B1-C	



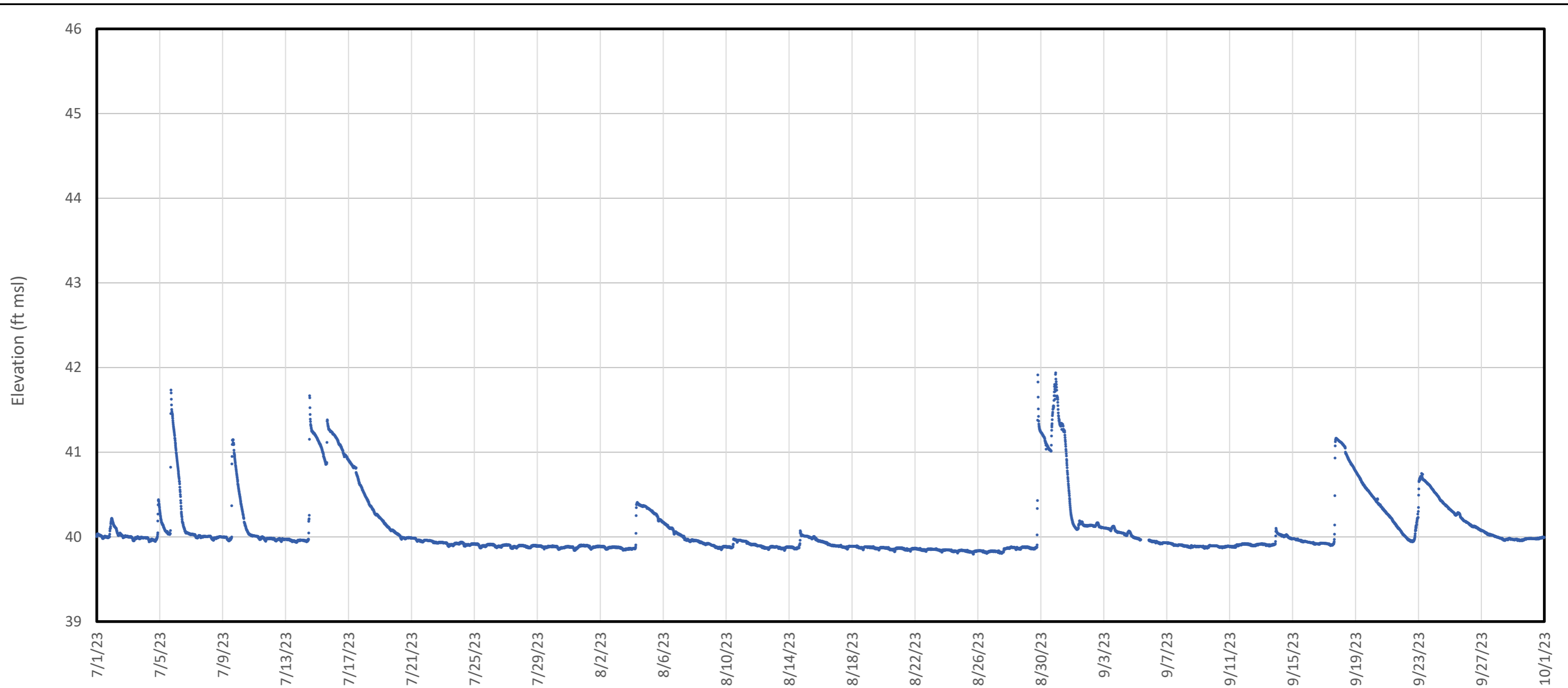
Legend

- Discharge Basin Water Elevation
- River Stage
- Weir 3 Elevation
- █ USGS Precipitation (daily totals)

Notes:

As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure B2-C compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Discharge Basin Water Elevation and External Forcings - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
 <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure B2-C
Raleigh, NC	December 2023



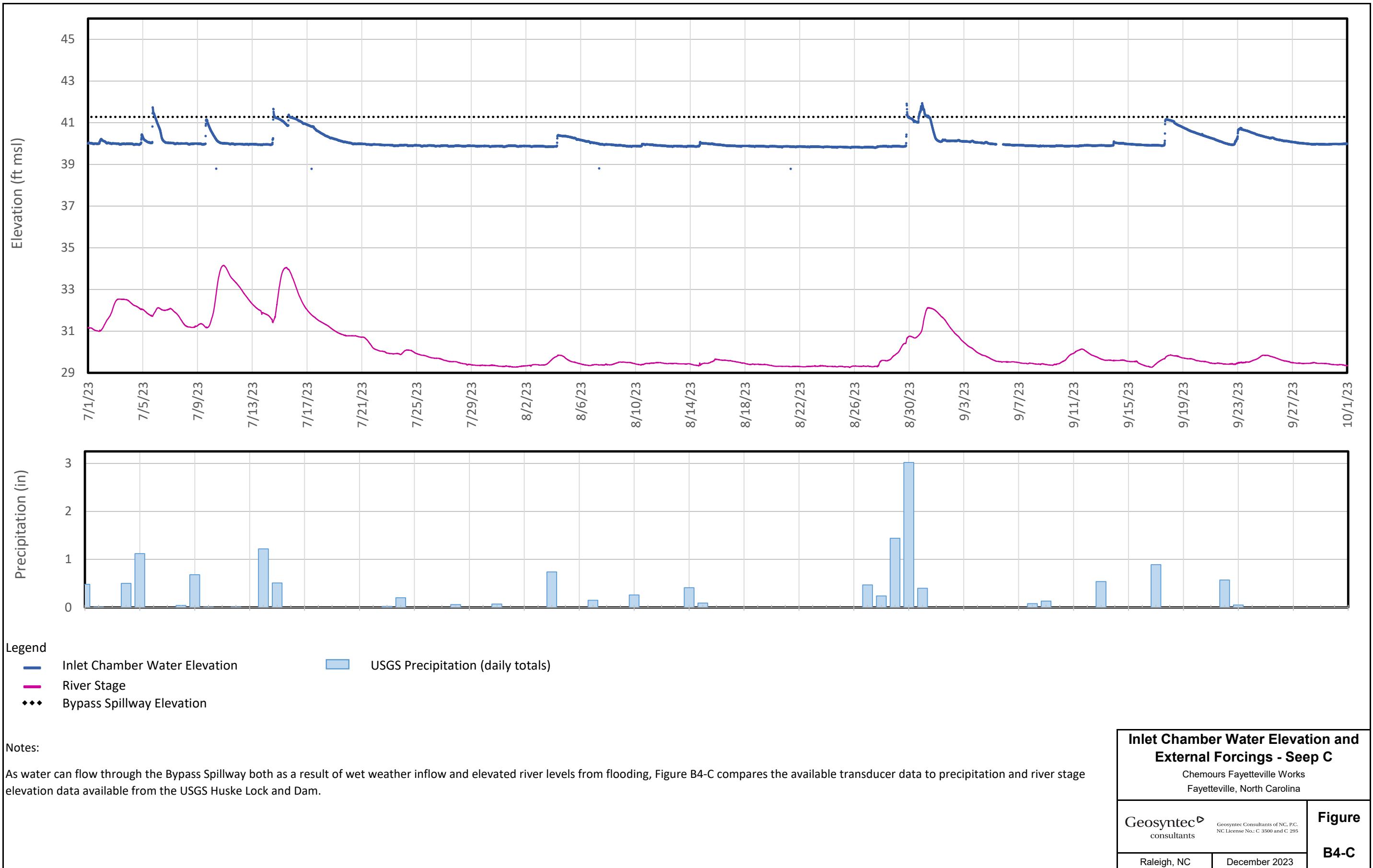
Legend

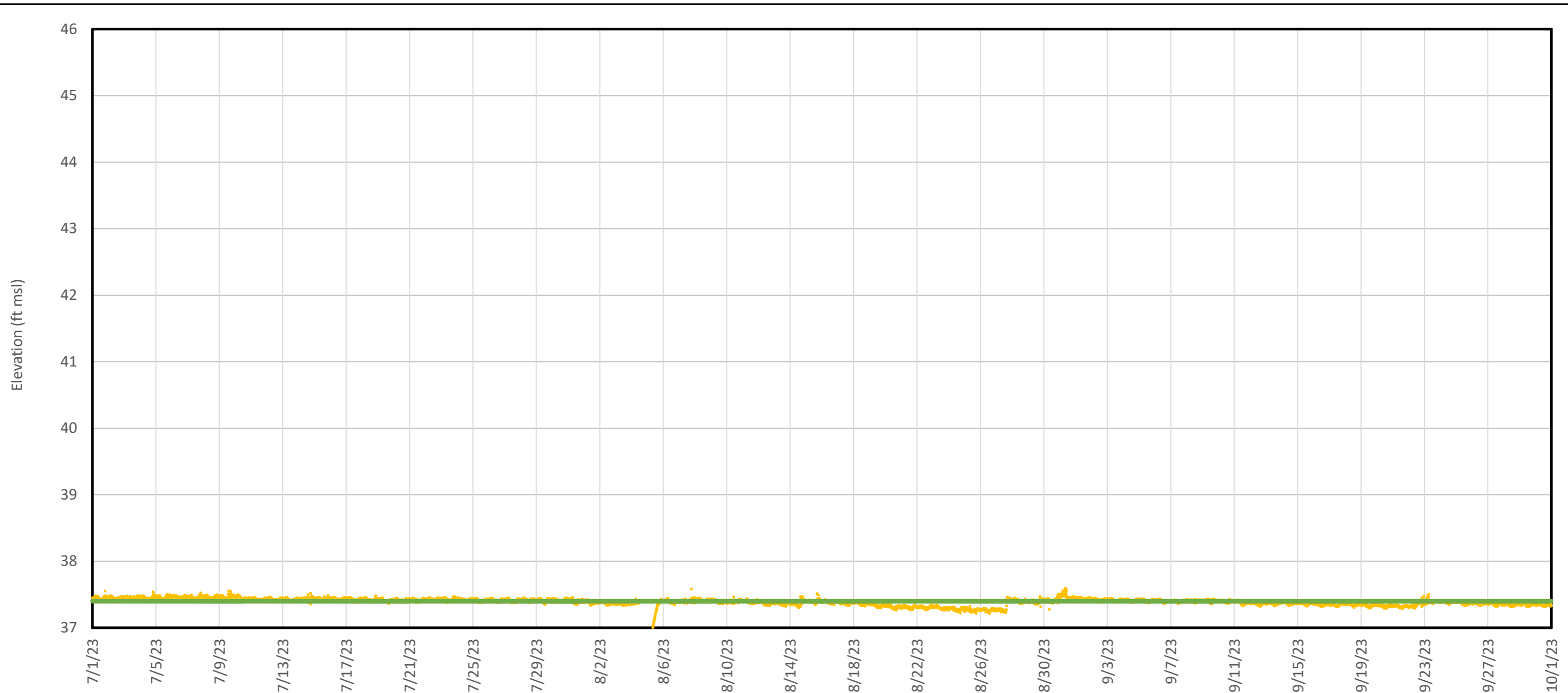
— Inlet Chamber/Impoundment Elevation

Notes:

Figure B3-C shows the influent transducer data that was collected during the reporting period.

Inlet Chamber Water Elevation - Seep C Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure B3-C	





Legend

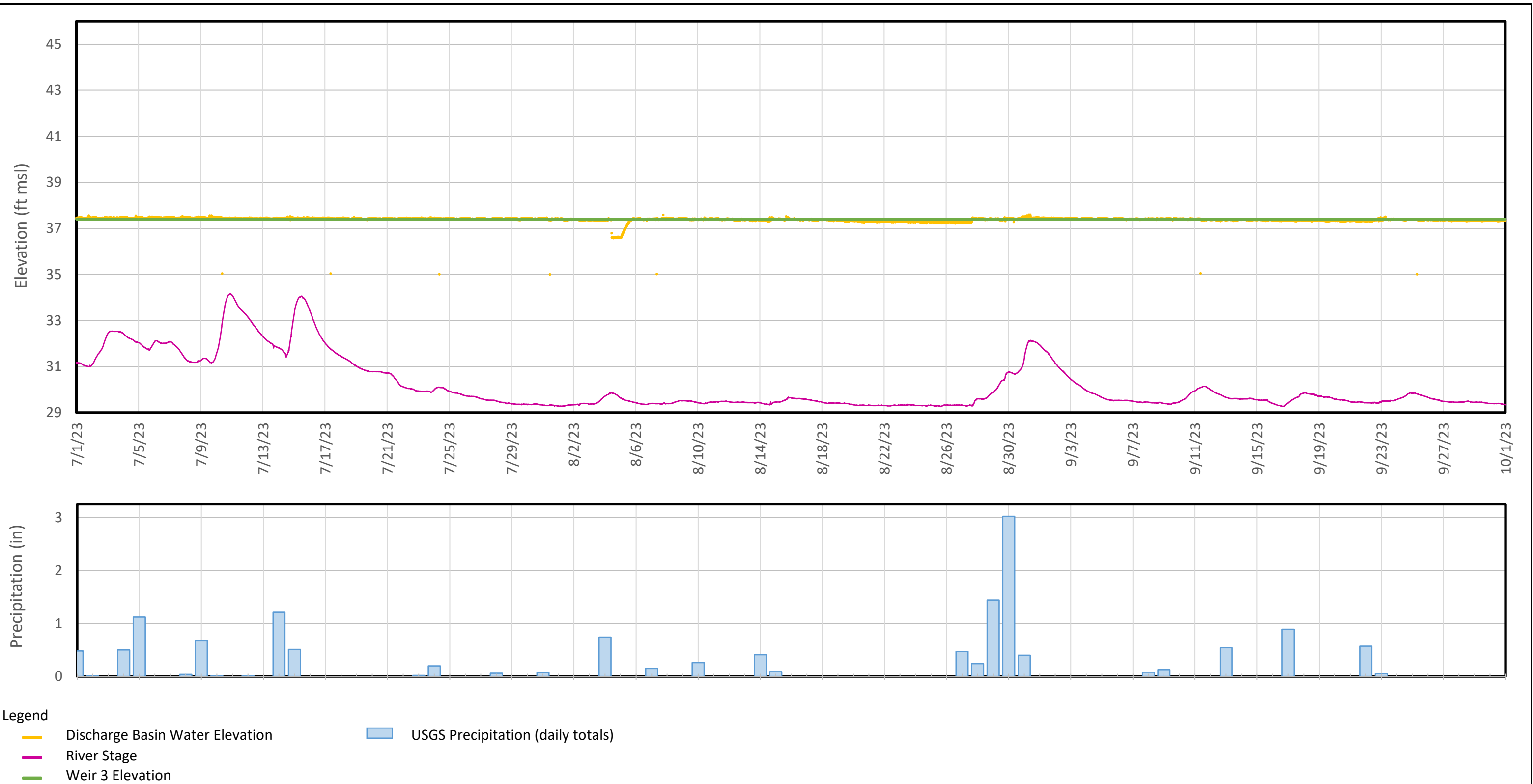
- Discharge Basin Elevation
- Weir 3 Elevation
- - GAC Elevation

Notes:

GAC - granular activated carbon

Figure B1-D shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. <small>NC License No: C 3500 and C 295</small>
Raleigh, NC	December 2023
Figure B1-D	

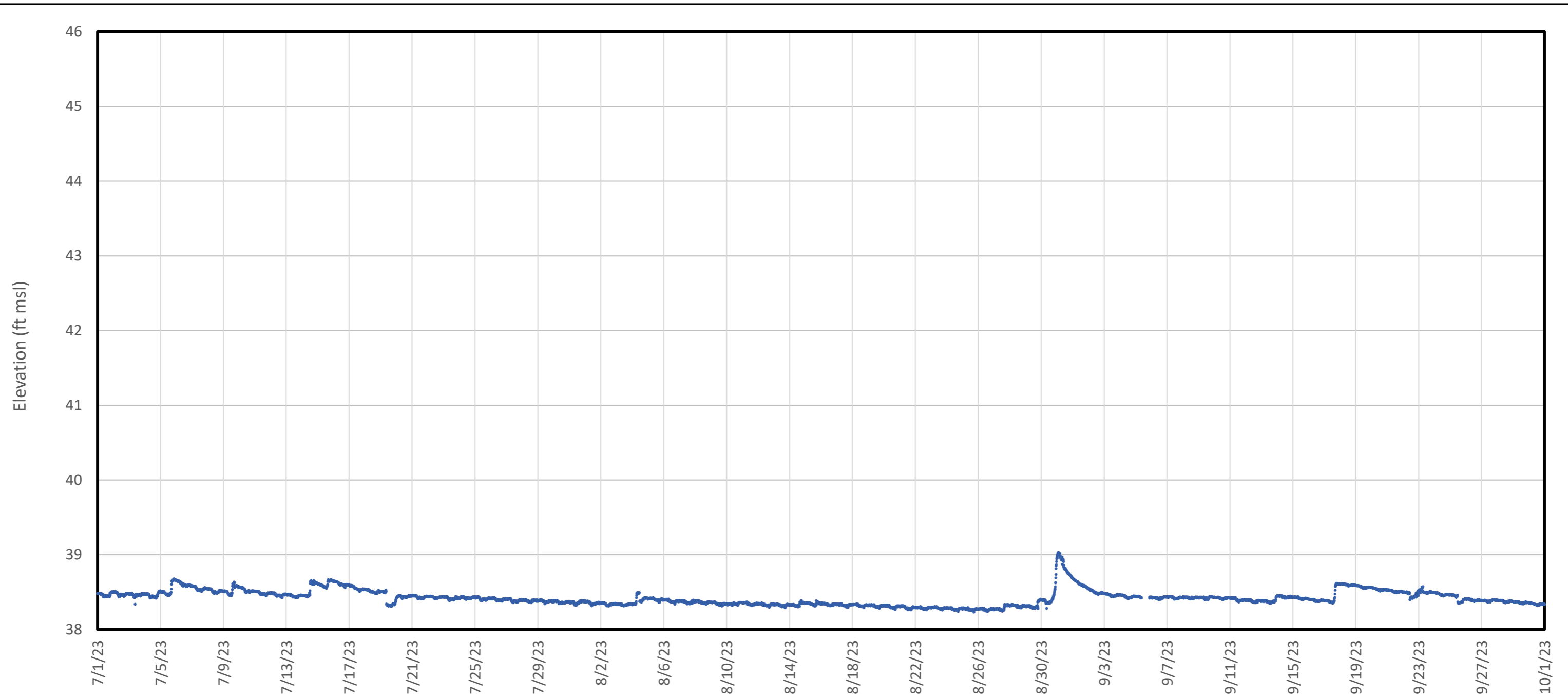


Legend

- Discharge Basin Water Elevation
- River Stage
- Weir 3 Elevation
- █ USGS Precipitation (daily totals)

Notes:
 As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure B2-D compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Discharge Basin Water Elevation and External Forcings - Seep D		Figure B2-D
Chemours Fayetteville Works Fayetteville, North Carolina		
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	
Raleigh, NC	December 2023	



Legend

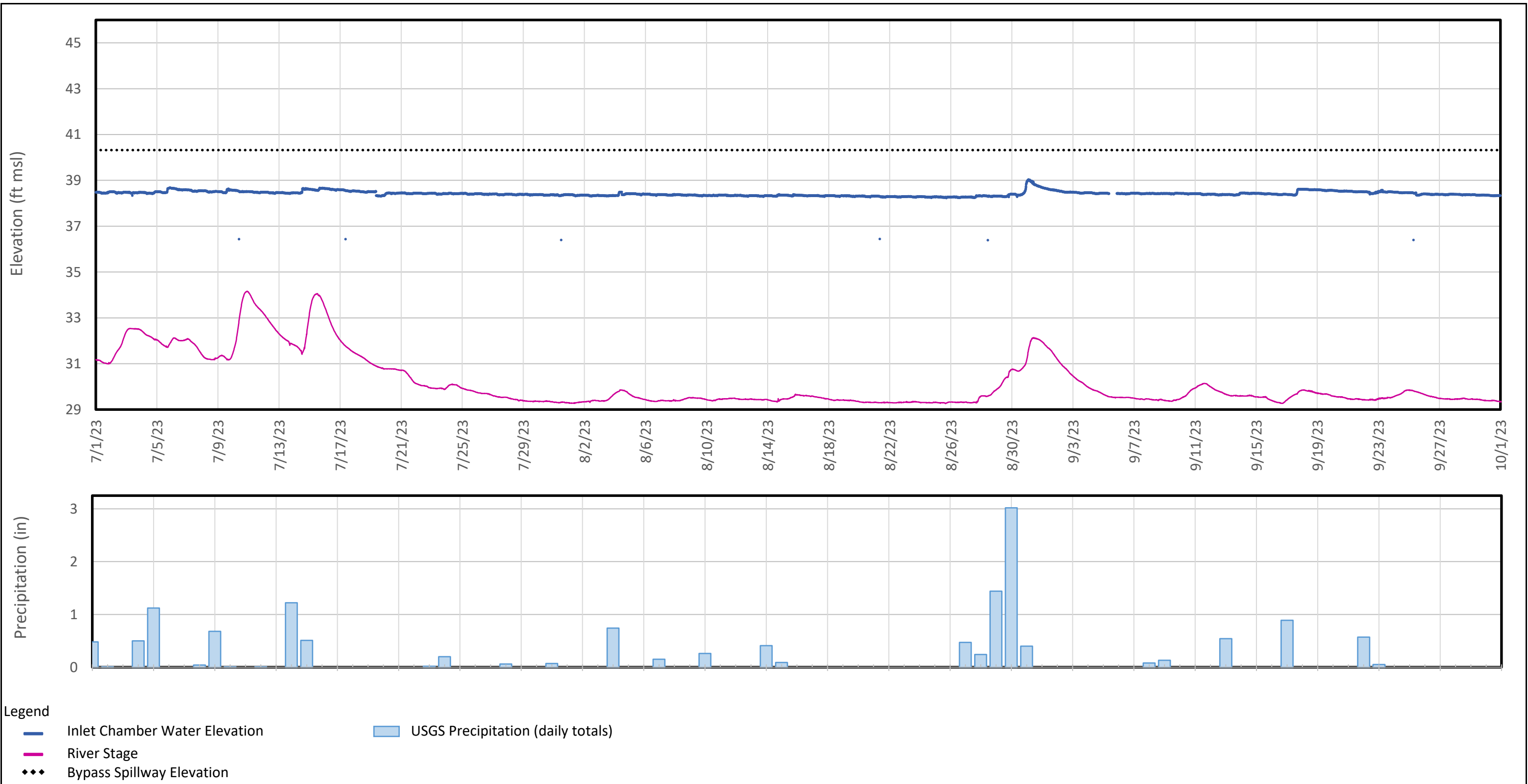
— Inlet Chamber/Impoundment Elevation

Notes:

Figure B3-D shows the influent transducer data that was collected during the reporting period.

<p>Inlet Chamber Water Elevation - Seep D</p> <p>Chemours Fayetteville Works Fayetteville, North Carolina</p>	
<p>Geosyntec[®] consultants</p>	<p><small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small></p>
<p>Raleigh, NC</p>	<p>December 2023</p>

**Figure
B3-D**



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure B4-D compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Inlet Chamber Water Elevation and External Forcings - Seep D Chemours Fayetteville Works Fayetteville, North Carolina		Figure B4-D
Geosyntec consultants <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>		
Raleigh, NC	December 2023	