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CFR Long-Term Remedy Performance Monitoring Report #2

April – June 2023

Chemours Fayetteville Works

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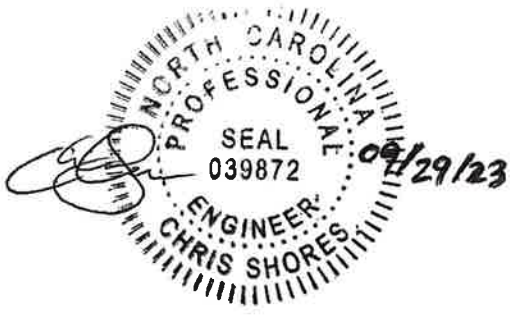

EXECUTIVE SUMMARY

This CFR Long-Term Remedy Performance Monitoring Report #2 ("Report")[1] has been prepared for the Q2 2023 period of April 1 through June 30, 2023 and documents the continued operation of the interim seep Flow-Through Cells (FTCs), the groundwater extraction and conveyance system (GWEC), and the groundwater treatment plant (GWTP); the commissioning and startup of the ex-situ seeps and weeps capture systems ("Ex-Situ Capture Systems"); and the completion of the barrier wall. 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 (Apr-Jun 2023)		Cumulative through June 2023	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	21	16	399	605
004 Treatment Plant	69	86	94	128
Ex-Situ Capture Systems	*2.4*	*Included in 004*	*2.4*	*Included in 004*
GWEC	*66.3*	*Included in 004*	*92.0*	*Included in 004*
Total (Interim FTCs + 004)	**90**	**102**	**494**	**733**

Flow into the interim FTCs decreased significantly in this reporting period (a 59% reduction compared to the previous year, Q2 2022, and a 43% reduction compared to Q1 2023) due to the effects of the long-term remedy. It is noted that operations and maintenance staff in Q2 2023 periodically pumped water from the impoundment basins of the FTCs directly into the lead filter bed to enable flow during no-flow conditions (See Section 2.1.5 for details). As a result of this pumping for maintenance, flows through the FTC may appear artificially higher than true baseflow conditions, as some water may have been pumped through the FTCs that would not have otherwise entered the system. As such, overall reduction in flow in 2Q 2023 is likely greater than the percentages reported here.

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 49 to 56% (June 2023 as compared to historical data through December 2022). This reduction in concentration is attributed to the barrier wall cutting off

[1] Report #1 was titled "Groundwater and Seeps Remediation Report". This report name has been adjusted per NCDEQ request.

upgradient groundwater flow, and the overall water balance into the FTCs becoming more dominated by wet weather flow. This trend will continue to be monitored in future quarters. The interim FTCs removed approximately 99.5% of PFAS (Total Table 3+, 17 Compounds) from this reduced flow.

The 004 GWTP removed greater than 99% of PFAS[2] 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 Mass Loading Model (MLM) program, submitted for the same reporting period concurrent to this Report (Geosyntec, 2023b).

The Cape Fear River flooded early in the reporting period (April 9) and this event also demonstrated the hydraulic separation created by the barrier wall. Black Creek aquifer monitoring wells downgradient of the wall (i.e., closer to the river) indicated a pressure response from the flooding, whereas wells upgradient of the installed barrier wall were not affected. This flood event was also evident in the Willis Creek extraction wells, demonstrating connectivity between the aquifer unit and surface water in this area. 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 over 9 feet of groundwater elevation reduction observed in monitoring wells.

[2] As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyaceticacid (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 #2 ("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 #2 has been prepared for the period of April 1 through June 30, 2023, which included the operation of two remedy components that were installed pursuant to COA Paragraph 3.b: the groundwater extraction and conveyance (GWEC) system, and the groundwater treatment plant (GWTP). This report period also included the commissioning and startup of the Ex-Situ Seeps and Weeps capture systems ("Ex-Situ Capture Systems") on April 20, pursuant to COA Paragraph 2.c.i, and the completed installation of the barrier wall on June 11, pursuant to COA Paragraph 3.b. The interim in-situ flow-through cells (FTCs), which were previously documented in bimonthly reports, 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.

1.1 Overview of Reporting Period

The previous Report #1 provided background information on permitting, and an overview of the GWEC and GWTP construction process. These two components began full-time operation on March 14, 2023 and were operational through the Q2 2023 reporting period. Various monitoring and sampling activities were conducted during the reporting period, as summarized in Table 1-1.

The following sections provide a summary discussion of the construction, commissioning, and startup of the Ex-Situ Capture Systems and the completion of the barrier wall.

1.1.1 Ex-Situ Capture Systems

The Ex-Situ Capture Systems were constructed at the following locations:

- Seep A
  - Weep 7 located nearby is tied into the Seep A basin
- Seep A Tributary
  - Weeps 9, 10, and 11 located nearby are tied into the Seep A Tributary wet well
- Seep B

- Willis Creek Tributary
- Weep 3
- Weep 4
    - This capture location also collects water from the trench drain at the 004 GWTP, when necessary

At the time of this report, there were no other flowing weeps to capture.

The Ex-Situ Capture Systems began operating on April 20, 2023. The FTCs continued to operate through this construction and commissioning process and treat seep water, and have remained operational since April 20, albeit at a reduced flow state. The Ex-Situ Capture Systems pump seep water into the Ex-Situ forcemain which directs the collected water into the surge pond shown on Figure 1-1. Per the design, these systems operate once per day, if needed, and pump out the accumulated water in each capture basin into the surge pond.

The 004 GWTP withdraws water from the surge pond intermittently, based on the rate of accumulation which is dependent on seasonal baseflow rates and weather events. The GWTP system began withdrawing water from the surge pond on May 25, 2023. Through the reporting period, the Ex-Situ Capture Systems pumped approximately 2.4 million gallons (MG) of seep flow into the surge pond, and the GWTP treated approximately 2.1 MG of surge pond water. The remaining 0.3 MG of seep water in the surge pond was withdrawn by the GWTP in early Q3 2023.

1.1.2 Barrier Wall

As discussed in Report 1, the barrier wall construction was initiated in the vicinity of Seep B (near EW-40) and proceeded in a northerly direction towards the utility corridor (i.e., in the vicinity of Seep A Tributary, near EW-16). The trencher reached this northern limit of the barrier wall alignment on March 22 and was then repositioned at the Seep B starting location, which took approximately one week. Starting March 29, the trencher proceeded southward from Seep B, and reached the southern end of the alignment on June 11.

1.2 Data Validation

Analytical data for the data collected during the Q2 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.

The laboratory additionally noted that some samples were received outside the required temperature criteria due to shipping delays. Due to the thermal stability of the analytes (PFAS and

Total Suspended Solids), analysis of the samples proceeded, and data qualification was not deemed necessary. This is noted in the DVM narrative reports (Appendix A) for the following:

- 320-99466-1
- 320-100818-1
- 320-101646-1
- 320-101647-1
- 320-102205-1
- 320-102206-1

2 IN-SITU SEEP FLOW-THROUGH CELLS

The in-situ FTC remedies have been in operation beginning with Seep C since December 2020. Reporting of FTC performance has previously been on a bimonthly period, with the most recent Interim Seep Remediation Operation and Maintenance (Seeps O&M) Report #14 (Geosyntec, 2023a) covering the period of March 1 through April 2023. As discussed in Section 1, the FTC performance data have been incorporated in this Report for a comprehensive evaluation of groundwater and seep remedy components.

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 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 after 0.5 inches or greater rain events within a 24-hour period. 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 April 1 through June 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	31	60	91
B	87	4	91
C	24	67	91
D	91	0	91

2.1.3 FTC Management During River Flooding

During the reporting period, the Cape Fear River rose above the action level[3] from April 9 through 13, 2023. The autosamplers at Seeps A-D were stopped on April 9 and removed from the FTCs due to the impending Cape Fear River flooding. The autosamplers were replaced on April 14 after the Cape Fear River receded. 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:

[3] 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.

Seep	Filter Bed	GAC Changeouts		
		Date	GAC Age/Lead Days	GAC Removed (lbs)
B	FB2	4/6/2023	59/56	27,000
B	FB2	4/20/2023*	14/14	27,000
C	FB1	4/27/2023*	91/41	9,000
A	FB1	5/3/2023	74/43	18,000
C	FB1	6/23/2023	57/0	9,000
C	FB2	6/23/2023	100/59	9,000
			Total	*99,000*

**On these dates, the GAC changeout included replacement of the fabric beneath the GAC layers.*

2.1.5 Issue Resolution and System Optimization

The FTC operations team continued to employ optimization tools previously developed and reported on, notably consisting of filter skids and backflushing techniques. 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. During these no-flow conditions, to enable processing of water and prevent bacterial growth, O&M personnel pumped water from the impoundment into the lead filter bed, which was successful in mitigating bacterial interference and maintaining flow through the FTCs, thus preserving the transmissivity of the GAC.

In the future, O&M personnel will transition to batch mode operation of some or all FTCs, in which the inlet weir (or inlet header valve) is 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.

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 Q2 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, C, and D. 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. Eleven sets of breakthrough monitoring samples were collected from Seep A, twelve sets at Seep B, fifteen sets at Seep C, and eleven sets at Seep D during this reporting period (49 total).
Rain Event Monitoring	Wet weather monitoring samples were analyzed for Table 3+ PFAS, as outlined in the *Interim Seep Remediation System Plan* (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.

- Before the completion of the composite sampling on April 28, 2023, the autosampler for the Seep A influent malfunctioned, resulting in the collection of fewer aliquots (318) than planned (336).
- Before the completion of the composite sampling on April 28, 2023, the autosampler for the Seep C effluent malfunctioned, resulting in the collection of fewer aliquots (318) than planned (336).

Wet Weather Sampling Deviations

The Seep D influent sample was not collected during the wet weather sampling event completed on May 28, 2023. There was an operational malfunction of the influent autosampler that interrupted the collection of aliquots, which was not identified until one day later.

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)	11.56 *(April 1 – June 30, 2023)*				
Rainfall, Historical Average (inches)	11.63 *(April 1 – June 30, 2004-2020)*				
River Above Spillway (days) [1]	0.8	0.7	2.3	0.91	N/A
Median Flow Rate (gpm)	53	32	24	44	153
Seep Volume Treated (MG)	7.4	4.3	3.6	5.6	20.9
PFAS Removed (lbs)* [2]	5.7	5.3	1.7	3.5	16.2

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 Flowrate

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. Note that these flowrates are no longer compared to the design basis flowrates, as the long-term groundwater remedy has significantly altered the hydrogeology of the downgradient area of the site.

Flowrate Metric	Seep A	Seep B	Seep C	Seep D
Median Flow Rate (gpm) during the Reporting Period	53	32	24	44
95th percentile Flow Rate (gpm) during the Reporting Period	123	106	79	92

Using the measured and extrapolated flowrate calculations, approximately 7.4 MG, 4.3 MG, 3.6 MG, and 5.6 MG of water (20.9 MG total) were treated by the Seeps A, B, C, and D FTCs, respectively, from April 1 through June 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 as long as more than a week. These instances of low/no flow in the FTC were confirmed during inspections by the O&M personnel.

Additionally, as discussed in Section 2.1.5, O&M staff periodically pumped water from the impoundment basins of the FTCs directly into the lead filter bed to enable flow during no-flow conditions. As a result of this pumping for maintenance, flows through the FTC may appear artificially higher than true baseflow conditions, as some water may have been pumped through the FTCs that would not have otherwise entered the system. As such, overall reduction in flow in 2Q 2023 is likely even greater than reported here.

The reductions in flow are attributed to the operation of the groundwater extraction system, the commissioning of the ex-situ seep capture ponds, and the completed installation of the barrier wall.

Bypass Flow

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 April was approximately 4.66 inches, which is approximately 50% greater than the monthly historical average of 3.13 inches. The total rainfall received in May was 1.63 inches (50% less than historical average of 3.63 inches), and in June was 5.27 inches (similar to historical average of 4.87 inches). Overall, for the three-month period, the total rainfall received (11.56 inches) was similar to the historical average (11.63 inches).

In April, the heavy rains and flooding of the Cape Fear River caused bypass at Seeps A to D. The only other instance of bypass at a seep during the three-month reporting period was at Seep C in June, caused by a period of heavy 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.

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. A reduction in Influent concentration into the FTCs has been observed 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). In June 2023, the last month of this reporting period, the average Influent concentrations ranged from 49,000 to 120,000 ng/L. At FTCs A, B, and C, where the barrier wall installation progressed the most by June 2023, the Influent concentration was reduced by 49 to 56%. 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 flow. This trend 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)	94,000	173,000	59,000	76,000
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	947	1,417	212	302
Average Removal Efficiency (%)	99.0	99.2	99.6	99.8

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**
April	99.3	98.8	99.5	99.9
May	98.8	99.5	99.7	99.9
June	98.4	99.1	99.7	99.0
Overall Average	*99.3*			

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 effluent sample collected from Seep D on May 28 did not have a contemporaneous influent sample, it was omitted from statistical calculations; however, since the sample had only limited detections of PFAS compounds, if it were compared to historical data, it would not appreciably affect the calculation.

Analytical Result – Wet Weather Monitoring	**Seep A**	**Seep B**	**Seep C**	**Seep D**
Average Influent Total Table 3+ PFAS, 17 compounds (ng/L)	106,000	157,000	66,000	82,000
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	940	837	377	637
Average Removal Efficiency (%)	99.2	99.5	99.4	99.3

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. Beginning on April 9, the river rose above the discharge weir and bypass spillway at all four FTCs and receded below these features by April 14. On April 16, due to additional rain, the river rose again, this time only above the discharge weir elevations of Seeps A and D, as these two systems are installed in lower-lying areas than B and C. The changes in elevation of the Cape Fear River during the reporting period (April 1 through June 30, 2023) 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 0.7 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 1.2°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 −52.6 and 14.7 microsiemens per centimeter (µS/cm). The difference between influent and effluent samples was considerably higher at Seeps A, B and D for the April 9 sampling, ranging from −1,209 to -54 µS/cm. The influent specific conductivity at these three seeps on April 9 was elevated as compared to the remaining report period, likely due to the coinciding rain event at the time the measurements were collected. 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 7.2 to 7.6, and the median effluent pH ranged from 6.9 to 7.9 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 0.1, 0.2, 0.6, and −0.7 SU, respectively.

- **Turbidity:** The median turbidity of the influent water at Seeps A-D ranged from 16.8 to 259.8 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 1.7 to 15.5 NTU.

- **TSS:** The median influent TSS at Seeps A-D ranged from 7.2 to 74.0 mg/L. Median effluent TSS at Seeps A-D was either not detected or was detected in minimal concentrations (4 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. At the time of this report, there were no other flowing weeps to 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 FTCs continued to operate through the Ex-Situ Capture System construction and commissioning process and treat seep water, and have remained operational since, albeit at a reduced flow state. Pumping of captured water from ex-situ seep and weep locations to the surge pond was initiated on April 20. Beginning May 25, the GWTP started treating water from the surge pond. Capture systems were routinely inspected per GEOServices' O&M Plan but maintenance was not required during this reporting period.

3.2 Data Collected

Beginning May 25, daily volume conveyed from the surge pond to the 004 Treatment Plant was recorded by Veolia. Instrumentation and telemetry at each individual capture system was under construction during this reporting period. Beginning on June 22, flow data from the Willis Creek Tributary, Seep A, Seep A Tributary, Seep B, and Weep 3 totalizers was manually noted. In Q3 2023 it is anticipated that flow data at a 15-minute frequency from these locations will begin to be automatically collected via the telemetry network.

3.3 Results

Table 3-1 shows the daily volume conveyed from the surge pond to the 004 Treatment Plant (May 25 through June 30) and totalizer volumes conveyed from Willis Creek Tributary, Seep A, Seep A Tributary, Seep B, and Weep 3 (June 22-23 and June 27-30). During this reporting period, approximately 2.4 MG of captured water was pumped from the seep and weep capture locations to the surge pond and approximately 2.1 MG was conveyed from the surge pond to the 004

Treatment Plant. The remaining 0.3 MG of seep water in the surge pond was withdrawn by the GWTP in early Q3 2023.

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

A subset of the GWEC system was tested in 24/7 operation mode in February 2023 and the full system began operating 24 hours 7 days a week on 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

On April 12, 2023, post-startup samples were collected from 65 out of the 68 EWs for laboratory analysis of PFAS with Table 3+ and Environmental Protection Agency (EPA) Method 537 MOD. EW-44, EW-46, and EW-64 could not be sampled because these wells were consistently dry. For QA/QC purposes, three duplicate EW samples and one equipment blank were collected.

4.3 Results

4.3.1 Groundwater Extraction

The GWEC system extracted approximately 66.3 MG during the reporting period, 5.2 MG from surficial aquifer wells and 61.1 MG from Black Creek aquifer wells. The average extraction rate during the reporting period was approximately 505 gallons per minute (gpm). This was an approximate 5% decrease from the previous reporting period of 534 gpm, which is attributed to declining 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 June, the average Willis Creek EW pumped about 3.9 gpm, whereas the average EW in the Southern Alignment pumped about 7.7 gpm). This is consistent with previous work at the site (Geosyntec, 2021 and Geosyntec, 2022) which indicates the aquifer sands in this area are generally much thinner, less connected, and less transmissive than aquifer sands in the Southern Alignment.

4.3.2 Analytical Results

The PFAS analytical results for the post-startup EW sampling are provided in Table 4-4 and shown on Figure 4-1A-C. The Total Table 3+ (17 Compounds) concentration of the dataset ranged from 6,000 to 350,000 ng/L, with an approximate median value of 100,000 ng/L (note that this is not weighted by flow rate, and thus not representative of the combined influent received by the GWTP). The highest EW PFAS concentrations are generally in the mid-section of the alignment, in the vicinity of Seeps A and B, which is consistent with previous assessment activities at the Site, including the pre-pumping sampling event that was conducted in Q1 2023. The notable difference between the pre-pumping and post-pumping data is EW-63, which did not have PFAS detected above reporting limits in February but was 98,000 ng/L for Total Table 3+ (17 compounds) in April. The February result was likely anomalous at this location.

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 compounds[4] 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 obtained 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 68.6 MG over the reporting period. The average daily flow rate for this duration was 524 gpm. This is similar in magnitude to the previous period (534 gpm in Q1 2023) and is attributed to the slight reduction in GWEC flow, offset by the new withdrawals from the surge pond in late May.

[4] As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyaceticacid (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 130,000 to 160,000 ng/L. PFAS constituents were not detected above laboratory reporting limits in effluent samples, indicating at least 99% removal, 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 April 25, May 9, and June 13) 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 (Q2 2023) was 86 lbs. In the previous period (Q1 2023), 42 lbs of PFAS was removed. Therefore, the amount of PFAS removed from commissioning through June 30, 2023 is 128 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)
April	23.0	130,000	24.9
May	23.1	160,000	30.9
June	22.5	160,000	30.1
Q2 2023 Total	68.6	N/A	85.9

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

Monthly gauging events of 66 observation wells (OWs) was performed on April 20, May 23, and June 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, during the final GWEC commissioning and about one week prior to the March 14 operational startup. The transducers record groundwater elevation every 15 minutes and are downloaded monthly.

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 not sampled in Q2. The following PMP wells will be installed in Q3 2023 after construction access is viable post-barrier wall installation and will be sampled after development: OW-04, 32, 37, 51.

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). These MLM wells were sampled from May 17 through 25, 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, 2023b). WC-1, WC-2, and WC-3 were sampled on May 12, 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+.

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 will be deployed on an annual basis for analysis of Darcy groundwater flux, and the first deployment post-startup will be conducted when hydraulic head measurements indicate the System has been effective at reducing hydraulic gradients downgradient of the barrier wall. Based on monthly gauging data in the Q1 and Q2 periods, the first deployment was scheduled for early August 2023. Results will be included in the Q3 report due December 31, 2023.

6.2 Results

6.2.1 Hydraulic Head

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 affect 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

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 high-river event in April (84th percentile) that was performed approximately two weeks after a flood event while the river was still receding. The April gauging data is therefore likely impacted, at least in part, by the river which can act to reverse the hydraulic gradient to be inwards towards the remedy. These data can be useful in certain evaluations (e.g., evaluating the separation achieved by the barrier wall), while in others it can potentially confound the evaluation (e.g., interpreting potentiometric surface in the Willis Creek segment). The interpretations below discuss the flooding event in more detail. The May and June gauging events (39th and 47th percentiles) are considered typical conditions.

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%
4/20/2023	Post-Startup (Q2)	33.14	84%
5/23/2023	Post-Startup (Q2)	29.86	39%
6/21/2023	Post-Startup (Q2)	30.19	47%

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

Table 6-1 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; it does not appear that these rain events resulted in changes to groundwater elevations, as expected. Similar to Report 1, Table 6-1 shows that widespread drawdown in the Black Creek aquifer was observed, with a median reduction in elevation of approximately 15.6 feet in wells within 200 feet upgradient of the barrier wall. This is a significant increase in magnitude compared to Q1 (roughly double), which is attributed to the continued installation of the barrier wall and separation of the aquifer. The surficial aquifer data in Table 6-1 indicates mounding of between 2.7 and 5.4 feet in OW-34 and OW-35, and slight reduction in elevation at OW-36 of 0.6 feet. These results are similar to Report 1 and indicate stabilized water levels in the surficial aquifer upgradient of the barrier wall.

In the previous report, drawdown data were relied upon to evaluate the general impact of pumping, since the barrier wall was less than 50% complete in that reporting period. However, as remedial operations continue, the viability of the January 2023 baseline data set will become more limited, since seasonal conditions can affect sitewide groundwater elevations. Additionally, with the completed installation of the barrier wall, the influence of pumping downgradient of the barrier wall is intentionally limited, and the performance of the barrier wall segment can be evaluated instead with an analysis of the reduction in groundwater flux to the river. As shown in Figures 6-1A-C, the groundwater elevation data from Table 6-1 has been used to generate 7 gradients downgradient of the wall, with plots of the baseline data (August 17, 2022 and January 30, 2023 in greyscale) compared to the April, May, and June gauging events (in green, blue, and red, respectively). The gradient data demonstrate the following:

- The inward gradient towards the remedy caused by the April river flooding is evident in most transects, for example Transect 1, which shows the groundwater elevation in OW-28 near the river is approximately 3 feet higher than OW-50 which is just downgradient of the wall. This demonstrates that, as expected, there is little to no groundwater flux to the river during flood events.

- The May and June gauging events demonstrate that the gradients in these downgradient sections have reduced (i.e., flattened) significantly. At Transect 1 for example, the baseline hydraulic gradient was approximately 0.003. The May and June hydraulic gradients were 0.001 and 0.0007, respectively (a reduction of approximately 72% from baseline). At Transect 4, the baseline hydraulic gradient was reduced from approximately 0.00125 to 0.0001 (92% reduction). It is noted that the hydraulic gradients were relatively flat even at baseline, and thus reductions can be difficult to discern in these conditions. Overall, across all Transects, the average baseline hydraulic gradient was reduced approximately 60%, from 0.0015 to 0.0006. As stated previously, the barrier wall was still under construction in this reporting period, and this evaluation will be repeated in the future quarters to assess potential changes/further reductions.

As noted in Section 6.1.1, the manual monthly gauging events were supplemented with transducers in 16 wells that have been used to construct 6 gradients. These transducers were deployed on opposite sides of the barrier wall to evaluate the separation of the Black Creek aquifer by the wall. As shown in Figures 6-2A-C, plots of each transect also include the elevation of the Cape Fear River, and the approximate timing of the barrier wall installation in that area. The transducer gradients demonstrate the following:

- As with the manual gauging data, the April river flooding event is evident in all transects. In transects where the barrier wall had already been installed at the time of the flood (Transects 4, 5, and 6), the river caused a noticeable increase in groundwater elevation in observation wells downgradient of the wall (OW-46 in Transect 4, OW-45 in Transect 5, and OW-44 and OW-16 in Transect 6), but did not affect groundwater elevation in observation wells upgradient of the wall (OW-19 in Transect 4, OW-18 in Transect 5, and OW-15 in Transect 6). Conversely, in transects where the barrier wall had not yet been installed (Transects 1, 2, and 3), the flood event caused an increase in groundwater elevation in wells downgradient and upgradient of the future wall position. This demonstrates that the barrier wall separates the upgradient aquifer from the downgradient portion of the aquifer, enabling the isolation and hydraulic containment of upgradient aquifer groundwater.

- The transducer transects also demonstrate a significant decline in the groundwater elevation upgradient of the barrier wall as a result of continued groundwater extraction (full-time operation in mid-March, soon after transducer deployment). This aligns with the findings from the GWEC system, which have shown a decline in available water in the

extraction wells, requiring reductions to flow setpoints to maintain as much of a submerged well screen as practical.

- The reduction in downgradient hydraulic gradients achieved by the barrier wall is also evident in the transects. For example, in Transect 1, the well pair OW-50 and OW-27 show that the groundwater extraction prior to wall installation was causing an inward gradient, with the elevation of OW-27 (250 feet closer to the river than OW-50) higher than the elevation of OW-50 through the March 8 through mid-May period. After the barrier wall trencher passed through the area in mid-May, the elevations in this well pair nearly equalized, showing a clearly flattened hydraulic gradient.

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

The river flooding event in April was also observed in the Willis Creek EWs. The Cape Fear River elevation (shown in thick blue line) is compared to the 15 Willis Creek EWs in Figures 6-3A-C (five wells per chart for clarity). Overall, the April flood event indicated Black Creek aquifer connectivity to surface water in all 15 EWs to varying degrees, as detailed by the following observations:

- In EWs that were pumping continuously prior to the flood and therefore at a relatively stable water level (EW-01, 02, 05, and 06), the rising river elevation that began on April 7 caused a subsequent rise in water level in the wells (approximately 12 to 18 hours after the river began rising). After the river began to recede, it rose again briefly on April 15, which is also observable in the EWs. This secondary rise of the river was not caused by local precipitation (there were dry conditions in this period at the site), but rather by upstream reservoir releases. This is evidence that the bulk of the response in the EWs is not by rapid infiltration of rainfall but by aquifer connectivity to surface water.

- In EWs that were pumping intermittently prior to the flood, the rising water levels generally caused the pumps to be able to run continuously, or at a much higher frequency (EW-03, 08, 12, 13, and 14). At EW-03 for example, the oscillating water level trend prior to the flood is clearly stabilized during the surge response from the river flood. Ultimately, once the river stabilized, this well returned to intermittent operation in May and June.

- In EWs that were water limited prior to the flood, the rising water levels in most cases allowed the pumps to activate in an intermittent mode (EW-04, EW-07, EW-09, EW-10, and EW-11). The flow totals for the week prior to the flood and the week after the flood are shown in each figure to demonstrate the effect the rising water levels had on these low-yield wells. For example, EW-10 did not pump in the week prior to the flood but was able to extract 13,000 gallons in the week after. As the response in these locations was not as pronounced, the well pump could still control the water level, and thus a surge in water level is not always evident in the figures. At one location only, EW-15, the rising water level caused a response in the water level but was not sufficient to activate the pump. This demonstrates that the well screen is targeting the correct formation and is in communication

with surface water, but that the aquifer sands in this area are not contributing to advective flux (i.e., there is no groundwater flow component to extract).

Groundwater elevation difference relative to January 2023 is shown for the April, May and June gauging events in Figures 6-4A-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 over 9 ft of reduction in PIW-13 and nearly 8 ft of reduction in PIW-12 in June 2023. Similar magnitudes were observed in May 2023. 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 June 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 from 1.5 to 2.9 feet in June 2023.

As noted previously, the flood event in early April 2023 exerted pressure on the confined aquifer that is in connection with surface water, which is evident at PIW-12 and PIW-13, with approximately 6 ft of groundwater elevation reduction (i.e., an apparent decrease in magnitude of drawdown as compared to May and June). At locations closer to Willis Creek, notably hand-augered wells OW-54 and OW-56, the April gauging event indicates groundwater elevations were slightly higher than baseline, whereas in June, the remedy caused OW-54 to become dry, and at OW-56, a reduction in groundwater elevation of approximately 0.74 feet.

Potentiometric contour maps are provided for the April, May, and June gauging events in Figures 6-5A-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 April/May/June 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 MLM wells sampled in Q2 that are downgradient of the long-term remedy (14 total) are provided in Table 6-2. PFAS concentration trends are not evident at this early stage in the remedy commissioning process. However, when evaluated in conjunction with the reduced hydraulic gradients in the downgradient area, a significant 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, 2023b).

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 Q2 2023 are shown in Table 6-3, and also presented in Figure 4-1 (along with the Extraction Well PFAS data). Laboratory analytical results for Willis Creek are compiled in Appendix A. At this early period in the remedy commissioning/operation process, no trends are yet discernible in Willis Creek concentrations. The May 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 6-6. The results of the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) are shown in Figures 6-7A-H. The Total Table 3+ (17 compounds) concentrations have remained low at sampling locations upstream of the Site (Transects 1 and 2), while the Total Table 3+ (17 compounds) concentrations have decreased from November 2022 to June 2023 at sampling locations downstream of the Site (Transects 3 and 4).

Results for the samples collected at Tar Heel are shown in Figure 6-8. 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. Additional sampling events are required to continue evaluating and quantifying the reduction from the groundwater extraction and barrier wall remedy.

7 SUMMARY

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

Remedy Element	Report Period (Apr-Jun 2023)		Cumulative through June 2023	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	21	16	399	605
004 Treatment Plant	69	86	94	128
Ex-Situ Capture Systems	*2.4*	*Included in 004*	*2.4*	*Included in 004*
GWEC	*66.3*	*Included in 004*	*92.0*	*Included in 004*
Total (Interim FTCs + 004)	**90**	**102**	**494**	**733**

Flow into the interim FTCs decreased significantly in this reporting period (a 59% reduction compared to the previous year, Q2 2022, and a 43% reduction compared to Q1 2023) due to the effects of the long-term remedy. Beginning in 2Q 2023, operations and maintenance staff periodically pumped water from the impoundment basins of the FTCs directly into the lead filter bed to enable flow during no-flow conditions (See Section 2.1.5 for details). As a result of this pumping for maintenance, flows through the FTC may appear artificially higher than true baseflow conditions, as some water may have been pumped through the FTCs that would not have otherwise entered the system. As such, overall reduction in flow in 2Q 2023 is likely greater than the percentages reported here.

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 49 to 56% (June 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. This trend will continue to be monitored in future quarters. The interim FTCs removed approximately 99.5% of PFAS from this reduced flow.

The 004 GWTP removed greater than 99% of PFAS[5] 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, 2023b).

The Cape Fear River flooded early in the reporting period (April 9) and this event also demonstrated the hydraulic separation created by the barrier wall. Black Creek aquifer monitoring wells downgradient of the wall (i.e., closer to the river) indicated a pressure response from the flooding, whereas wells upgradient of the installed barrier wall were not affected. This flood event was also evident in the Willis Creek extraction wells, demonstrating connectivity between the aquifer unit and surface water in this area. 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 over 9 feet of groundwater elevation reduction observed in monitoring wells.

The next report will cover the period of July 1 through September 30, 2023 (Report #3) and will be submitted no later than December 31, 2023.

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

8 REFERENCES

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

Geosyntec, 2020b. Interim Seep Remediation System Plan. Chemours Fayetteville Works. 31 August 2020.

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Geosyntec, 2022. Groundwater and Seeps Remedy 90% Design Submittal. Chemours Fayetteville Works. March 25, 2022.

Geosyntec, 2023a. Interim Seep Remediation Operation and Maintenance Report #14. Chemours Fayetteville Works. 31 May 2023.

Geosyntec, 2023b. Cape Fear River PFAS Mass Loading Assessment – Second Quarter 2023 Report. Chemours Fayetteville Works. 29 September 2023.

USEPA, 2009. USEPA Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use. USEPA-540-R-08-005. OSWER 9200.1-85. Office of Solid Waste and Emergency Response, United States Environmental Protection Agency. 13 January 2009.

Tables

Table 1-1
Summary of Sampling and Monitoring Activities
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Remedy Component	Sampling and Monitoring Activities in Reporting Period (Apr-Jun)	Sampling and Monitoring Activities Anticipated in Next Reporting Period (Jul-Sep)
In-Situ Seep Flow-Through Cells	▪ Bimonthly, 14-day composite PFAS removal sampling ▪ Bimonthly water quality monitoring events ▪ Monthly, 24-hour composite wet weather PFAS removal sampling ▪ Weekly grab sampling for PFAS breakthrough monitoring	▪ Similar sampling and monitoring plan as is practical during batch mode processing (see Section 2.1.5 for discussion). In prolonged no-flow conditions at some FTCs, there may not be flow to sample. It is anticipated that during batch mode processing, O&M personnel will rely more heavily on 24-hour composites as opposed to 14-day composites.
Ex-Situ Seeps and Weeps Capture	▪ Commissioning, Startup, and OM&M, including daily flow totals from the combined capture systems	▪ OM&M including flow rates and totalized flow every 15 minutes from each capture system
Groundwater Extraction	▪ Post-startup sampling of Extraction Wells for PFAS (65 of 68 wells on April 12, 2023; three wells were dry) ▪ Extraction Well Operational Data (flow, pressure, motor speed, and water level) every 15 minutes	▪ Extraction Well Operational Data (flow, pressure, motor speed, and water level) every 15 minutes
004 Treatment Plant	▪ Weekly grab sampling of Effluent for PFAS indicator compounds HFPO-DA, PFMOAA, and PMPA ▪ 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*	▪ Similar as previous
Performance Evaluation	▪ Monthly water level gauging (April 20, 2023) ▪ Monthly water level gauging (May 23, 2023) ▪ Monthly water level gauging (June 21, 2023) ▪ Quarterly PFAS sampling (May 12, 2023) of Willis Creek (WC) stations WC-1, 2, 3	▪ Monthly water level gauging ▪ Quarterly PFAS sampling event of Willis Creek stations WC-1, 2, 3 ▪ Semi-annual PFAS sampling of downgradient observation wells ▪ Post-startup annual Passive Flux Meter deployment in 15 wells ▪ Installation of additional Observation Wells in previously inaccessible areas (where practical)

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

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #2 (Apr - Jun 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			
04/03/2023	706	No	X			Series		Series		X	Skimmed and fluffed FB1.	10 inches of freeboard.
04/04/2023	707	No				Series		Series			N/A	10 inches of freeboard.
04/05/2023	708	No				Series		Series			Skimmed and fluffed and back flushed FB1.	8.5 inches of freeboard.
04/06/2023	709	No				Series		Series			Drain lines jetted.	14 inches of freebaord.
04/07/2023	710	No				Series		Series			Skimmed and fluffed FB1.	10 inches of freeboard.
04/09/2023	712	-		X	X	Series		Series			N/A	N/A
04/11/2023	714	-				Series		Series			N/A	N/A
04/14/2023	717	No				Series		Series			N/A	N/A
04/17/2023	720	No	X			Series		Parallel		X	N/A	17 inches of freeboard.
04/23/2023	726	No				Series		Series			N/A	12 inches of freeboard.
04/24/2023	727	No	X			Series		Series		X	N/A	12 inches of freeboard.
04/28/2023	731	--		X		Series		Series		X	N/A	N/A
05/01/2023	734	No	X			Series		Series		X	N/A	11 inches of freeboard.
05/02/2023	735	-				Series		Closed	Lead		N/A	N/A
05/03/2023	736	-				Closed	Lead	Changeout	Lead		Removed carbon from FB1 and replaced bottom fabric.	N/A
05/04/2023	737	No				Changeout	Lead	Lag	Lead		Carbon changeout FB1.	N/A
05/05/2023	738	-				Series		Series			Skimmed and fluffed FB2.	18 inches of freeboard.
05/08/2023	741	No	X			Series		Series		X	Skimmed and fluffed FB2.	11 inches of freeboard.
05/09/2023	742	No				Series		Series			Skimmed and fluffed FB2.	19 inches of freeboard.
05/11/2023	744	-				Series		Series			Skimmed and fluffed FB2.	19 inches of freeboard.
05/12/2023	745	No				Series		Series			N/A	21 inches of freeboard.
05/15/2023	748	No	X	X		Series		Series		X	N/A	N/A
05/16/2023	749	No				Series		Series			N/A	N/A
05/17/2023	750	No				Series		Series			N/A	N/A
05/18/2023	751	No				Series		Series			N/A	N/A
05/22/2023	755	No	X			Series		Series		X	N/A	N/A
05/23/2023	756	No				Series		Series			N/A	21 inches of freeboard.
05/24/2023	757	No				Series		Series			N/A	23 inches of freeboard. Observed flow.
05/25/2023	758	No				Series		Series			N/A	22 inches of freeboard. Observed flow.
05/26/2023	759	No				Series		Series			N/A	22 inches of freeboard.
05/28/2023	761	-			X	Series		Series			N/A	N/A
05/29/2023	762	No				Series		Series			N/A	20 inches of freeboard. Rain gauge reading of 1.5 inches.
05/30/2023	763	No		X		Series		Series		X	N/A	20 inches of freeboard.
06/01/2023	765	No				Series		Series			N/A	22 inches of freeboard.
06/02/2023	766	No				Series		Series			N/A	22 inches of freeboard.
06/05/2023	769	No	X			Series		Series		X	N/A	23 inches of freeboard.
06/08/2023	772	No				Series		Series			N/A	23 inches of freeboard.
06/12/2023	776	No	X			Series		Series		X	N/A	23 inches of freeboard. Rain gauge reading of 0.125 inches.
06/13/2023	777	No				Series		Series			N/A	23 inches of freeboard. Rain gauge reading of 0.2 inches.
06/14/2023	778	No		X		Series		Series			N/A	23 inches of freeboard.
06/19/2023	783	No				Series		Series		X	N/A	24 inches of freeboard. Observed cell processing at a slow drip.
06/20/2023	784	No	X			Series		Series			N/A	7 inches of freeboard.
06/21/2023	785	No			X	Series		Series			N/A	16 inches of freeboard.
06/22/2023	786	No				Series		Series			N/A	17 inches of freeboard.
06/26/2023	790	No				Series		Series		X	N/A	20 inches of freeboard.
06/27/2023	791	No	X			Series		Series			N/A	15.5 inches of freeboard.
06/29/2023	793	No		X		Series		Series			N/A	20.5 inches of freeboard.
06/30/2023	794	No				Series		Series			N/A	20 inches of freeboard.

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

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #2 (Apr - Jun 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			
04/03/2023	665	No	X			Closed	Lead	Closed	Lead	X	N/A	14.5 inches of freeboard.
04/04/2023	666	No				Closed	Lead	Closed	Lead		N/A	13 inches of freeboard.
04/05/2023	667	No				Closed	Lead	Lead	Closed		Skimmed and fluffed FB1.	14 inches of freeboard.
04/06/2023	668	-				Lead	Changeout	Lead	Lag		GAC changeout FB2.	23 inches of freeboard.
04/09/2023	671	-		X	X	-	-	-	-		N/A	N/A
04/11/2023	673	-				-	-	-	-		N/A	N/A
04/14/2023	676	No				Series		Parallel			N/A	12 inches of freeboard.
04/17/2023	679	No	X			Parallel		Series		X	Skimmed and fluffed FB1 and FB2.	23 inches of freeboard.
04/18/2023	680	No				Series		Parallel			Backflushed FB2.	21 inches of freeboard.
04/19/2023	681	-				Series		Lead	Closed		N/A	N/A
04/20/2023	682	-				Lead	Closed	Lead	Changeout		Removed carbon from FB2 and replaced bottom fabric.	23.5 inches of freeboard.
04/21/2023	683	-				Lead	Changeout	Lead	Lag		Added carbon to FB2.	N/A
04/23/2023	685	No				Series		Series			N/A	22 inches of freeboard.
04/24/2023	686	No	X			Series		Series		X	N/A	24 inches of freeboard. No flow into or out of cell.
04/25/2023	687	No				Series		Series			N/A	24 inches of freeboard. No flow into or out of cell.
04/28/2023	690	-		X		Series		Series			N/A	N/A
05/01/2023	693	No	X			Series		Series		X	N/A	24 inches of freeboard.
05/02/2023	694	No				Series		Series			Skimmed and fluffed FB1.	No flow observed into cell or basin.
05/05/2023	697	No				Series		Series			Pumped water into cell. Adjusted Weir 3 height.	No flow observed.
05/08/2023	700	No	X			Series		Series		X	N/A	24 inches of frreboard. No flow observed in or out of cell.
05/10/2023	702	No				Series		Series			Skimmed and fluffed FB1. Pumped water into cell.	N/A
05/11/2023	703	No				Series		Series			N/A	24 inches of freeboard.
05/15/2023	707	No	X	X		Series		Series		X	Pumped water into cell.	24 inches of freeboard. No flow observed.
05/16/2023	708	No				Series		Series			Pumped water into cell to increase production.	N/A
05/17/2023	709	No				Series		Series			N/A	N/A
05/18/2023	710	No				Series		Series			N/A	N/A
05/22/2023	714	No	X			Series		Series		X	N/A	N/A
05/23/2023	715	No				Series		Series			N/A	24 inches of freeboard.
05/24/2023	716	No	X			Series		Series			Breakthrough samples collected after pumping water into cell from basin.	No flow observed.
05/25/2023	717	No				Series		Series			N/A	24 inches of freeboard. No flow observed.
05/26/2023	718	No				Series		Series			N/A	24 inches of freeboard.
05/28/2023	720	-			X	Series		Series			N/A	N/A
05/29/2023	721	No				Series		Series			N/A	24 inches of freeboard. Rain gauge reading of 1.5 inches. Observed water dripping over Weir 3.
05/30/2023	722	No		X		Series		Series		X	N/A	24 inches of freeboard.
06/01/2023	724	No				Series		Series			Pumped water into cell to increase production.	N/A
06/02/2023	725	No				Series		Series			N/A	24 inches of freeboard. No flow observed.
06/05/2023	728	No	X			Series		Series		X	Pumped water into cell to increase production.	24 inches of freeboard.
06/08/2023	731	No				Series		Series			N/A	24 inches of freeboard. No flow observed.
06/12/2023	735	No	X			Series		Series			N/A	24 inches of freeboard. Rain gauge reading of 0.125 inches. No flow observed into or out of cell.
06/13/2023	736	-				Series		Series			Pumped water into cell to increase production.	24 inches of freeboard. Low flow observed prior to pumping.
06/14/2023	737	No		X		Series		Series			N/A	24 inches of freeboard. No flow observed.
06/19/2023	742	No				Series		Series		X	N/A	24 inches of freeboard.
06/20/2023	743	No	X			Series		Series			N/A	24 inches of freeboard. No natural flow observed.
06/21/2023	744	No			X	Series		Series			N/A	No flow observed in inlet.
06/22/2023	745	No				Series		Series			N/A	24 inches of freeboard.
06/23/2023	746	No				Series		Series			FB2 holding water to keep hydrated. Adjusted weir to normal operating level to provide normal flow conditions.	15 inches of freeboard.
06/27/2023	750	No	X			Series		Series		X	N/A	21 inches of freeboard. Observed low flow.
06/29/2023	752	-		X		Series		Series			N/A	21 inches of freeboard.
06/30/2023	753	No				Series		Series			N/A	24 inches of freeboard. No natural flow.

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

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #2 (Apr - Jun 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			
04/03/2023	839	No	X			Series		Series		X	Skimmed and fluffed FB1.	13 inches of freeboard.
04/04/2023	840	No				Series		Series			N/A	14 inches of freeboard.
04/05/2023	841	No				Series		Series			N/A	13.75 inches of freeboard.
04/06/2023	842	-				-	-	-	-		N/A	14 inches of freeboard.
04/09/2023	845	-		X	X	-	-	-	-		N/A	N/A
04/13/2023	849	-				-	-	-	-		N/A	N/A
04/14/2023	850	No				Series		Lead	Closed		Backflushed FB1	5.5 inches of freeboard.
04/17/2023	853	No	X			Lead	Closed	Series		X	N/A	14.5 inches of freeboard.
04/18/2023	854	No				Series		Series			Skimmed and fluffed FB1.	14.5 inches of freeboard.
04/23/2023	859	No				Series		Lead	Closed		N/A	4 inches of freeboard.
04/24/2023	860	No	X			Lead	Closed	Lead	Closed	X	Skimmed and fluffed FB1. Backflushed FB1.	9 inches of freebaord.
04/25/2023	861	No				Lead	Closed	Closed	Lead		Skimmed and fluffed FB2.	14 inches of freeboard
04/26/2023	862	-				Closed	Lead	Changeout	Lead		Vacuumed GAC in FB1.	N/A
04/27/2023	863	-				Changeout	Lead	Lag	Lead		Replaced fabric and GAC in FB1.	N/A
04/28/2023	864	-		X		Series		Series			N/A	N/A
05/01/2023	867	No	X			Series		Series		X	Skimmed and fluffed FB2.	8 inches of freeboard. No flow observed.
05/08/2023	874	No	X			Series		Series		X	N/A	14 inches of freeboard.
05/10/2023	876	-				Series		Series			Skimmed and fluffed FB2. Pumped water into cell.	14 inches of freeboard. No flow observed.
05/11/2023	877	No				Series		Series			N/A	15 inches of freeboard.
05/15/2023	881	No	X	X		Series		Series		X	N/A	15 inches of freeboard. No flow observed.
05/16/2023	882	No				Series		Series			N/A	N/A
05/17/2023	883	No				Series		Series			N/A	N/A
05/18/2023	884	No				Series		Series			Skimmed and fluffed FB2.	No flow observed into cell from basin.
05/22/2023	888	No	X			Series		Series		X	N/A	No flow observed into cell from basin.
05/23/2023	889	No				Series		Series			N/A	No flow observed into cell from basin.
05/24/2023	890	No	X			Series		Series			N/A	No flow observed. Breakthrough samples collected after pumping water from the basin into the cell.
05/25/2023	891	No				Series		Series			N/A	15 inches of freeboard.
05/26/2023	892	No				Series		Series			N/A	15 inches of freeboard. No flow observed.
05/28/2023	894	-			X	Series		Series			N/A	N/A
05/29/2023	895	No				Series		Series			N/A	12 inches of freeboard. Rain gauge reading of 1.5 inches.
05/30/2023	896	No		X		Series		Series		X	Skimmed and fluffed FB2.	14.5 inches of freeboard.
06/01/2023	898	No				Series		Series			N/A	No natural flow from basin observed.
06/02/2023	899	No				Series		Series			N/A	14 inches of freeboard. No natural flow from basin observed.
06/05/2023	902	No	X			Series		Series		X	Pumped water into cell to increase production.	14.5 inches of freeboard.
06/08/2023	905	No				Series		Series			N/A	15 inches of freeboard. No flow observed at inlet of cell.
06/12/2023	909	No	X			Series		Series		X	N/A	15 inches of freeboard. Rain gauge reading of 0.125 inches.
06/13/2023	910	No				Series		Series			Pumped water into cell to increase production.	15 inches of freeboard. Rain gauge reading of 2 inches. Observed water dripping over Weir 3.
06/14/2023	911	-	X	X		-		-			N/A	N/A
06/19/2023	916	No				Series		Series		X	N/A	15 inches of freeboard. No flow observed into or out of cell.
06/20/2023	917	No	X			Series		Series			N/A	15 inches of freeboard. No flow observed into or out of cell.
06/21/2023	918	Yes	X		X	Series		Series			N/A	N/A
06/22/2023	919	No	X			Series		Series			N/A	4 inches of freeboard. Observed flow.
06/23/2023	920	Yes				Changeout	Changeout	Lag	Lead		Changeout both filter beds. Placed sole FB2 during FB1 vac to stop bypassing.	N/A
06/27/2023	924	No	X			Series		Series		X	N/A	7.5 inches of freeboard.
06/29/2023	926	-		X		Series		Series			N/A	15 inches of freeboard.
06/30/2023	927	No				Series		Series			N/A	15 inches of freeboard. No natural flow observed.

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

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #2 (Apr - Jun 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			
04/03/2023	649	-	X			Series		Series			N/A	17 inches of freeboard.
04/04/2023	650	No				Series		Series		X	Skimmed and fluffed FB1.	17 inches of freeboard.
04/05/2023	651	No				Series		Series			N/A	21.5 inches of freeboard.
04/06/2023	652					Series		Series			N/A	21 inches of freeboard.
04/09/2023	655	-		X	X	-	-	-	-		N/A	N/A
04/13/2023	659	-				-	-	-	-	X	N/A	N/A
04/14/2023	660	No				Series		Series			Cleaned FB1 and FB2.	6.5 inches of freeboard
04/17/2023	663	No	X			Series		Series			Skimmed and fluffed FB1.	6 inches of freeboard.
04/18/2023	664	No				Series		Series			N/A	7 inches of freeboard.
04/21/2023	667	No				Series		Series			Backflushed FB1.	N/A
04/23/2023	669	No				Series		Series			N/A	13 inches of freeboard.
04/24/2023	670	No	X			Series		Series		X	Skimmed and fluffed FB1.	13 inches of freeboard.
04/25/2023	671	No				Series		Series			N/A	16 inches of freeboard.
04/28/2023	674	-		X		Series		Series			Skimmed and fluffed FB1.	N/A
05/01/2023	677	No	X			Series		Series		X	Skimmed and fluffed FB1.	11 inches of freeboard.
05/02/2023	678	No				Series		Series			N/A	11 inches of freeboard.
05/05/2023	681	-				Series		Series			Skimmed and fluffed FB1. Backflushed FB1.	17 inches of freeboard.
05/08/2023	684	No	X			Series		Series		X	Skimmed and fluffed FB1.	19 inches of freeboard.
05/11/2023	687	No				Series		Series			N/A	18 inches of freeboard.
05/12/2023	688	-				Series		Series			Skimmed and fluffed FB1.	19 inches of freeboard.
05/15/2023	691	No	X	X		Series		Series		X	N/A	19 inches of freeboard.
05/16/2023	692	No				Series		Series			N/A	N/A
05/17/2023	693	No				Series		Series			Pumped water into cell to increase production.	N/A
05/18/2023	694	No				Series		Series			N/A	N/A
05/22/2023	698	No	X			Series		Series		X	N/A	N/A
05/23/2023	699	No				Series		Series			Skimmed and fluffed FB1.	N/A
05/24/2023	700	No				Series		Series			N/A	21 inches of freeboard. Observed low flow from basin into cell.
05/25/2023	701	No				Series		Series			N/A	22 inches of freeboard.
05/26/2023	702	No				Series		Series			N/A	21 inches of freeboard.
05/28/2023	704	-			X	Series		Series			N/A	N/A
05/29/2023	705	-				Series		Series			N/A	19 inches of freeboard. Rain gauge reading of 1.5 inches.
05/30/2023	706	-		X		Series		Series		X	N/A	19 inches of freeboard.
06/01/2023	708	No				Series		Series			N/A	20 inches of freeboard.
06/02/2023	709	No				Series		Series			N/A	21 inches of freeboard.
06/05/2023	712	No	X			Series		Series		X	N/A	22 inches of freeboard.
06/08/2023	715	No				Series		Series			N/A	22 inches of freeboard. Observed low water flow.
06/12/2023	719	-	X			Series		Series		X	N/A	22 inches of freeboard. Rain gauge reading of 0.125 inches.
06/13/2023	720	No				Series		Series			N/A	22 inches of freeboard. Rain gauge reading of 0.2 inches.
06/14/2023	721	No		X		Series		Series			N/A	23 inches of freeboard.
06/19/2023	726	No				Series		Series		X	N/A	23 inches of freeboard. Observed no flow into cell and only little water dripping out of cell.
06/20/2023	727	No	X			Series		Series			N/A	22 inches of freeboard. Observed flow.
06/21/2023	728	No			X	Series		Series			N/A	20 inches of freeboard. Observed low flow into cell.
06/22/2023	729	No				Series		Series			N/A	20 inches of freeboard. Natural flow observed.
06/23/2023	730	No				Series		Series			N/A	18 inches of freeboard. Flow observed.
06/26/2023	733	No				Series		Series		X	Skimmed and fluffed FB1	21 inches of freeboard.
06/27/2023	734	No	X			Series		Series			N/A	21 inches of freeboard. Observed low flow into seep.
06/29/2023	736	-		X		Series		Series			N/A	21 inches of freeboard.
06/30/2023	737	No				Series		Series			N/A	23 inches of freeboard. Observed natural flow.

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

Table 2-2
Cape Fear River Elevation and Local Precipitation Statistics
Quarterly Report #2 (Apr - Jun 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	927	2.0%	2.5%	4.6%	11.2%
A	794	0.8%	0.9%	1.8%	4.9%
B	753	0.7%	0.8%	1.3%	3.7%
D	737	0.9%	1.0%	1.9%	5.4%
Historical Annual Average (2007-2020) [3,4]		1.7%	2.2%	3.7%	9.6%

Precipitation (inches)	
Current Reporting Period (April - June 2023)	11.56
Current Reporting Period Historical Average (April - June 2004-2020) [5]	11.63
2023 Year-to-Date	20.69
Historical Year-to-Date Average (2004-2020) [5]	19.59
Historical Annual Average (2004-2020) [5]	43.75

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-204-040923 SEEP-A-EFFLUENT-204-040923	April 1 - April 9, 2023	April 9, 2023
SEEP-A-INFLUENT-318-042823 SEEP-A-EFFLUENT-336-042823	April 14 - April 28, 2023	April 28, 2023
SEEP-A-INFLUENT-336-051523 SEEP-A-EFFLUENT-336-051523	May 1 - May 15, 2023	May 15, 2023
SEEP-A-INFLUENT-336-053023 SEEP-A-EFFLUENT-336-053023	May 16 - May 30, 2023	May 30, 2023
SEEP-A-INFLUENT-336-061423 SEEP-A-EFFLUENT-336-061423	June 1 - June 14, 2023	June 14, 2023
SEEP-A-INFLUENT-336-062923 SEEP-A-EFFLUENT-336-062923	June 15 - June 29, 2023	June 29, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-A-INFLUENT-RAIN-19-040923 SEEP-A-EFFLUENT-RAIN-19-040923	April 9, 2023	9:27	2.34
SEEP-A-INFLUENT-RAIN-24-052823 SEEP-A-EFFLUENT-RAIN-24-052823	May 28, 2023	13:11	0.6
SEEP-A-INFLUENT-RAIN-24-062123 SEEP-A-EFFLUENT-RAIN-24-062123	June 21, 2023	6:17	2.26

Notes:

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

2 - From April 9 through April 13, 2023, the Cape Fear River rose above the flooding action level that was developed for FTC management (see Section 2.3). The ISCO autosamplers were stopped on April 9 in order to remove the devices, interrupting the collection of aliquots in the 14-day composite cycle. 204 aliquots were collected for the April 9 performance monitoring samples instead of 336. Similarly, the collection of the April 9 wet weather samples got interrupted and 19 aliquots got collected instead of 24.

3 - During the collection of the April 28 influent sample, the autosampler briefly malfunctioned, resulting in the collection of fewer aliquots (318) than planned (336).

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-B-INFLUENT-204-040923 SEEP-B-EFFLUENT-204-040923	April 1 - April 9, 2023	April 9, 2023
SEEP-B-INFLUENT-336-042823 SEEP-B-EFFLUENT-336-042823	April 14 - April 28, 2023	April 28, 2023
SEEP-B-INFLUENT-336-051523 SEEP-B-EFFLUENT-336-051523	May 1 - May 15, 2023	May 15, 2023
SEEP-B-INFLUENT-336-053023 SEEP-B-EFFLUENT-336-053023	May 16 - May 30, 2023	May 30, 2023
SEEP-B-INFLUENT-336-061423 SEEP-B-EFFLUENT-336-061423	June 1 - June 14, 2023	June 14, 2023
SEEP-B-INFLUENT-336-062923 SEEP-B-EFFLUENT-336-062923	June 15 - June 29, 2023	June 29, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-B-INFLUENT-RAIN-20-040923 SEEP-B-EFFLUENT-RAIN-20-040923	April 9, 2023	12:04	2.34
SEEP-B-INFLUENT-RAIN-24-052823 SEEP-B-EFFLUENT-RAIN-24-052823	May 28, 2023	13:04	0.6
SEEP-B-INFLUENT-RAIN-24-062123 SEEP-B-EFFLUENT-RAIN-24-062123	June 21, 2023	6:13	2.26

Notes:

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

2 - From April 9 through April 13, 2023, the Cape Fear River rose above the flooding action level that was developed for FTC management (see Section 2.3). The ISCO autosamplers were stopped on April 9 in order to remove the devices, interrupting the collection of aliquots in the 14-day composite cycle. Consequently, 204 aliquots were collected for the April 9 performance monitoring samples instead of 336. Similarly, the collection of the April 9 wet weather samples was interrupted and 20 aliquots were collected instead of 24.

3 - 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-204-040923 SEEP-C-EFFLUENT-204-040923	April 1 - April 9, 2023	April 9, 2023
SEEP-C-INFLUENT-336-042823 SEEP-C-EFFLUENT-318-042823	April 14 - April 28, 2023	April 28, 2023
SEEP-C-INFLUENT-336-051523 SEEP-C-EFFLUENT-336-051523	May 1 - May 15, 2023	May 15, 2023
SEEP-C-INFLUENT-336-053023 SEEP-C-EFFLUENT-336-053023	May 16 - May 30, 2023	May 30, 2023
SEEP-C-INFLUENT-336-061423 SEEP-C-EFFLUENT-336-061423	June 1 - June 14, 2023	June 14, 2023
SEEP-C-INFLUENT-336-062923 SEEP-C-EFFLUENT-336-062923	June 15 - June 29, 2023	June 29, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-C-INFLUENT-RAIN-20-040923 SEEP-C-EFFLUENT-RAIN-20-040923	April 9, 2023	13:36	2.34
SEEP-C-INFLUENT-RAIN-24-052823 SEEP-C-EFFLUENT-RAIN-24-052823	May 28, 2023	14:03	0.60
SEEP-C-INFLUENT-RAIN-24-062123 SEEP-C-EFFLUENT-RAIN-24-062123	June 21, 2023	6:11	2.26

Notes:

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

2 - From April 9 through April 13, 2023, the Cape Fear River rose above the flooding action level that was developed for FTC management (see Section 2.3). The ISCO autosamplers were stopped on April 9 in order to remove the devices, interrupting the collection of aliquots in the 14-day composite cycle. Consequently, 204 aliquots were collected for the April 9 performance monitoring samples instead of 336. Similarly, the collection of the April 9 wet weather samples was interrupted and 20 aliquots were collected instead of 24.

3 - During the collection of the April 28 effluent sample, the autosampler briefly malfunctioned, resulting in the collection of fewer aliquots (318) than planned (336).

4 - 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-D-INFLUENT-204-040923 SEEP-D-EFFLUENT-204-040923	April 1 - April 9, 2023	April 9, 2023
SEEP-D-INFLUENT-336-042823 SEEP-D-EFFLUENT-336-042823	April 14 - April 28, 2023	April 28, 2023
SEEP-D-INFLUENT-336-051523 SEEP-D-EFFLUENT-336-051523	May 1 - May 15, 2023	May 15, 2023
SEEP-D-INFLUENT-336-053023 SEEP-D-EFFLUENT-336-053023	May 16 - May 30, 2023	May 30, 2023
SEEP-D-INFLUENT-336-061423 SEEP-D-EFFLUENT-336-061423	June 1 - June 14, 2023	June 14, 2023
SEEP-D-INFLUENT-336-062923 SEEP-D-EFFLUENT-336-062923	June 15 - June 29, 2023	June 29, 2023

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-D-INFLUENT-RAIN-21-040923 SEEP-D-EFFLUENT-RAIN-21-040923	April 9, 2023	11:55	2.34
SEEP-D-EFFLUENT-RAIN-24-052823	May 28, 2023	12:55	0.6
SEEP-D-INFLUENT-RAIN-24-062123 SEEP-D-EFFLUENT-RAIN-24-062123	June 21, 2023	6:17	2.26

Notes:

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

2 - From April 9 through April 13, 2023, the Cape Fear River rose above the flooding action level that was developed for FTC management (see Section 2.3). The ISCO autosamplers were stopped on April 9 in order to remove the devices, interrupting the collection of aliquots in the 14-day composite cycle. Consequently, 204 aliquots were collected for the April 9 performance monitoring samples instead of 336. Similarly, the collection of the April 9 wet weather samples were interrupted and 21 aliquots were collected instead of 24.

3 - Only the effluent sample was collected at Seep D during the wet weather sampling event completed on May 28, 2023. There was an operational malfunction of the influent autosampler that interrupted the collection of aliquots, which was not identified until one day later.

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-204-040923** Sample Date: 9-Apr-23	**SEEP-A-EFFLUENT-204-040923** Sample Date: 9-Apr-23	**Percent Removal**	**SEEP-A-INFLUENT-318-042823** Sample Date: 28-Apr-23	**SEEP-A-EFFLUENT-336-042823** Sample Date: 28-Apr-23	**Percent Removal**	**SEEP-A-INFLUENT-336-051523** Sample Date: 15-May-23	**SEEP-A-EFFLUENT-336-051523** Sample Date: 15-May-23	**Percent Removal**	**SEEP-A-INFLUENT-336-053023** Sample Date: 30-May-23	**SEEP-A-EFFLUENT-336-053023** Sample Date: 30-May-23	**Percent Removal**
Hfpo Dimer Acid	**17,000**	**24**	99.9%	**15,000**	**66**	99.6%	**13,000**	**45**	99.7%	**15,000 J**	**87**	99.4%
PFMOAA	**36,000**	**160**	99.6%	**27,000**	**280**	99.0%	**32,000**	**280**	99.1%	**37,000 J**	**910**	97.5%
PFO2HxA	**20,000**	**45**	99.8%	**19,000**	**130**	99.3%	**20,000**	**120**	99.4%	**20,000 J**	**270**	98.7%
PFO3OA	**6,000**	**8.3**	99.9%	**5,600**	**26**	99.5%	**5,600**	**14**	99.8%	**5,500 J**	**20**	99.6%
PFO4DA	**2,600**	**2.4**	99.9%	**2,500**	**9.3**	99.6%	**2,600**	**4.5**	99.8%	**2,500 J**	**4.1**	99.8%
PFO5DA	**1,000**	<2.0	>99.9%	**1,400**	**4.1**	99.7%	**1,500**	**2.1**	99.9%	**1,300 J**	**3.1**	99.8%
PMPA	**12,000**	**72**	99.4%	**12,000**	**150**	98.8%	**11,000**	**72**	99.3%	**12,000 J**	**160**	98.7%
PEPA	**5,300**	<20	>99.9%	**5,100**	**36**	99.3%	**4,800**	**25**	99.5%	**5,400 J**	**49**	99.1%
PS Acid	**580**	<2.0	>99.9%	**570**	<2.0	>99.9%	**290**	<2.0	>99.9%	**260 J**	<2.0	>99.9%
Hydro-PS Acid	**470**	<2.0	>99.9%	**440**	<2.0	>99.9%	**500**	<2.0	>99.9%	**480 J**	<2.0	>99.9%
R-PSDA	**1,100 J**	<2.0	>99.9%	**830 J**	**5.3 J**	99.4%	**1,100 J**	<2.0	>99.9%	**1,400 J**	**11 J**	99.2%
Hydrolyzed PSDA	**4,700 J**	**9.7 J**	99.8%	**3,300 J**	**44 J**	98.7%	**6,500 J**	**18 J**	99.7%	**8,500 J**	**95 J**	98.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	**18 J**	<2.0	>99.9%
NVHOS, Acid Form	**500**	<2.0	>99.9%	**470**	**3.4**	99.3%	**520**	**2.3**	99.6%	**570 J**	**6.8**	98.8%
EVE Acid	**150**	<2.0	>99.9%	**140**	<2.0	>99.9%	<17	<2.0	>99.9%	**47 J**	<2.0	>99.9%
Hydro-EVE Acid	**570**	<2.0	>99.9%	**540**	**2**	99.6%	**470**	<2.0	>99.9%	**520 J**	<2.0	>99.9%
R-EVE	**640 J**	<2.0	>99.9%	**430 J**	**2.1 J**	99.5%	**540 J**	<2.0	>99.9%	**670 J**	**6.5 J**	99.0%
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 UJ	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**100,000**	**310**	**99.7%**	**90,000**	**710**	**99.2%**	**92,000**	**560**	**99.4%**	**100,000**	**1,500**	**98.5%**

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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-336-061423** Sample Date: 14-Jun-23	**SEEP-A-EFFLUENT-336-061423** Sample Date: 14-Jun-23	**Percent Removal**	**SEEP-A-INFLUENT-336-062923** Sample Date: 29-Jun-23	**SEEP-A-EFFLUENT-336-062923** Sample Date: 29-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**15,000**	**100**	99.3%	**11,000**	**85**	99.2%
PFMOAA	**34,000**	**830**	97.6%	**29,000**	**540**	98.1%
PFO2HxA	**23,000**	**310**	98.7%	**19,000**	**270**	98.6%
PFO3OA	**7,900**	**28**	99.6%	**5,100**	**23**	99.5%
PFO4DA	**3,300**	**6.0**	99.8%	**2,100**	**5.2**	99.8%
PFO5DA	**2,100**	**3.0**	99.9%	**1,200**	**2.8**	99.8%
PMPA	**12,000**	**150**	98.8%	**9,200**	**130**	98.6%
PEPA	**5,000**	**44**	99.1%	**3,800**	**40**	98.9%
PS Acid	**210**	<2.0	>99.9%	**150**	<2.0	>99.9%
Hydro-PS Acid	**520**	<2.0	>99.9%	**400**	<2.0	>99.9%
R-PSDA	**1,400 J**	**8.6 J**	99.4%	**1,100 J**	**5.4 J**	99.5%
Hydrolyzed PSDA	**9,200 J**	**70 J**	99.2%	**6,600 J**	**51 J**	99.2%
R-PSDCA	**18**	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**570**	**6.6**	98.8%	**470**	**5.9**	98.7%
EVE Acid	**29**	<2.0	>99.9%	**19**	<2.0	>99.9%
Hydro-EVE Acid	**500**	<2.0	>99.9%	**390**	<2.0	>99.9%
R-EVE	**690 J**	**5.7 J**	99.2%	**510 J**	**4.0 J**	99.2%
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]	**100,000**	**1,500**	**98.5%**	**82,000**	**1,100**	**98.7%**

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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-204-040923** Sample Date: 9-Apr-23	**SEEP-B-EFFLUENT-204-040923** Sample Date: 9-Apr-23	**Percent Removal**	**SEEP-B-INFLUENT-336-042823** Sample Date: 28-Apr-23	**SEEP-B-EFFLUENT-336-042823** Sample Date: 28-Apr-23	**Percent Removal**	**SEEP-B-INFLUENT-336-051523** Sample Date: 15-May-23	**SEEP-B-EFFLUENT-336-051523** Sample Date: 15-May-23	**Percent Removal**	**SEEP-B-INFLUENT-336-053023** Sample Date: 30-May-23	**SEEP-B-EFFLUENT-336-053023** Sample Date: 30-May-23	**Percent Removal**
Hfpo Dimer Acid	**51,000**	**1,100**	97.8%	**44,000**	**88**	99.8%	**39,000**	**150**	99.6%	**44,000 J**	**66**	99.9%
PFMOAA	**15,000**	**280**	98.1%	**23,000**	**170**	99.3%	**94,000**	**470**	99.5%	**49,000 J**	**540**	98.9%
PFO2HxA	**14,000**	**320**	97.7%	**11,000**	**66**	99.4%	**27,000**	**150**	99.4%	**18,000 J**	**99**	99.5%
PFO3OA	**3,800**	**89**	97.7%	**2,500**	**14**	99.4%	**3,100**	**16**	99.5%	**3,000 J**	**7.4**	99.8%
PFO4DA	**1,500**	**39**	97.4%	**1,300**	**3.3**	99.7%	**980**	**4.3**	99.6%	**1,200 J**	<2.0	>99.9%
PFO5DA	**700**	**11**	98.4%	**510**	<2.0	>99.9%	**420**	<2.0	>99.9%	**530 J**	<2.0	>99.9%
PMPA	**46,000**	**1,200**	97.4%	**37,000**	**180**	99.5%	**55,000**	**210**	99.6%	**43,000 J**	**160**	99.6%
PEPA	**29,000**	**730**	97.5%	**21,000**	**66**	99.7%	**29,000**	**120**	99.6%	**27,000 J**	**56**	99.8%
PS Acid	**5,100**	**130**	97.5%	**4,000**	**4.5**	99.9%	**2,300**	**4.0**	99.8%	**2,500 J**	<2.0	>99.9%
Hydro-PS Acid	**3,600**	**79**	97.8%	**2,600**	**3.4**	99.9%	**1,800**	**3.5**	99.8%	**2,200 J**	<2.0	>99.9%
R-PSDA	**9,500 J**	**150 J**	98.4%	**4,900 J**	**13 J**	99.7%	**5,200 J**	**12 J**	99.8%	**6,800 J**	**12 J**	99.8%
Hydrolyzed PSDA	**51,000 J**	**1,000 J**	98.0%	**29,000 J**	**99 J**	99.7%	**43,000 J**	**73 J**	99.8%	**40,000 J**	**74 J**	99.8%
R-PSDCA	**200**	**3.9**	98.1%	<35	<2.0	>99.9%	<17	<2.0	>99.9%	**130 J**	<2.0	>99.9%
NVHOS, Acid Form	**3,700**	**91**	97.5%	**2,800**	**6.8**	99.8%	**3,100**	**11**	99.6%	**3,100 J**	**6.6**	99.8%
EVE Acid	**3,900**	**110**	97.2%	**3,100**	**3.3**	99.9%	**1,900**	**2.5**	99.9%	**2,200 J**	<2.0	>99.9%
Hydro-EVE Acid	**5,100**	**140**	97.3%	**4,700**	**6.9**	99.9%	**3,300**	**7.5**	99.8%	**3,900 J**	<2.0	>99.9%
R-EVE	**5,500 J**	**83 J**	98.5%	**3,500 J**	**6.8 J**	99.8%	**4,400 J**	**8.7 J**	99.8%	**4,500 J**	**8.4 J**	99.8%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<13	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7 UJ	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<53	<2.0	>99.9%	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<96	<2.0	>99.9%	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**180,000**	**4,300**	**97.6%**	**160,000**	**610**	**99.6%**	**260,000**	**1,100**	**99.6%**	**200,000**	**940**	**99.5%**

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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-336-061423** Sample Date: 14-Jun-23	**SEEP-B-EFFLUENT-336-061423** Sample Date: 14-Jun-23	**Percent Removal**	**SEEP-B-INFLUENT-336-062923** Sample Date: 29-Jun-23	**SEEP-B-EFFLUENT-336-062923** Sample Date: 29-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**29,000**	**34**	99.9%	**19,000**	**61**	99.7%
PFMOAA	**28,000**	**380**	98.6%	**30,000**	**460**	98.5%
PFO2HxA	**16,000**	**67**	99.6%	**16,000**	**110**	99.3%
PFO3OA	**3,100**	**6.1**	99.8%	**2,300**	**9.1**	99.6%
PFO4DA	**1,200**	<2.0	>99.9%	**730**	<2.0	>99.9%
PFO5DA	**690**	<2.0	>99.9%	**340**	<2.0	>99.9%
PMPA	**27,000**	**130**	99.5%	**20,000**	**190**	99.1%
PEPA	**17,000**	**37**	99.8%	**12,000**	**52**	99.6%
PS Acid	**1,400**	<2.0	>99.9%	**530**	<2.0	>99.9%
Hydro-PS Acid	**1,800**	<2.0	>99.9%	**880**	<2.0	>99.9%
R-PSDA	**4,600 J**	**4.6 J**	99.9%	**2,800 J**	**7.6 J**	99.7%
Hydrolyzed PSDA	**27,000 J**	**27 J**	99.9%	**17,000 J**	**45 J**	99.7%
R-PSDCA	**85**	<2.0	>99.9%	**47**	<2.0	>99.9%
NVHOS, Acid Form	**2,100**	**3.6**	99.8%	**1,500**	**6.0**	99.6%
EVE Acid	**1,100**	<2.0	>99.9%	**420**	<2.0	>99.9%
Hydro-EVE Acid	**2,800**	<2.0	>99.9%	**1,500**	<2.0	>99.9%
R-EVE	**3,100 J**	**3.4 J**	99.9%	**1,900 J**	**5.5 J**	99.7%
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]	**130,000**	**660**	**99.5%**	**110,000**	**890**	**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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-204-040923** Sample Date: 9-Apr-23	**SEEP-C-EFFLUENT-204-040923** Sample Date: 9-Apr-23	**Percent Removal**	**SEEP-C-INFLUENT-336-042823** Sample Date: 28-Apr-23	**SEEP-C-EFFLUENT-318-042823** Sample Date: 28-Apr-23	**Percent Removal**	**SEEP-C-INFLUENT-336-051523** Sample Date: 15-May-23	**SEEP-C-EFFLUENT-336-051523** Sample Date: 15-May-23	**Percent Removal**	**SEEP-C-INFLUENT-336-053023** Sample Date: 30-May-23	**SEEP-C-EFFLUENT-336-053023** Sample Date: 30-May-23	**Percent Removal**
Hfpo Dimer Acid	**13,000**	**42**	99.7%	**7,800**	**32**	99.6%	**9,000**	**24**	99.7%	**11,000 J**	**14**	99.9%
PFMOAA	**32,000**	**220**	99.3%	**23,000**	**89**	99.6%	**24,000**	**100**	99.6%	**32,000 J**	**84**	99.7%
PFO2HxA	**16,000**	**100**	99.4%	**11,000**	**55**	99.5%	**11,000**	**44**	99.6%	**15,000 J**	**25**	99.8%
PFO3OA	**4,800**	**14**	99.7%	**3,300**	**10**	99.7%	**3,300**	**6.5**	99.8%	**4,100 J**	**3.4**	99.9%
PFO4DA	**1,800**	**3.9**	99.8%	**1,200**	**3.2**	99.7%	**1,300**	<2.0	>99.9%	**1,500 J**	<2.0	>99.9%
PFO5DA	**83**	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78 UJ	<2.0	>99.9%
PMPA	**5,900**	**76**	98.7%	**4,000**	**40**	99.0%	**4,000**	**28**	99.3%	**5,400 J**	**13**	99.8%
PEPA	**1,900**	<20	>99.9%	**1,300**	<20	>99.9%	**1,300**	<20	>99.9%	**1,800 J**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20 UJ	<2.0	>99.9%
Hydro-PS Acid	**330**	<2.0	>99.9%	**200**	<2.0	>99.9%	**210**	<2.0	>99.9%	**240 J**	<2.0	>99.9%
R-PSDA	**740 J**	<2.0	>99.9%	**290 J**	<2.0	>99.9%	**460 J**	<2.0	>99.9%	**540 J**	<2.0	>99.9%
Hydrolyzed PSDA	**710 J**	<2.0	>99.9%	**270 J**	<2.0	>99.9%	**700 J**	<2.0	>99.9%	**740 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%
NVHOS, Acid Form	**420**	**2.4**	99.4%	**260**	<2.0	>99.9%	**290**	<2.0	>99.9%	**400 J**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%
Hydro-EVE Acid	**890**	<2.0	>99.9%	**680**	**2.4**	99.6%	**610**	<2.0	>99.9%	**820 J**	<2.0	>99.9%
R-EVE	**570 J**	<2.0	>99.9%	**230 J**	<2.0	>99.9%	**340 J**	<2.0	>99.9%	**510 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 UJ	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**77,000**	**460**	**99.4%**	**53,000**	**230**	**99.6%**	**55,000**	**200**	**99.6%**	**72,000**	**140**	**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.
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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-336-061423** Sample Date: 14-Jun-23	**SEEP-C-EFFLUENT-336-061423** Sample Date: 14-Jun-23	**Percent Removal**	**SEEP-C-INFLUENT-336-062923** Sample Date: 29-Jun-23	**SEEP-C-EFFLUENT-336-062923** Sample Date: 29-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**9,200**	**7 B**	99.9%	**5,400**	**17**	99.7%
PFMOAA	**26,000**	**56**	99.8%	**15,000**	**89**	99.4%
PFO2HxA	**13,000**	**16**	99.9%	**7,400**	**36**	99.5%
PFO3OA	**4,900**	**2.1**	>99.9%	**2,300**	**3.6**	99.8%
PFO4DA	**1,700**	<2.0	>99.9%	**800**	<2.0	>99.9%
PFO5DA	**120**	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**4,400**	<10	>99.9%	**2,600**	**17**	99.3%
PEPA	**1,500**	<20	>99.9%	**850**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**230**	<2.0	>99.9%	**120**	<2.0	>99.9%
R-PSDA	**460 J**	<2.0	>99.9%	**280 J**	<2.0	>99.9%
Hydrolyzed PSDA	**570 J**	<2.0	>99.9%	**260 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**360**	<2.0	>99.9%	**220**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**650**	<2.0	>99.9%	**320**	<2.0	>99.9%
R-EVE	**420 J**	<2.0	>99.9%	**210 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]	**62,000**	**81**	**99.9%**	**35,000**	**160**	**99.5%**

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.
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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-D-INFLUENT-204-040923** Sample Date: 9-Apr-23	**SEEP-D-EFFLUENT-204-040923** Sample Date: 9-Apr-23	**Percent Removal**	**SEEP-D-INFLUENT-336-042823** Sample Date: 28-Apr-23	**SEEP-D-EFFLUENT-336-042823** Sample Date: 28-Apr-23	**Percent Removal**	**SEEP-D-INFLUENT-336-051523** Sample Date: 15-May-23	**SEEP-D-EFFLUENT-336-051523** Sample Date: 15-May-23	**Percent Removal**	**SEEP-D-INFLUENT-336-053023** Sample Date: 30-May-23	**SEEP-D-EFFLUENT-336-053023** Sample Date: 30-May-23	**Percent Removal**
Hfpo Dimer Acid	**14,000**	**5.2**	>99.9%	**7,000**	**5.7**	99.9%	**10,000**	**5 B**	>99.9%	**12,000 J**	**12**	99.9%
PFMOAA	**39,000**	**83**	99.8%	**25,000**	**21**	99.9%	**33,000**	**31**	99.9%	**39,000 J**	**76**	99.8%
PFO2HxA	**17,000**	**16**	99.9%	**11,000**	**8.9**	99.9%	**14,000**	**7.7**	>99.9%	**17,000 J**	**20**	99.9%
PFO3OA	**5,400**	<2.0	>99.9%	**3,100**	<2.0	>99.9%	**5,200 J**	<2.0	>99.9%	**5,000 J**	<2.0	>99.9%
PFO4DA	**1,600**	<2.0	>99.9%	**1,000**	<2.0	>99.9%	**1,500**	<2.0	>99.9%	**1,500 J**	<2.0	>99.9%
PFO5DA	**160**	<2.0	>99.9%	**94**	<2.0	>99.9%	<78	<2.0	>99.9%	**200 J**	<2.0	>99.9%
PMPA	**5,700**	**19**	99.7%	**3,700**	<10	>99.9%	**5,600**	<10	>99.9%	**6,200 J**	<10	>99.9%
PEPA	**1,800**	<20	>99.9%	**1,300**	<20	>99.9%	**1,800**	<20	>99.9%	**2,200 J**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20 UJ	<2.0	>99.9%
Hydro-PS Acid	**290**	<2.0	>99.9%	**160**	<2.0	>99.9%	**210**	<2.0	>99.9%	**280 J**	<2.0	>99.9%
R-PSDA	**870 J**	<2.0	>99.9%	**310 J**	<2.0	>99.9%	<71	<2.0	>99.9%	**800 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,800 J**	<2.0	>99.9%	**580 J**	<2.0	>99.9%	**1,300 J**	<2.0	>99.9%	**1,800 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%
NVHOS, Acid Form	**550**	<2.0	>99.9%	**320**	<2.0	>99.9%	**530**	<2.0	>99.9%	**530 J**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%
Hydro-EVE Acid	**900**	<2.0	>99.9%	**560**	<2.0	>99.9%	**800**	<2.0	>99.9%	**940 J**	<2.0	>99.9%
R-EVE	**710 J**	<2.0	>99.9%	**250 J**	<2.0	>99.9%	<72	<2.0	>99.9%	**690 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 UJ	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**86,000**	**120**	**99.9%**	**53,000**	**36**	**99.9%**	**73,000**	**44**	**99.9%**	**85,000**	**110**	**99.9%**

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.
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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-D-INFLUENT-336-061423** Sample Date: 14-Jun-23	**SEEP-D-EFFLUENT-336-061423** Sample Date: 14-Jun-23	**Percent Removal**	**SEEP-D-INFLUENT-336-062923** Sample Date: 29-Jun-23	**SEEP-D-EFFLUENT-336-062923** Sample Date: 29-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**12,000**	**68**	99.4%	**10,000**	**96**	99.0%
PFMOAA	**33,000**	**270**	99.2%	**35,000**	**500**	98.6%
PFO2HxA	**17,000**	**160**	99.1%	**16,000**	**230**	98.6%
PFO3OA	**6,100**	**21**	99.7%	**5,600**	**21**	99.6%
PFO4DA	**2,400**	<2.0	>99.9%	**1,600**	<2.0	>99.9%
PFO5DA	**240**	<2.0	>99.9%	**190**	<2.0	>99.9%
PMPA	**5,600**	**37**	99.3%	**5,600**	**67**	98.8%
PEPA	**2,000**	<20	>99.9%	**1,900**	**21**	98.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**310**	<2.0	>99.9%	**250**	<2.0	>99.9%
R-PSDA	**720 J**	**5.3 J**	99.3%	**670 J**	**5.7 J**	99.1%
Hydrolyzed PSDA	**1,600 J**	**11 J**	99.3%	**1,500 J**	**13 J**	99.1%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**480**	**4.5**	99.1%	**470**	**5.9**	98.7%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**910**	<2.0	>99.9%	**750**	<2.0	>99.9%
R-EVE	**600 J**	**6.3 J**	99.0%	**570 J**	**7.5 J**	98.7%
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]	**80,000**	**560**	**99.3%**	**77,000**	**940**	**98.8%**

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.
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.
UJ - Analyte not detected. Reporting limit 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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**SEEP-A-INFLUENT-RAIN-19-040923** Sample Date: 09-Apr-23	**SEEP-A-EFFLUENT-RAIN-19-040923** Sample Date: 09-Apr-23	**Percent Removal**	**SEEP-A-INFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**SEEP-A-EFFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**Percent Removal**	**SEEP-A-INFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**SEEP-A-EFFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**13,000**	**12**	99.9%	**15,000 J**	**83**	99.4%	**15,000**	**110**	99.3%
PFMOAA	**33,000**	**120**	99.6%	**38,000 J**	**580**	98.5%	**45,000**	**850**	98.1%
PFO2HxA	**21,000**	**26**	99.9%	**21,000 J**	**200**	99.0%	**28,000**	**380**	98.6%
PFO3OA	**6,900**	**4.2**	99.9%	**5,900 J**	**21**	99.6%	**6,500**	**33**	99.5%
PFO4DA	**2,800**	<2.0	>99.9%	**2,400 J**	**4.4**	99.8%	**2,700**	**6.2**	99.8%
PFO5DA	**1,300**	<2.0	>99.9%	**1,300 J**	**3.0**	99.8%	**1,500**	**4.5**	99.7%
PMPA	**13,000**	**53**	99.6%	**12,000 J**	**100**	99.2%	**13,000**	**160**	98.8%
PEPA	**5,600**	<20	>99.9%	**5,400 J**	**34**	99.4%	**5,500**	**51**	99.1%
PS Acid	**550**	<2.0	>99.9%	**220 J**	<2.0	>99.9%	**200**	<2.0	>99.9%
Hydro-PS Acid	**460**	<2.0	>99.9%	**500 J**	<2.0	>99.9%	**530**	<2.0	>99.9%
R-PSDA	**1,100 J**	<2.0	>99.9%	**1,500 J**	**11 J**	99.3%	**1,600 J**	**11 J**	99.3%
Hydrolyzed PSDA	**5,600 J**	**6.1 J**	99.9%	**9,400 J**	**100 J**	98.9%	**11,000 J**	**98 J**	99.1%
R-PSDCA	**18**	<2.0	>99.9%	**21 J**	<2.0	>99.9%	**17**	<2.0	>99.9%
NVHOS, Acid Form	**550**	<2.0	>99.9%	**610 J**	**5.3**	99.1%	**720**	**7.9**	98.9%
EVE Acid	**120**	<2.0	>99.9%	**37 J**	<2.0	>99.9%	**28**	<2.0	>99.9%
Hydro-EVE Acid	**490**	<2.0	>99.9%	**520 J**	<2.0	>99.9%	**520**	<2.0	>99.9%
R-EVE	**600 J**	<2.0	>99.9%	**730 J**	**6.3 J**	99.1%	**810 J**	**8.0 J**	99.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7 UJ	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)[1,2]	**99,000**	**220**	**99.8%**	**100,000**	**1,000**	**99.0%**	**120,000**	**1,600**	**98.7%**

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
< - Analyte not detected above associated reporting limit.

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

Table 3+ SOP (ng/L)	**SEEP-B-INFLUENT-RAIN-20-040923** Sample Date: 09-Apr-23	**SEEP-B-EFFLUENT-RAIN-20-040923** Sample Date: 09-Apr-23	**Percent Removal**	**SEEP-B-INFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**SEEP-B-EFFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**Percent Removal**	**SEEP-B-INFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**SEEP-B-EFFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**34,000**	**42 J**	99.9%	**41,000 J**	**68**	99.8%	**30,000**	**58**	99.8%
PFMOAA	**8,000**	**73 J**	99.1%	**44,000 J**	**470**	98.9%	**60,000 J**	**810**	98.7%
PFO2HxA	**7,000**	**23**	99.7%	**18,000 J**	**100**	99.4%	**23,000**	**130**	99.4%
PFO3OA	**2,300**	**5.5**	99.8%	**2,600 J**	**8.0**	99.7%	**3,600**	**10**	99.7%
PFO4DA	**1,100**	<2.0	>99.9%	**1,000 J**	<2.0	>99.9%	**970**	<2.0	>99.9%
PFO5DA	**460**	<2.0	>99.9%	**450 J**	<2.0	>99.9%	**460**	<2.0	>99.9%
PMPA	**25,000**	**77**	99.7%	**40,000 J**	**140**	99.7%	**38,000**	**270**	99.3%
PEPA	**15,000**	**28**	99.8%	**24,000 J**	**55**	99.8%	**19,000**	**66**	99.7%
PS Acid	**2,900**	**3.1**	99.9%	**2,200 J**	<2.0	>99.9%	**980**	<2.0	>99.9%
Hydro-PS Acid	**2,000**	**2.3**	99.9%	**2,100 J**	<2.0	>99.9%	**1,400**	<2.0	>99.9%
R-PSDA	**4,500 J**	**3.7 J**	99.9%	**6,400 J**	**13 J**	99.8%	**4,900 J**	**7.8 J**	99.8%
Hydrolyzed PSDA	**28,000 J**	**32 J**	99.9%	**37,000 J**	**87 J**	99.8%	**31,000 J**	**50 J**	99.8%
R-PSDCA	**110**	<2.0	>99.9%	**120 J**	<2.0	>99.9%	**81**	<2.0	>99.9%
NVHOS, Acid Form	**2,200**	**4.0**	99.8%	**2,800 J**	**7.3**	99.7%	**2,400**	**6.4**	99.7%
EVE Acid	**2,100**	**2.3**	99.9%	**2,100 J**	<2.0	>99.9%	**800**	<2.0	>99.9%
Hydro-EVE Acid	**3,100**	**3.6**	99.9%	**3,700 J**	**2.2**	99.9%	**2,500**	**2.1**	99.9%
R-EVE	**2,600 J**	**3.0 J**	99.9%	**4,100 J**	**9.5 J**	99.8%	**3,700 J**	**6.4 J**	99.8%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7 UJ	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)[1,2]	**110,000**	**260**	**99.8%**	**180,000**	**850**	**99.5%**	**180,000**	**1,400**	**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 2-5C
FTC Wet Weather Analytical Results - Seep C
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**SEEP-C-INFLUENT-RAIN-20-040923** Sample Date: 09-Apr-23	**SEEP-C-EFFLUENT-RAIN-20-040923** Sample Date: 09-Apr-23	**Percent Removal**	**SEEP-C-INFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**SEEP-C-EFFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**Percent Removal**	**SEEP-C-INFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**SEEP-C-EFFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**8,000**	**80**	99.0%	**12,000 J**	**21**	99.8%	**11,000**	**22**	99.8%
PFMOAA	**19,000**	**240**	98.7%	**34,000 J**	**170**	99.5%	**33,000**	**200**	99.4%
PFO2HxA	**9,700**	**110**	98.9%	**16,000 J**	**41**	99.7%	**17,000**	**59**	99.7%
PFO3OA	**3,500**	**35**	99.0%	**4,300 J**	**4.0**	99.9%	**4,400**	**5.2**	99.9%
PFO4DA	**1,200**	**11**	99.1%	**1,400 J**	<2.0	>99.9%	**1,400**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	**94 J**	<2.0	>99.9%	**92**	<2.0	>99.9%
PMPA	**3,500**	**72**	97.9%	**6,000 J**	**25**	99.6%	**4,900**	**28**	99.4%
PEPA	**1,100**	<20	>99.9%	**2,000 J**	<20	>99.9%	**1,700**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20 UJ	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**210**	<2.0	>99.9%	**250 J**	<2.0	>99.9%	**220**	<2.0	>99.9%
R-PSDA	**280 J**	<2.0	>99.9%	**890 J**	**2.0 J**	99.8%	**550 J**	<2.0	>99.9%
Hydrolyzed PSDA	**350 J**	**2.3 J**	99.3%	**1,100 J**	**3.6 J**	99.7%	**660 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**260**	**3.3**	98.7%	**420 J**	<2.0	>99.9%	**440**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17 UJ	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**550**	**4.8**	99.1%	**840 J**	<2.0	>99.9%	**660**	<2.0	>99.9%
R-EVE	**280 J**	<2.0	>99.9%	**780 J**	**2.0 J**	99.7%	**520 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7 UJ	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48 UJ	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)[1,2]	**47,000**	**560**	**98.8%**	**77,000**	**260**	**99.7%**	**75,000**	**310**	**99.6%**

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]"
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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**SEEP-D-INFLUENT-RAIN-21-040923** Sample Date: 09-Apr-23	**SEEP-D-EFFLUENT-RAIN-21-040923** Sample Date: 09-Apr-23	**Percent Removal**	**SEEP-D-EFFLUENT-RAIN-24-052823** Sample Date: 28-May-23	**Percent Removal**	**SEEP-D-INFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**SEEP-D-EFFLUENT-RAIN-24-062123** Sample Date: 21-Jun-23	**Percent Removal**
Hfpo Dimer Acid	**7,800**	**5.1**	99.9%	**9.3 B**	-	**11,000**	**100**	99.1%
PFMOAA	**35,000**	**57**	99.8%	**74**	-	**41,000**	**650**	98.4%
PFO2HxA	**16,000**	**11**	99.9%	**14**	-	**20,000**	**290**	98.6%
PFO3OA	**5,600**	<2.0	>99.9%	<2.0	-	**5,400**	**28**	99.5%
PFO4DA	**1,800**	<2.0	>99.9%	<2.0	-	**1,700**	**3.5**	99.8%
PFO5DA	**160**	<2.0	>99.9%	<2.0	-	**180**	<2.0	>99.9%
PMPA	**5,200**	<10	>99.9%	**10**	-	**5,700**	**75**	98.7%
PEPA	**1,700**	<20	>99.9%	<20	-	**2,000**	**24**	98.8%
PS Acid	<20	<2.0	>99.9%	<2.0	-	<20	<2.0	>99.9%
Hydro-PS Acid	**260**	<2.0	>99.9%	<2.0	-	**270**	<2.0	>99.9%
R-PSDA	**500 J**	<2.0	>99.9%	<2.0	-	**800 J**	**7.1 J**	99.1%
Hydrolyzed PSDA	**1,400 J**	<2.0	>99.9%	<2.0	-	**1,700 J**	**17 J**	99.0%
R-PSDCA	<17	<2.0	>99.9%	<2.0	-	<17	<2.0	>99.9%
NVHOS, Acid Form	**500**	<2.0	>99.9%	<2.0	-	**520**	**6.6**	98.7%
EVE Acid	<17	<2.0	>99.9%	<2.0	-	<17	<2.0	>99.9%
Hydro-EVE Acid	**840**	<2.0	>99.9%	<2.0	-	**870**	**2.1**	99.8%
R-EVE	**460 J**	<2.0	>99.9%	<2.0	-	**680 J**	**9.0 J**	98.7%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<2.0	-	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<2.0	-	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<2.0	-	<48	<2.0	>99.9%
Total Table 3+ (17 Compounds)[1,2]	**75,000**	**73**	**99.9%**	**110**	**-**	**89,000**	**1,200**	**98.7%**

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.
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 #2 (Apr - Jun 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]
4/9/2023	8.4	8.7	0.3	7.6	7.6	0.0	1,558	349	-1209	15	14	-1	28.85	0.93	-27.92	NS	NS	--
4/28/2023	6.8	7.0	0.2	7.9	7.6	-0.3	300	212	-88	21	20	-1	27.13	1.33	-25.80	13	< 1.1	-13.0
5/15/2023	6.2	5.4	-0.8	7.5	7.6	0.1	268	207	-61	31	30	-1	17.18	4.50	-12.68	5.2	< 1.1	-5.2
5/30/2023	5.1	6.0	0.9	6.5	6.7	0.2	257	202	-55	25	23	-2	40.61	3.28	-37.33	7.6	< 1.1	-7.6
6/14/2023	5.8	5.9	0.1	7.2	7.4	0.2	349	264	-85	25	26	1	13.39	3.63	-9.76	4.4	< 1.1	-4.4
6/29/2023	5.4	6.6	1.2	6.1	6.4	0.3	281	282	1	15	14	-1	87.79	4.03	-83.76	25	< 1.1	-25.0
Average	*6.3*	*6.6*	*0.3*	*7.1*	*7.2*	*0.1*	*502.0*	*252.8*	*-249.2*	*22.0*	*21.2*	*-0.8*	*35.8*	*3.0*	*-32.8*	*11.0*	*ND*	*-11.0*
Median	*6.0*	*6.3*	*0.3*	*7.4*	*7.5*	*0.1*	*290.5*	*237.9*	*-52.6*	*22.7*	*21.5*	*-1.2*	*28.0*	*3.5*	*-24.5*	*7.6*	*ND*	*-7.6*

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.
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
NS - Sample not collected. Cape Fear River exceeded the action level developed for FTC management on April 9, 2023.

Table 2-6B
FTC Water Quality Data - Seep B
Quarterly Report #2 (Apr - Jun 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]
4/9/2023	9.0	9.2	0.2	7.5	7.5	0.0	236	165	-71	14	14	0	183.06	24.98	-158.08	NS	NS	--
4/28/2023	7.0	7.3	0.3	7.2	7.2	0.0	126	138	12	20	19	-1	61.89	6.39	-55.50	38	1.6 J	-36.4
5/15/2023	6.5	6.9	0.4	7.6	7.9	0.3	182	180	-2	30	29	-1	88.73	1.99	-86.74	120	< 1.1	-120.0
5/30/2023	6.0	6.8	0.8	6.7	7.3	0.6	177	191	14	23	22	-1	119.22	10.81	-108.41	28	< 1.1	-28.0
6/14/2023	5.7	7.0	1.3	7.3	8.2	0.9	312	303	-9	25	25	0	516.06	13.06	-503.00	300	< 1.1	-300.0
6/29/2023	7.4	7.2	-0.2	6.5	6.8	0.3	226	223	-3	14	13	-1	252.38	10.67	-241.71	74	2 J	-72.0
Average	*6.9*	*7.4*	*0.5*	*7.1*	*7.5*	*0.4*	*209.8*	*200.1*	*-9.7*	*21.0*	*20.3*	*-0.7*	*203.6*	*11.3*	*-192.3*	*112.0*	*1.8*	*-110.2*
Median	*6.8*	*7.1*	*0.3*	*7.2*	*7.4*	*0.2*	*204.2*	*185.5*	*-18.7*	*21.3*	*20.5*	*-0.8*	*151.1*	*10.7*	*-140.4*	*74.0*	*1.8*	*-72.2*

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.
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
NS - Sample not collected. Cape Fear River exceeded the action level developed for FTC management on April 9, 2023.

Table 2-6C
FTC Water Quality Data - Seep C
Quarterly Report #2 (Apr - Jun 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]
4/9/2023	9.3	9.3	0.0	7.3	7.6	0.3	119	177	58	14	14	0	94.36	1.69	-92.67	NS	NS	--
4/28/2023	7.3	6.9	-0.4	7.3	9.4	2.1	116	134	18	20	20	0	294.29	30.18	-264.11	96	6	-90
5/15/2023	6.9	7.3	0.4	8.0	8.1	0.1	154	172	18	30	29	-1	225.40	13.89	-211.51	9.6	2 J	-7.6
5/30/2023	7.5	4.4	-3.1	7.3	7.7	0.4	165	158	-7	22	23	1	360.93	19.82	-341.11	20	< 1.1	-20
6/14/2023	7.8	6.2	-1.6	8.1	8.1	0.0	222	212	-10	25	25	0	20.85	1.76	-19.09	8	< 1.1	-8
6/29/2023	7.1	7.4	0.3	6.9	7.4	0.5	203	198	-5	12	12	0	415.01	17.10	-397.91	11	< 1.1	-11
Average	*7.7*	*6.9*	*-0.8*	*7.5*	*8.1*	*0.6*	*163.2*	*175.1*	*11.9*	*20.5*	*20.4*	*-0.1*	*235.1*	*14.1*	*-221.0*	*29*	*4*	*-25*
Median	*7.4*	*7.1*	*-0.3*	*7.3*	*7.9*	*0.6*	*159.7*	*174.4*	*14.7*	*21.0*	*21.2*	*0.2*	*259.8*	*15.5*	*-244.3*	*11*	*4*	*-7*

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.
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
NS - Sample not collected. Cape Fear River exceeded the action level developed for FTC management on April 9, 2023.

Table 2-6D
FTC Water Quality Data - Seep D
Quarterly Report #2 (Apr - Jun 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]
4/9/2023	9.3	9.2	-0.1	5.6	5.4	-0.2	249	195	-54	14	15	1	5.31	0.00	-5.31	NS	NS	--
4/28/2023	7.4	6.9	-0.5	7.9	6.3	-1.6	110	112	2	20	19	-1	3.96	0.81	-3.15	4	< 1.1	-4.0
5/15/2023	7.1	6.0	-1.1	7.7	6.9	-0.8	134	135	1	30	29	-1	11.04	1.66	-9.38	8.4	< 1.1	-8.4
5/30/2023	7.0	6.0	-1.0	7.5	6.9	-0.6	125	133	8	23	23	0	22.51	1.69	-20.82	3.2 J	< 1.1	-3.2
6/14/2023	5.6	5.2	-0.4	8.0	7.5	-0.5	143	207	64	25	25	0	206.99[3]	143.17[3]	-63.82	7.2	< 1.1	-7.2
6/29/2023	6.1	6.7	0.6	7.3	7.0	-0.3	117	153	36	14	14	0	26.68	11.57	-15.11	9.6	1.2 J	-8.4
Average	*7.1*	*6.7*	*-0.4*	*7.3*	*6.7*	*-0.6*	*146.3*	*155.9*	*9.6*	*21.0*	*20.9*	*-0.1*	*46.1*	*26.5*	*-19.6*	*6.5*	*1.2*	*-5.3*
Median	*7.1*	*6.4*	*-0.7*	*7.6*	*6.9*	*-0.7*	*129.3*	*143.9*	*14.6*	*21.4*	*21.3*	*-0.1*	*16.8*	*1.7*	*-15.1*	*7.2*	*1.2*	*-6.0*

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 - The June 14, 2023 turbidity measurements were reported opposite from shown in this table (i.e., 206.99 NTU in the effluent). However, a higher turbidity reading in the effluent is anomalous when compared to historical data, and does not correlate to the TSS results measured by the laboratory. As such, it is presumed that the turbidity readings shown here are the corrent orientation.
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
NS - Sample not collected. Cape Fear River exceeded the action level developed for FTC management on April 9, 2023.

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Flow Data from 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)
5/25/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	148,544	148,544
5/26/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	147,208	295,752
5/27/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	150,013	445,765
5/28/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	97,175	542,940
5/29/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	7	542,947
5/30/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	542,947
5/31/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	542,947
May Total	Not Available						542,947	
6/1/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	4	542,952
6/2/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	42	542,994
6/3/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	51	543,045
6/4/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	18	543,063
6/5/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	3	543,066
6/6/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	50	543,117
6/7/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	18	543,134
6/8/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	40,837	583,972
6/9/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/10/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/11/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/12/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/13/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/14/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	583,972
6/15/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	250,705	834,676
6/16/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	47,613	882,290
6/17/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	882,290
6/18/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	882,290
6/19/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	882,290
6/20/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	882,290
6/21/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	293,603	1,175,893
6/22/2023	950,750	226,015	565,286	95,831	56,586	1,894,468	299,913	1,475,806
6/23/2023	1,101,612	226,015	616,380	101,888	75,566	2,121,461	296,359	1,772,165
6/24/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	296,817	2,068,983
6/25/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	14,099	2,083,082
6/26/2023	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	0	2,083,082
6/27/2023	1,224,250	266,943	678,031	114,202	84,218	2,367,644	0	2,083,082
6/28/2023	1,224,250	266,943	678,031	116,542	86,220	2,371,986	0	2,083,082
6/29/2023	1,249,775	266,943	678,031	117,690	86,482	2,398,922	0	2,083,082
6/30/2023	1,249,775	266,943	678,031	120,084	86,751	2,401,584	0	2,083,082
June Total	Not Available						1,540,134	
Reporting Period Total	1,249,775	266,943	678,031	120,084	86,751	2,401,584	2,083,082	

Notes:

1 - Pumping from Ex-Situ Seep and Weep locations to the Surge Pond initiated April 20. The 004 Treatment Plant began treating water from the Surge Pond on May 25.

2 - Automated data collection via control panels and telemetry from individual Seeps and Weeps capture systems was still under construction in this reporting period. On June 22, totalizer flow data began to be manually collected from each system and is reported above. From April 20 through June 22, and from June 24 through June 26, the capture systems were operational, but flow information is not available as noted above.

3 - Flow data from the Surge Pond through the 004 treatment plant is collected and managed by Veolia, and is available for the full operation of treatment of Surge Pond water starting May 25.

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #2 (Apr - Jun 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

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #2 (Apr - Jun 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)
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

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #2 (Apr - Jun 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)
OW-15	Black Creek Aquifer	399719.91	2051608.62	87.86	1	44	34-44
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 Constructed - Barrier Wall Conflict					
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

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #2 (Apr - Jun 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)
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
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	398545.10	2051977.53	81.85	2	27	17-27
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	398532.45	2051965.91	83.37	2	74	64-74
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.

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
Prior Total	N/A	25,677,439
4/1/2023	521	26,427,939
4/2/2023	427	27,038,839
4/3/2023	495	27,752,291
4/4/2023	553	28,550,715
4/5/2023	543	29,327,115
4/6/2023	531	30,085,791
4/7/2023	565	30,899,415
4/8/2023	568	31,713,765
4/9/2023	566	32,527,465
4/10/2023	560	33,332,339
4/11/2023	566	34,151,815
4/12/2023	554	34,946,639
4/13/2023	552	35,739,165
4/14/2023	558	36,538,239
4/15/2023	556	37,336,563
4/16/2023	558	38,136,339
4/17/2023	543	38,916,267
4/18/2023	528	39,673,591
4/19/2023	530	40,437,315
4/20/2023	483	41,125,439
4/21/2023	555	41,920,691
4/22/2023	555	42,718,739
4/23/2023	552	43,511,563
4/24/2023	534	44,279,039
4/25/2023	564	45,086,415
4/26/2023	549	45,877,615
4/27/2023	533	46,651,163
4/28/2023	550	47,440,215
4/29/2023	544	48,220,839
4/30/2023	545	49,003,139
April Total	N/A	23,325,700

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

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
5/1/2023	539	49,776,739
5/2/2023	534	50,543,291
5/3/2023	536	51,312,615
5/4/2023	519	52,057,839
5/5/2023	521	52,803,939
5/6/2023	524	53,554,867
5/7/2023	517	54,296,439
5/8/2023	526	55,051,291
5/9/2023	521	55,797,667
5/10/2023	512	56,532,067
5/11/2023	509	57,262,915
5/12/2023	508	57,992,615
5/13/2023	514	58,729,363
5/14/2023	507	59,455,991
5/15/2023	502	60,178,915
5/16/2023	514	60,917,291
5/17/2023	496	61,650,763
5/18/2023	485	62,344,467
5/19/2023	496	63,063,267
5/20/2023	487	63,769,591
5/21/2023	435	64,398,015
5/22/2023	435	65,030,163
5/23/2023	480	65,727,363
5/24/2023	489	66,432,267
5/25/2023	484	67,135,191
5/26/2023	485	67,839,539
5/27/2023	491	68,552,739
5/28/2023	492	69,265,267
5/29/2023	485	69,968,067
5/30/2023	483	70,668,843
5/31/2023	481	71,364,163
May Total	N/A	22,361,024

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

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
6/1/2023	483	72,064,539
6/2/2023	481	72,762,963
6/3/2023	481	73,461,643
6/4/2023	461	74,131,267
6/5/2023	478	74,822,467
6/6/2023	475	75,511,643
6/7/2023	475	76,201,763
6/8/2023	468	76,880,515
6/9/2023	478	77,569,691
6/10/2023	488	78,275,611
6/11/2023	487	78,981,563
6/12/2023	487	79,688,267
6/13/2023	486	80,393,691
6/14/2023	486	81,099,339
6/15/2023	483	81,801,691
6/16/2023	478	82,494,587
6/17/2023	474	83,181,667
6/18/2023	475	83,869,915
6/19/2023	476	84,560,043
6/20/2023	473	85,245,139
6/21/2023	470	85,928,243
6/22/2023	472	86,614,219
6/23/2023	469	87,295,267
6/24/2023	462	87,966,563
6/25/2023	466	88,643,867
6/26/2023	469	89,323,243
6/27/2023	457	89,997,339
6/28/2023	457	90,655,363
6/29/2023	454	91,314,267
6/30/2023	467	91,990,363
June Total	N/A	20,626,200
Reporting Period Total	N/A	66,312,924

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Average Extraction Flow Rate (gpm)			Total Volume (gal)			
	April 2023	May 2023	June 2023	April 2023	May 2023	June 2023	Total Reporting Period
Willis Creek (Northern Alignment)							
EW-01	12.97	12.90	12.86	560,285	575,984	555,505	1,691,775
EW-02	7.99	7.95	7.91	345,027	355,057	341,815	1,041,899
EW-03	2.07	1.43	1.37	89,420	63,729	59,276	212,424
EW-04	0.47	0.15	0.13	20,119	6,692	5,712	32,523
EW-05	14.32	13.92	13.85	618,449	621,555	598,276	1,838,281
EW-06	12.08	11.93	11.41	522,015	532,629	492,792	1,547,436
EW-07	1.58	1.26	0.29	68,116	56,430	12,392	136,938
EW-08	4.62	4.55	4.93	199,483	202,891	212,906	615,280
EW-09	0.02	0.00	0.00	914	75	0	989
EW-10	0.84	0.13	0.00	36,283	5,807	0	42,090
EW-11	0.26	0.38	0.00	11,307	16,972	0	28,279
EW-12	2.14	2.05	0.76	92,529	91,554	32,783	216,866
EW-13	0.77	0.67	0.58	33,425	30,115	25,008	88,548
EW-14	4.31	4.88	4.54	186,352	218,044	196,174	600,571
EW-15	0.00	0.00	0.00	0	0	0	0
Average Northern Alignment EW	4.30	4.15	3.91	N/A	N/A	N/A	N/A
Barrier Wall (Southern Alignment)							
EW-16	2.50	2.10	2.07	108,138	93,588	89,240	290,967
EW-17	2.00	2.53	2.04	86,589	112,806	88,198	287,593
EW-18	1.14	1.08	0.93	49,463	48,350	40,012	137,824
EW-19	0.16	0.03	0.00	7,020	1,275	0	8,295
EW-20	0.39	0.33	0.25	16,761	14,512	10,872	42,145
EW-21	0.00	0.00	0.00	0	0	37	37
EW-22	5.70	7.45	7.13	246,416	332,727	308,168	887,311
EW-23	0.00	0.00	0.00	0	0	0	0
EW-24	1.63	1.93	2.11	70,611	85,941	91,088	247,640
EW-25	3.57	2.37	2.38	154,273	105,603	102,647	362,523
EW-26S	3.78	4.48	4.80	163,093	199,849	207,542	570,485
EW-27	4.65	5.47	5.82	201,055	244,222	251,293	696,570
EW-28	0.82	0.81	0.76	35,452	36,279	32,750	104,481
EW-29	4.21	4.32	4.33	181,764	192,623	186,861	561,249
EW-30	6.93	6.44	6.26	299,424	287,401	270,566	857,391
EW-31	4.95	6.47	7.10	213,807	288,630	306,854	809,291
EW-32	0.05	0.00	0.71	1,971	0	30,479	32,450
EW-33	1.63	1.70	1.68	70,441	75,717	72,671	218,829
EW-34	11.44	12.17	12.86	494,392	543,422	555,680	1,593,495
EW-35	0.00	0.00	0.00	0	0	0	0
EW-36	14.98	14.92	14.64	647,344	665,933	632,286	1,945,563
EW-37	7.48	2.23	4.10	323,036	99,432	177,097	599,565
EW-38	15.91	16.90	16.82	687,422	754,424	726,485	2,168,331
EW-39	0.93	1.30	1.37	40,014	57,902	59,008	156,925
EW-40	19.95	19.34	19.79	861,856	863,206	854,807	2,579,869
EW-41	18.55	18.49	16.62	801,252	825,311	717,834	2,344,397
EW-42	14.05	16.89	14.65	606,818	753,916	632,951	1,993,685
EW-43	19.99	19.18	14.74	863,418	856,077	636,906	2,356,400
EW-44	0.00	0.00	0.00	0	0	0	0
EW-45	16.81	17.40	16.73	725,990	776,879	722,834	2,225,703
EW-46	0.00	0.00	0.00	8	0	0	8
EW-47	16.91	16.12	15.51	730,474	719,575	670,030	2,120,079
EW-48	0.23	0.24	0.20	10,046	10,876	8,450	29,372
EW-49	17.94	17.67	16.71	775,112	788,569	721,822	2,285,503
EW-50	1.76	2.31	2.47	76,055	103,314	106,726	286,095
EW-51	13.69	9.76	7.79	591,313	435,895	336,313	1,363,522
EW-52	20.70	14.76	13.85	894,052	658,710	598,318	2,151,080
EW-53	9.07	0.33	1.68	391,669	14,642	72,466	478,777
EW-54	15.97	10.75	9.20	689,965	479,936	397,400	1,567,300
EW-55	11.94	7.77	9.53	515,781	346,810	411,771	1,274,362
EW-56	19.91	14.94	13.85	860,311	666,755	598,331	2,125,397
EW-57	3.55	1.36	0.08	153,558	60,902	3,277	217,737
EW-58	1.17	1.30	1.56	50,541	58,201	67,435	176,178
EW-60	9.99	7.12	2.74	431,658	317,867	118,378	867,903
EW-61	13.99	11.39	4.39	604,357	508,433	189,847	1,302,637
EW-62	6.70	5.80	5.94	289,604	258,994	256,439	805,037
EW-63	16.80	14.92	13.88	725,655	665,886	599,614	1,991,154
EW-64	0.00	0.00	0.00	0	0	0	0
EW-65	0.63	0.75	0.57	27,255	33,481	24,574	85,309
EW-66	24.77	22.76	19.21	1,070,105	1,016,030	829,895	2,916,030
EW-67	30.12	30.94	31.66	1,301,006	1,381,130	1,367,636	4,049,772
EW-68	27.98	27.84	27.70	1,208,720	1,242,947	1,196,630	3,648,297
EW-69	26.94	27.82	27.70	1,163,636	1,242,055	1,196,617	3,602,308
Average Southern Alignment EW	8.96	8.17	7.68	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 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST[1] *(ng/L)*	**EW-1** **EW-01-041223** Sample Date: 12-Apr-23	**EW-2** **EW-02-041223** Sample Date: 12-Apr-23	**EW-3** **EW-03-041223** Sample Date: 12-Apr-23	**EW-4** **EW-04-041223** Sample Date: 12-Apr-23	**EW-5** **EW-05-041223** Sample Date: 12-Apr-23	**EW-6** **EW-06-041223** Sample Date: 12-Apr-23	**EW-7** **EW-07-041223** Sample Date: 12-Apr-23	**EW-8** **EW-08-041223** Sample Date: 12-Apr-23	**EW-9** **EW-09-041223** Sample Date: 12-Apr-23	**EW-10** **EW-10-041223** Sample Date: 12-Apr-23	**EW-11** **EW-11-041223** Sample Date: 12-Apr-23	**EW-12** **EW-12-041223** Sample Date: 12-Apr-23	**EW-13** **EW-13-041223** Sample Date: 12-Apr-23	**EW-14** **EW-14-041223** Sample Date: 12-Apr-23	**EW-15** **EW-15-041223** Sample Date: 12-Apr-23	**EW-16** **EW-16-041223** Sample Date: 12-Apr-23	**EW-17** **EW-17-041223** Sample Date: 12-Apr-23
Hfpo Dimer Acid	**2,400**	**9,400**	**1,500**	**2,400**	**2,100**	**3,000**	**2,600**	**7,200**	**6,900**	**6,200**	**12,000**	**9,400**	**5,800**	**13,000**	**6,700**	**5,700**	**7,400**
PFMOAA	**11,000**	**53,000**	**210**	**220**	**530**	**1,000**	**3,400 J**	**1,100**	**1,200**	**3,700**	**11,000**	**13,000**	**8,500**	**9,200**	**3,800**	**12,000**	**12,000**
PFO2HxA	**3,700**	**17,000**	**680**	**850**	**1,400**	**1,500**	**1,300**	**4,200**	**4,500**	**4,700**	**10,000**	**9,800**	**5,800**	**11,000**	**5,000**	**6,200**	**8,300**
PFO3OA	**570**	**3,800**	<89	<89	**250**	**140**	**89**	**690**	**610**	**830**	**2,000**	**1,700**	**1,200**	**2,300**	**660**	**1,000**	**1,000**
PFO4DA	**74**	**860**	<40	<40	<40	<40	<40	**130**	**100**	<40	**230**	**400**	**110**	**370**	**64**	**83**	**270**
PFO5DA	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
PMPA	**3,400**	**12,000**	**3,000**	**4,500**	**2,600**	**3,400**	**3,800**	**6,300**	**6,200**	**6,900**	**11,000**	**11,000**	**6,400**	**12,000**	**7,800**	**5,500**	**6,600**
PEPA	**680**	**2,600**	**640**	**940**	**670**	**850**	**770**	**2,000**	**1,800**	**2,000**	**3,300**	**2,900**	**1,700**	**3,700**	**2,100**	**1,500**	**1,900**
PS Acid	<40	**560**	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hydro-PS Acid	**75**	**220**	<44	<44	<44	<44	<44	<44	<44	<44	<44	**61**	<44	**56**	<44	<44	<44
R-PSDA	**720 J**	**3,300 J**	**850 J**	**1,000 J**	**650 J**	**540 J**	**530 J**	**860 J**	**820 J**	**620 J**	**640 J**	**840 J**	**320 J**	**590 J**	**630 J**	**400 J**	**530 J**
Hydrolyzed PSDA	**1,000 J**	**19,000 J**	**66 J**	<27	<27	<27	<27	<27	<27 J	<27	**66 J**	**110 J**	**56 J**	**39 J**	**56 J**	**37 J**	**48 J**
R-PSDCA	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
NVHOS, Acid Form	**180**	**920**	<130	<130	<130	<130	<130	<130	<130	<130	**160**	**190**	<130	<130	<130	**130**	**180**
EVE Acid	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hydro-EVE Acid	**180**	**340**	<24	<24	<24	<24	<24	<24	<24	<24	**25**	**26**	<24	**30**	<24	<24	<24
R-EVE	**450 J**	**830 J**	**480 J**	**590 J**	**310 J**	**340 J**	**330 J**	**490 J**	**470 J**	**350 J**	**370 J**	**410 J**	**220 J**	**370 J**	**420 J**	**210 J**	**290 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
PFECA B	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62
PFECA-G	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
Total Table 3+ (17 compounds)[1,2]	**22,000**	**100,000**	**6,000**	**8,900**	**7,600**	**9,900**	**12,000**	**22,000**	**21,000**	**24,000**	**50,000**	**48,000**	**30,000**	**52,000**	**26,000**	**32,000**	**38,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] ***(ng/L)***	**EW-18** **EW-18-041223** Sample Date: 12-Apr-23	**EW-19** **EW-19-041223** Sample Date: 12-Apr-23	**EW-20** **EW-20-041223** Sample Date: 12-Apr-23	**EW-21** **EW-21-041223** Sample Date: 12-Apr-23	**EW-22** **EW-22-041223** Sample Date: 12-Apr-23	**EW-23** **EW-23-041223** Sample Date: 12-Apr-23	**EW-24** **EW-24-041223** Sample Date: 12-Apr-23	**EW-25** **EW-25-041223** Sample Date: 12-Apr-23	**EW-26** **EW-26-041223** Sample Date: 12-Apr-23	**EW-27** **EW-27-041223** Sample Date: 12-Apr-23	**EW-28** **EW-28-041223** Sample Date: 12-Apr-23	**EW-29** **EW-29-041223** Sample Date: 12-Apr-23	**EW-30** **EW-30-041223** Sample Date: 12-Apr-23	**EW-31** **EW-31-041223** Sample Date: 12-Apr-23	**EW-32** **EW-32-041223** Sample Date: 12-Apr-23	**EW-33** **EW-33-041223** Sample Date: 12-Apr-23	**EW-34** **EW-34-041223** Sample Date: 12-Apr-23	**EW-35** **EW-35-041223** Sample Date: 12-Apr-23
Hfpo Dimer Acid	**13,000**	**6,500**	**11,000**	**13,000**	**11,000**	**1,200**	**25,000**	**2,100**	**31,000**	**22,000**	**11,000**	**19,000**	**7,800**	**15,000**	**14,000**	**17,000**	**12,000**	**17,000**
PFMOAA	**7,700**	**12,000**	**47,000**	**56,000**	**64,000**	**4,900**	**48,000**	**10,000**	**65,000**	**86,000**	**63,000**	**100,000**	**63,000**	**49,000**	**64,000**	**51,000**	**75,000**	**88,000**
PFO2HxA	**12,000**	**6,300**	**28,000**	**20,000**	**31,000**	**1,800**	**33,000**	**3,100**	**46,000**	**37,000**	**33,000**	**49,000**	**24,000**	**20,000**	**31,000**	**21,000**	**32,000**	**35,000**
PFO3OA	**2,200**	**1,200**	**7,500**	**2,900**	**10,000**	**240**	**10,000**	<89	**15,000 J**	**12,000**	**6,700**	**17,000**	**3,800**	**6,500**	**9,100**	**6,500**	**9,500**	**9,400**
PFO4DA	**1,200**	**140**	**730**	<40	**1,300**	<40	**4,100**	<40	**8,000**	**4,800**	**440**	**9,100**	**450**	**2,900**	**2,000**	**2,600**	**1,100**	**1,600**
PFO5DA	**140**	<100	<100	<100	<100	<100	**640**	<100	**1,500**	**1,100**	<100	**12,000**	<100	**2,300**	**330**	**830**	<100	**410**
PMPA	**11,000**	**6,000**	**11,000**	**5,300**	**10,000**	**690**	**16,000**	**1,000**	**19,000**	**17,000**	**9,200**	**14,000**	**8,300**	**10,000**	**10,000**	**11,000**	**12,000**	**28,000**
PEPA	**3,600**	**1,600**	**2,800**	**1,000**	**2,300**	**88**	**5,000**	<48	**6,300**	**5,800**	**2,500**	**3,800**	**1,800**	**3,500**	**2,400**	**4,000**	**3,000**	**10,000**
PS Acid	<40	<40	<40	<40	<40	<40	**220**	<40	**510**	**4,300**	<40	**8,600**	<40	**1,200**	**140**	**73**	<40	**72**
Hydro-PS Acid	**180**	<44	**71**	<44	**110**	<44	**520**	<44	**1,000**	**1,500**	<44	**2,800**	**46**	**890**	**240**	**320**	**100**	**210**
R-PSDA	**1,200 J**	**400 J**	**810 J**	**420 J**	**1,200 J**	**50 J**	**2,900 J**	**55 J**	**3,200 J**	**4,400 J**	**900 J**	**4,000 J**	**770 J**	**2,200 J**	**1,400 J**	**1,400 J**	**1,300 J**	**2,400 J**
Hydrolyzed PSDA	**53 J**	**67 J**	**2,100 J**	**940 J**	**8,500 J**	**170 J**	**11,000 J**	**34 J**	**18,000 J**	**74,000 J**	**5,100 J**	**63,000 J**	**5,000 J**	**21,000 J**	**12,000 J**	**5,200 J**	**9,400 J**	**18,000 J**
R-PSDCA	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
NVHOS, Acid Form	<130	**130**	**680**	**520**	**860**	<130	**980**	<130	**1,300**	**1,200**	**900**	**1,500**	**860**	**700**	**870**	**670**	**1,000**	**1,100**
EVE Acid	<40	<40	<40	<40	<40	<40	**47**	<40	**98**	**260**	<40	**1,000**	<40	**250**	<40	<40	<40	<40
Hydro-EVE Acid	**61**	<24	**110**	<24	**190**	<24	**550**	<24	**1,100**	**1,800**	**88**	**2,400**	**66**	**1,300**	**390**	**490**	**160**	**280**
R-EVE	**550 J**	**280 J**	**550 J**	**370 J**	**620 J**	**45 J**	**1,400 J**	**51 J**	**1,600 J**	**1,100 J**	**580 J**	**1,100 J**	**370 J**	**1,000 J**	**740 J**	**1,100 J**	**680 J**	**920 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
PFECA B	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62
PFECA-G	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
Total Table 3+ (17 compounds)[1,2]	**51,000**	**34,000**	**110,000**	**99,000**	**130,000**	**8,900**	**140,000**	**16,000**	**200,000**	**190,000**	**130,000**	**240,000**	**110,000**	**110,000**	**130,000**	**120,000**	**150,000**	**190,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] ***(ng/L)***	**EW-36** **EW-36-041223** Sample Date: 12-Apr-23	**EW-37** **EW-37-041223** Sample Date: 12-Apr-23	**EW-38** **EW-38-041223** Sample Date: 12-Apr-23	**EW-39** **EW-39-041223** Sample Date: 12-Apr-23	**EW-40** **EW-40-041223** Sample Date: 12-Apr-23	**EW-41** **EW-41-041223** Sample Date: 12-Apr-23	**EW-42** **EW-42-041223** Sample Date: 12-Apr-23	**EW-43** **EW-43-041223** Sample Date: 12-Apr-23	**EW-45** **EW-45-041223** Sample Date: 12-Apr-23	**EW-47** **EW-47-041223** Sample Date: 12-Apr-23	**EW-48** **EW-48-041223** Sample Date: 12-Apr-23	**EW-49** **EW-49-041223** Sample Date: 12-Apr-23	**EW-50** **EW-50-041223** Sample Date: 12-Apr-23	**EW-51** **EW-51-041223** Sample Date: 12-Apr-23	**EW-52** **EW-52-041223** Sample Date: 12-Apr-23
Hfpo Dimer Acid	**12,000**	**14,000**	**13,000**	**23,000**	**13,000**	**13,000**	**13,000**	**14,000**	**13,000**	**13,000**	**30,000**	**13,000**	**46,000**	**21,000**	**38,000**
PFMOAA	**130,000**	**57,000**	**140,000**	**24,000**	**140,000**	**140,000**	**140,000**	**160,000**	**150,000**	**140,000**	**13,000**	**150,000**	**24,000**	**140,000**	**120,000**
PFO2HxA	**47,000**	**28,000**	**53,000**	**19,000**	**51,000**	**55,000**	**48,000**	**57,000**	**54,000**	**55,000**	**17,000**	**52,000**	**23,000**	**50,000**	**71,000**
PFO3OA	**10,000**	**7,700**	**11,000**	**4,500**	**12,000**	**12,000**	**12,000**	**11,000**	**11,000**	**7,900**	**6,300**	**6,700**	**7,700**	**8,900**	**24,000**
PFO4DA	**1,300**	**1,300**	**1,800**	**1,600**	**1,700**	**2,000**	**1,900**	**1,900**	**1,300**	**420**	**1,000**	**170**	**1,500**	**1,800**	**9,500**
PFO5DA	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**150**
PMPA	**22,000**	**13,000**	**25,000**	**45,000**	**26,000**	**26,000**	**22,000**	**20,000**	**21,000**	**16,000**	**13,000**	**14,000**	**20,000**	**11,000**	**16,000**
PEPA	**5,300**	**3,300**	**5,400**	**19,000**	**5,600**	**5,500**	**4,800**	**4,100**	**4,400**	**3,600**	**5,000**	**2,800**	**7,800**	**2,700**	**3,600**
PS Acid	**200**	<40	**320**	<40	**190**	**270**	**600**	**750**	**250**	<40	<40	<40	**75**	<40	<40
Hydro-PS Acid	**340**	**110**	**520**	<44	**440**	**520**	**690**	**980**	**650**	**120**	**250**	<44	**380**	**420**	**2,200**
R-PSDA	**2,300 J**	**1,200 J**	**2,500 J**	**1,500 J**	**2,600 J**	**2,600 J**	**2,200 J**	**2,400 J**	**2,300 J**	**1,400 J**	**1,100 J**	**950 J**	**1,400 J**	**840 J**	**1,500 J**
Hydrolyzed PSDA	**31,000 J**	**8,400 J**	**37,000 J**	**180 J**	**32,000 J**	**38,000 J**	**33,000 J**	**37,000 J**	**32,000 J**	**15,000 J**	**910 J**	**8,300 J**	**5,100 J**	**2,900 J**	**3,200 J**
R-PSDCA	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
NVHOS, Acid Form	**2,400**	**1,200**	**2,700**	**420**	**2,600**	**2,800**	**2,600**	**2,400**	**2,500**	**2,000**	**490**	**1,900**	**1,300**	**1,800**	**2,000**
EVE Acid	<40	<40	<40	<40	<40	<40	<40	**49**	<40	<40	<40	<40	**110**	<40	<40
Hydro-EVE Acid	**520**	**220**	**660**	**77**	**620**	**700**	**700**	**1,100**	**920**	**300**	**590**	**130**	**1,300**	**860**	**4,000**
R-EVE	**560 J**	**540 J**	**580 J**	**1,000 J**	**560 J**	**600 J**	**590 J**	**600 J**	**570 J**	**450 J**	**800 J**	**430 J**	**1,300 J**	**630 J**	**1,500 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
PFECA B	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62
PFECA-G	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
Total Table 3+ (17 compounds)[1,2]	**230,000**	**130,000**	**250,000**	**140,000**	**250,000**	**260,000**	**250,000**	**270,000**	**260,000**	**240,000**	**87,000**	**240,000**	**130,000**	**240,000**	**290,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST[1] *(ng/L)*	**EW-53** **EW-53-041223** Sample Date: 12-Apr-23	**EW-54** **EW-54-041223** Sample Date: 12-Apr-23	**EW-55** **EW-55-041223** Sample Date: 12-Apr-23	**EW-56** **EW-56-041223** Sample Date: 12-Apr-23	**EW-57** **EW-57-041223** Sample Date: 12-Apr-23	**EW-58** **EW-58-041223** Sample Date: 12-Apr-23	**EW-60** **EW-60-041223** Sample Date: 12-Apr-23	**EW-61** **EW-61-041223** Sample Date: 12-Apr-23	**EW-62** **EW-62-041223** Sample Date: 12-Apr-23	**EW-63** **EW-63-041223** Sample Date: 12-Apr-23	**EW-65** **EW-65-041223** Sample Date: 12-Apr-23	**EW-66** **EW-66-041223** Sample Date: 12-Apr-23	**EW-67** **EW-67-041223** Sample Date: 12-Apr-23	**EW-68** **EW-68-041223** Sample Date: 12-Apr-23	**EW-69** **EW-69-041223** Sample Date: 12-Apr-23
Hfpo Dimer Acid	**50,000**	**43,000**	**39,000**	**40,000**	**13,000**	**18,000**	**11,000**	**15,000**	**18,000**	**11,000**	**3,400**	**11,000**	**8,800**	**4,600**	**1,400**
PFMOAA	**130,000**	**130,000**	**130,000**	**170,000**	**36,000**	**35,000**	**29,000**	**39,000**	**51,000**	**47,000**	**980**	**49,000**	**34,000**	**21,000**	**7,400**
PFO2HxA	**76,000**	**74,000**	**68,000**	**87,000**	**20,000**	**21,000**	**16,000**	**20,000**	**24,000**	**20,000**	**2,200**	**21,000**	**16,000**	**8,600**	**2,600**
PFO3OA	**29,000**	**26,000**	**24,000**	**24,000**	**4,200**	**6,400**	**2,900**	**4,400**	**5,800**	**4,900**	**340**	**4,000**	**3,500**	**1,100**	**270**
PFO4DA	**8,300**	**7,500**	**6,400**	**6,500**	**470**	**1,500**	**360**	**210**	**790**	**1,700**	**100**	**800**	**670**	<40	<40
PFO5DA	**130**	**160**	<100	<100	<100	**210**	<100	<100	<100	<100	<100	<100	<100	<100	<100
PMPA	**21,000**	**21,000**	**19,000**	**16,000**	**5,000**	**8,400**	**5,800**	**6,400**	**8,600**	**8,300**	**5,000**	**6,900**	**6,000**	**2,000**	**690**
PEPA	**5,100**	**5,500**	**4,500**	**3,800**	**1,400**	**2,600**	**1,700**	**1,800**	**2,400**	**2,500**	**1,600**	**1,900**	**1,900**	**310**	**56**
PS Acid	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hydro-PS Acid	**1,700**	**1,600**	**1,200**	**1,300**	**59**	**320**	**69**	<44	**150**	**420**	<44	**180**	**170**	<44	<44
R-PSDA	**2,000 J**	**1,900 J**	**1,700 J**	**1,500 J**	**470 J**	**750 J**	**430 J**	**540 J**	**720 J**	**580 J**	**170 J**	**560 J**	**450 J**	**190 J**	**74 J**
Hydrolyzed PSDA	**4,900 J**	**4,700 J**	**3,500 J**	**3,500 J**	**1,500 J**	**2,700 J**	**1,100 J**	**1,600 J**	**2,700 J**	**2,400 J**	<27	**1,900 J**	**1,400 J**	**470 J**	**120 J**
R-PSDCA	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
NVHOS, Acid Form	**2,700**	**2,500**	**2,200**	**2,800**	**620**	**760**	**510**	**830**	**850**	**710**	<130	**870**	**800**	**320**	<130
EVE Acid	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Hydro-EVE Acid	**3,700**	**3,300**	**3,200**	**3,100**	**310**	**980**	**210**	**180**	**550**	**1,000**	<24	**520**	**480**	**27**	<24
R-EVE	**2,100 J**	**1,900 J**	**1,800 J**	**1,900 J**	**520 J**	**630 J**	**410 J**	**570 J**	**740 J**	**470 J**	**92 J**	**430 J**	**310 J**	**230 J**	**75 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
PFECA B	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62
PFECA-G	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29
Total Table 3+ (17 compounds)[1,2]	**330,000**	**310,000**	**300,000**	**350,000**	**81,000**	**95,000**	**68,000**	**88,000**	**110,000**	**98,000**	**14,000**	**96,000**	**72,000**	**38,000**	**12,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] ***(ng/L)***	**EW-1** **EW-01-041223** Sample Date: 12-Apr-23	**EW-2** **EW-02-041223** Sample Date: 12-Apr-23	**EW-3** **EW-03-041223** Sample Date: 12-Apr-23	**EW-4** **EW-04-041223** Sample Date: 12-Apr-23	**EW-5** **EW-05-041223** Sample Date: 12-Apr-23	**EW-6** **EW-06-041223** Sample Date: 12-Apr-23	**EW-7** **EW-07-041223** Sample Date: 12-Apr-23	**EW-8** **EW-08-041223** Sample Date: 12-Apr-23	**EW-9** **EW-09-041223** Sample Date: 12-Apr-23	**EW-10** **EW-10-041223** Sample Date: 12-Apr-23	**EW-11** **EW-11-041223** Sample Date: 12-Apr-23	**EW-12** **EW-12-041223** Sample Date: 12-Apr-23	**EW-13** **EW-13-041223** Sample Date: 12-Apr-23	**EW-14** **EW-14-041223** Sample Date: 12-Apr-23	**EW-15** **EW-15-041223** Sample Date: 12-Apr-23	**EW-16** **EW-16-041223** Sample Date: 12-Apr-23	**EW-17** **EW-17-041223** Sample Date: 12-Apr-23
10:2 Fluorotelomer sulfonate	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
11Cl-PF3OUdS	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<250	<250	<250	<250	<250	**6,300 J**	**310**	<250	<250	<250	<250	<250	<250	<250	<250	<250
9Cl-PF3ONS	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
DONA	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutanoic Acid	<240	<240	<240	<240	<240	<240	**1,000 J**	<240	<240	<240	<240	<240	<240	<240	<240	<240	<240
Perfluorodecane Sulfonic Acid	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Perfluorodecanoic Acid	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97
Perfluorododecanoic Acid	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Perfluoroheptanoic Acid	<25	**51**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Perfluorohexadecanoic Acid (PFHxDA)	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57
Perfluorohexanoic Acid	<58	<58	<58	<58	<58	<58	**96**	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58
Perfluorononanesulfonic Acid	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37
Perfluorononanoic Acid	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Perfluoropentanoic Acid	**83**	**220**	<49	<49	<49	**53**	**120 J**	**97**	**94**	**100**	**170**	**180**	**110**	**160**	**120**	**150**	**170**
Perfluorotetradecanoic Acid	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73
Perfluorotridecanoic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
Perfluoroundecanoic Acid	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110
PFOA	<85	**330**	<85	<85	<85	<85	**220 J**	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
PFOS	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] (ng/L)	**EW-18** **EW-18-041223** Sample Date: 12-Apr-23	**EW-19** **EW-19-041223** Sample Date: 12-Apr-23	**EW-20** **EW-20-041223** Sample Date: 12-Apr-23	**EW-21** **EW-21-041223** Sample Date: 12-Apr-23	**EW-22** **EW-22-041223** Sample Date: 12-Apr-23	**EW-23** **EW-23-041223** Sample Date: 12-Apr-23	**EW-24** **EW-24-041223** Sample Date: 12-Apr-23	**EW-25** **EW-25-041223** Sample Date: 12-Apr-23	**EW-26** **EW-26-041223** Sample Date: 12-Apr-23	**EW-27** **EW-27-041223** Sample Date: 12-Apr-23	**EW-28** **EW-28-041223** Sample Date: 12-Apr-23	**EW-29** **EW-29-041223** Sample Date: 12-Apr-23	**EW-30** **EW-30-041223** Sample Date: 12-Apr-23	**EW-31** **EW-31-041223** Sample Date: 12-Apr-23	**EW-32** **EW-32-041223** Sample Date: 12-Apr-23	**EW-33** **EW-33-041223** Sample Date: 12-Apr-23	**EW-34** **EW-34-041223** Sample Date: 12-Apr-23	**EW-35** **EW-35-041223** Sample Date: 12-Apr-23
10:2 Fluorotelomer sulfonate	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
11Cl-PF3OUdS	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
9Cl-PF3ONS	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
DONA	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutanoic Acid	<240	<240	<240	<240	<240	<240	<240	<240	<240	<240	<240	**240**	<240	<240	<240	**280**	<240	**500**
Perfluorodecane Sulfonic Acid	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Perfluorodecanoic Acid	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97
Perfluorododecanoic Acid	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Perfluoroheptanoic Acid	**33**	<25	**27**	<25	**47**	<25	**74**	<25	**110**	**97**	**34**	**97**	<25	**88**	**69**	**120**	**47**	**58**
Perfluorohexadecanoic Acid (PFHxDA)	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57
Perfluorohexanoic Acid	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	**59**	<58	<58
Perfluorononanesulfonic Acid	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37
Perfluorononanoic Acid	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	**42**	<27	<27	<27	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Perfluoropentanoic Acid	**180**	**160**	**280**	**530**	**320**	**69**	**390**	**130**	**560**	**610**	**380**	**670**	**380**	**600**	**410**	**980**	**470**	**740**
Perfluorotetradecanoic Acid	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73
Perfluorotridecanoic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
Perfluoroundecanoic Acid	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110
PFOA	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
PFOS	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
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Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
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-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] ***(ng/L)***	**EW-36** **EW-36-041223** Sample Date: 12-Apr-23	**EW-37** **EW-37-041223** Sample Date: 12-Apr-23	**EW-38** **EW-38-041223** Sample Date: 12-Apr-23	**EW-39** **EW-39-041223** Sample Date: 12-Apr-23	**EW-40** **EW-40-041223** Sample Date: 12-Apr-23	**EW-41** **EW-41-041223** Sample Date: 12-Apr-23	**EW-42** **EW-42-041223** Sample Date: 12-Apr-23	**EW-43** **EW-43-041223** Sample Date: 12-Apr-23	**EW-45** **EW-45-041223** Sample Date: 12-Apr-23	**EW-47** **EW-47-041223** Sample Date: 12-Apr-23	**EW-48** **EW-48-041223** Sample Date: 12-Apr-23	**EW-49** **EW-49-041223** Sample Date: 12-Apr-23	**EW-50** **EW-50-041223** Sample Date: 12-Apr-23	**EW-51** **EW-51-041223** Sample Date: 12-Apr-23	**EW-52** **EW-52-041223** Sample Date: 12-Apr-23
10:2 Fluorotelomer sulfonate	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
11Cl-PF3OUdS	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
9Cl-PF3ONS	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
DONA	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutanoic Acid	<240	**290**	**250**	**1,200**	<240	**240**	<240	**310**	**280**	**270**	**260**	**270**	**390**	**390**	**660**
Perfluorodecane Sulfonic Acid	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Perfluorodecanoic Acid	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97
Perfluorododecanoic Acid	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Perfluoroheptanoic Acid	**66**	**59**	**74**	**55**	**85**	**81**	**100**	**84**	**77**	**45**	**130**	**30 J**	**160**	**150**	**610**
Perfluorohexadecanoic Acid (PFHxDA)	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57
Perfluorohexanoic Acid	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	**170**
Perfluorononanesulfonic Acid	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37
Perfluorononanoic Acid	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Perfluoropentanoic Acid	**560**	**410**	**660**	**930**	**610**	**620**	**780**	**860**	**740**	**720**	**610**	**830**	**1,200**	**1,200**	**2,700**
Perfluorotetradecanoic Acid	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73
Perfluorotridecanoic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
Perfluoroundecanoic Acid	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110
PFOA	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
PFOS	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 4-4
Extraction Well PFAS Analytical Results from Post-Startup Sampling
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDS LIST [1] ***(ng/L)***	**EW-53** **EW-53-041223** Sample Date: 12-Apr-23	**EW-54** **EW-54-041223** Sample Date: 12-Apr-23	**EW-55** **EW-55-041223** Sample Date: 12-Apr-23	**EW-56** **EW-56-041223** Sample Date: 12-Apr-23	**EW-57** **EW-57-041223** Sample Date: 12-Apr-23	**EW-58** **EW-58-041223** Sample Date: 12-Apr-23	**EW-60** **EW-60-041223** Sample Date: 12-Apr-23	**EW-61** **EW-61-041223** Sample Date: 12-Apr-23	**EW-62** **EW-62-041223** Sample Date: 12-Apr-23	**EW-63** **EW-63-041223** Sample Date: 12-Apr-23	**EW-65** **EW-65-041223** Sample Date: 12-Apr-23	**EW-66** **EW-66-041223** Sample Date: 12-Apr-23	**EW-67** **EW-67-041223** Sample Date: 12-Apr-23	**EW-68** **EW-68-041223** Sample Date: 12-Apr-23	**EW-69** **EW-69-041223** Sample Date: 12-Apr-23
10:2 Fluorotelomer sulfonate	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
11Cl-PF3OUdS	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
9Cl-PF3ONS	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
DONA	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutanoic Acid	**800**	**840**	**690**	**770**	**240**	**330**	<240	**240**	**330**	**240**	<240	**280**	<240	<240	<240
Perfluorodecane Sulfonic Acid	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Perfluorodecanoic Acid	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97	<97
Perfluorododecanoic Acid	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Perfluoroheptanoic Acid	**660**	**620**	**480**	**520**	**70**	**87**	**42**	**33**	**79**	**87**	<25	**51**	**51**	<25	<25
Perfluorohexadecanoic Acid (PFHxDA)	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57
Perfluorohexanoic Acid	**170**	**190**	**140**	**160**	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58
Perfluorononanesulfonic Acid	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37	<37
Perfluorononanoic Acid	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Perfluoropentanoic Acid	**3,100**	**2,800**	**2,600**	**3,200**	**910**	**620**	**590**	**780**	**790**	**360**	<49	**570**	**370**	**400**	**150**
Perfluorotetradecanoic Acid	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73	<73
Perfluorotridecanoic Acid	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
Perfluoroundecanoic Acid	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110
PFOA	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85	<85
PFOS	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #2 (Apr - Jun 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	25,901,000	
4/2/2023	450	648,701	26,549,701
4/3/2023	425	612,112	27,161,813
4/4/2023	568	817,734	27,979,547
4/5/2023	545	784,802	28,764,349
4/6/2023	514	740,789	29,505,138
4/7/2023	560	806,696	30,311,834
4/8/2023	554	797,724	31,109,558
4/9/2023	608	875,107	31,984,665
4/10/2023	541	778,980	32,763,645
4/11/2023	570	821,079	33,584,724
4/12/2023	560	806,707	34,391,431
4/13/2023	539	776,638	35,168,069
4/14/2023	557	801,502	35,969,571
4/15/2023	551	793,412	36,762,983
4/16/2023	552	794,275	37,557,258
4/17/2023	545	785,416	38,342,674
4/18/2023	526	757,884	39,100,558
4/19/2023	523	752,960	39,853,518
4/20/2023	513	738,107	40,591,625
4/21/2023	530	763,046	41,354,671
4/22/2023	549	791,121	42,145,792
4/23/2023	546	786,493	42,932,285
4/24/2023	533	767,393	43,699,678
4/25/2023	644	926,779	44,626,457
4/26/2023	804	1,158,150	45,784,607
4/27/2023	529	761,201	46,545,808
4/28/2023	548	788,732	47,334,540
4/29/2023	531	764,879	48,099,419
4/30/2023	539	775,623	48,875,042
April Total	N/A	22,974,042	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #2 (Apr - Jun 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)
5/1/2023	531	765,350	49,640,392
5/2/2023	526	756,850	50,397,242
5/3/2023	529	762,070	51,159,312
5/4/2023	511	735,205	51,894,517
5/5/2023	514	740,033	52,634,550
5/6/2023	512	737,699	53,372,249
5/7/2023	512	736,568	54,108,817
5/8/2023	512	737,324	54,846,141
5/9/2023	507	730,686	55,576,827
5/10/2023	503	724,649	56,301,476
5/11/2023	509	733,244	57,034,720
5/12/2023	498	716,637	57,751,357
5/13/2023	503	723,819	58,475,176
5/14/2023	497	716,143	59,191,319
5/15/2023	498	717,235	59,908,554
5/16/2023	495	712,642	60,621,196
5/17/2023	503	724,573	61,345,769
5/18/2023	446	642,568	61,988,337
5/19/2023	518	745,747	62,734,084
5/20/2023	494	711,264	63,445,348
5/21/2023	468	674,452	64,119,800
5/22/2023	389	559,458	64,679,258
5/23/2023	490	705,674	65,384,932
5/24/2023	577	831,395	66,216,327
5/25/2023	582	837,791	67,054,118
5/26/2023	586	844,535	67,898,653
5/27/2023	582	838,213	68,736,866
5/28/2023	615	885,497	69,622,363
5/29/2023	529	761,505	70,383,868
5/30/2023	477	687,379	71,071,247
5/31/2023	641	923,277	71,994,524
May Total	N/A	23,119,482	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #2 (Apr - Jun 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)
6/1/2023	463	666,968	72,661,492
6/2/2023	461	663,460	73,324,952
6/3/2023	512	737,005	74,061,957
6/4/2023	635	914,488	74,976,445
6/5/2023	461	664,093	75,640,538
6/6/2023	459	660,890	76,301,428
6/7/2023	446	642,881	76,944,309
6/8/2023	495	712,798	77,657,107
6/9/2023	453	652,692	78,309,799
6/10/2023	476	685,817	78,995,616
6/11/2023	472	679,328	79,674,944
6/12/2023	472	679,175	80,354,119
6/13/2023	473	681,494	81,035,613
6/14/2023	471	677,880	81,713,493
6/15/2023	627	903,243	82,616,736
6/16/2023	501	721,943	83,338,679
6/17/2023	467	672,082	84,010,761
6/18/2023	462	665,426	84,676,187
6/19/2023	461	663,123	85,339,310
6/20/2023	454	653,793	85,993,103
6/21/2023	724	1,042,893	87,035,996
6/22/2023	773	1,112,868	88,148,864
6/23/2023	668	961,446	89,110,310
6/24/2023	653	940,916	90,051,226
6/25/2023	415	597,982	90,649,208
6/26/2023	455	655,428	91,304,636
6/27/2023	454	654,394	91,959,030
6/28/2023	440	633,505	92,592,535
6/29/2023	435	627,015	93,219,550
6/30/2023	436	627,249	93,846,799
7/1/2023	460	662,605	94,509,404
June Total	N/A	22,514,880	
Reporting Period Total	N/A	68,608,404	

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 #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0423-3** Sample Date: 4-Apr-23	**004 Effluent** **004-EFF-0423-3** Sample Date: 4-Apr-23	**004 Influent** **004-INF-0423** Sample Date: 11-Apr-23	**004 Effluent** **004-EFF-0423** Sample Date: 11-Apr-23	**004 Influent** **004-INF-0423-4** Sample Date: 18-Apr-23	**004 Effluent** **004-EFF-0423-4** Sample Date: 18-Apr-23	**004 Influent** **004-INF-0423-2** Sample Date: 25-Apr-23	**004 Effluent** **004-EFF-0423-2** Sample Date: 25-Apr-23
Hfpo Dimer Acid	**15,000**	<2.0	**16,000**	<2.0	**15,000**	<2.0	**16,000**	<2.0
PFMOAA	**110,000**	<2.0	**100,000**	<2.0	**90,000**	<2.0 UJ	**72,000**	<2.0 UJ
PFO2HxA	--	--	--	--	--	--	**23,000**	<2.0 UJ
PFO3OA	--	--	--	--	--	--	**5,800**	<2.0 UJ
PFO4DA	--	--	--	--	--	--	**1,600**	<2.0
PFO5DA	--	--	--	--	--	--	**110**	<2.0 UJ
PMPA	**13,000**	<10	**12,000**	<10	**9,400**	<10	**7,400**	<10 UJ
PEPA	--	--	--	--	--	--	**1,800**	<20 UJ
PS Acid	--	--	--	--	--	--	**250**	<2.0 UJ
Hydro-PS Acid	--	--	--	--	--	--	**340**	<2.0
R-PSDA	--	--	--	--	--	--	**640 J**	<2.0 UJ
Hydrolyzed PSDA	--	--	--	--	--	--	**5,400 J**	<2.0 UJ
R-PSDCA	--	--	--	--	--	--	<17	<2.0
NVHOS, Acid Form	--	--	--	--	--	--	**750**	<2.0 UJ
EVE Acid	--	--	--	--	--	--	<17	<2.0 UJ
Hydro-EVE Acid	--	--	--	--	--	--	**710**	<2.0
R-EVE	--	--	--	--	--	--	**380 J**	<2.0 UJ
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	--	--	--	--	<6.7	<2.0 UJ
PFECA B	--	--	--	--	--	--	<27	<2.0 UJ
PFECA-G	--	--	--	--	--	--	<48	<2.0 UJ
Total Table 3+ (17 compounds)[1,2,3]	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**130,000**	**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.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-050223** Sample Date: 2-May-23	**004 Effluent** **004-EFF-050223** Sample Date: 2-May-23	**004 Influent** **004-INF-050923** Sample Date: 9-May-23	**004 Effluent** **004-EFF-050923** Sample Date: 9-May-23	**004 Influent** **004-INF-051623** Sample Date: 16-May-23	**004 Effluent** **004-EFF-051623** Sample Date: 16-May-23	**004 Influent** **004-INF-1 052323** Sample Date: 23-May-23	**004 Effluent** **004-EFF-1 052323** Sample Date: 23-May-23	**004 Influent** **004-INF-053023** Sample Date: 30-May-23	**004 Effluent** **004-EFF-053023** Sample Date: 30-May-23
Hfpo Dimer Acid	**13,000**	<2.0	**13,000**	<2.0	**11,000**	<2.0	**13,000**	<2.0	**11,000**	<2.0
PFMOAA	**110,000**	<2.0	**93,000**	<2.0	**78,000**	<2.0 UJ	**81,000**	<2.0	**85,000**	<2.0
PFO2HxA	--	--	**31,000**	<2.0	--	--	--	--	--	--
PFO3OA	--	--	**7,800**	<2.0	--	--	--	--	--	--
PFO4DA	--	--	**1,600**	<2.0	--	--	--	--	--	--
PFO5DA	--	--	**220**	<2.0	--	--	--	--	--	--
PMPA	**11,000**	<10	**10,000**	<10	**9,400**	<10 UJ	**9,100**	<10	**9,700**	<10
PEPA	--	--	**2,700**	<20	--	--	--	--	--	--
PS Acid	--	--	430	<2.0	--	--	--	--	--	--
Hydro-PS Acid	--	--	**420**	<2.0	--	--	--	--	--	--
R-PSDA	--	--	**1,500 J**	<2.0	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	**14,000 J**	<2.0	--	--	--	--	--	--
R-PSDCA	--	--	<17	<2.0	--	--	--	--	--	--
NVHOS, Acid Form	--	--	**1,000**	<2.0	--	--	--	--	--	--
EVE Acid	--	--	<17	<2.0	--	--	--	--	--	--
Hydro-EVE Acid	--	--	**800**	<2.0	--	--	--	--	--	--
R-EVE	--	--	**680 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]	**N/A**	**N/A**	**160,000**	**ND**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

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.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0623** Sample Date: 6-Jun-23	**004 Effluent** **004-EFF-0623** Sample Date: 6-Jun-23	**004 Influent** **004-INF-0623-2** Sample Date: 13-Jun-23	**004 Effluent** **004-EFF-0623-2** Sample Date: 13-Jun-23	**004 Influent** **004-INF-0623-3** Sample Date: 20-Jun-23	**004 Effluent** **004-EFF-0623-3** Sample Date: 20-Jun-23	**004 Influent** **004-INF-0623-4** Sample Date: 27-Jun-23	**004 Effluent** **004-EFF-0623-4** Sample Date: 27-Jun-23
Hfpo Dimer Acid	**13,000**	<2.0	**14,000**	<2.0	**9,600**	<2.0	**16,000**	<2.0
PFMOAA	**69,000**	<2.0	**85,000**	<2.0	**96,000**	<2.0	**100,000**	<2.0
PFO2HxA	--	--	**33,000**	<2.0	--	--	--	--
PFO3OA	--	--	**9,400**	<2.0	--	--	--	--
PFO4DA	--	--	**2,300**	<2.0	--	--	--	--
PFO5DA	--	--	**290**	<2.0	--	--	--	--
PMPA	**9,900**	<10	**9,500**	<10	**11,000**	<10	**12,000**	<10
PEPA	--	--	**2,900**	<20	--	--	--	--
PS Acid	--	--	530	<2.0	--	--	--	--
Hydro-PS Acid	--	--	**470**	<2.0	--	--	--	--
R-PSDA	--	--	**1,500 J**	<2.0	--	--	--	--
Hydrolyzed PSDA	--	--	**14,000 J**	<2.0	--	--	--	--
R-PSDCA	--	--	**20**	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	**1,100**	<2.0	--	--	--	--
EVE Acid	--	--	**50**	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	**830**	<2.0	--	--	--	--
R-EVE	--	--	**820 J**	<2.0	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<3.4	<2.0	--	--	--	--
PFECA B	--	--	<13	<2.0	--	--	--	--
PFECA-G	--	--	<24	<2.0	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	**N/A**	**N/A**	**160,000**	**ND**	**N/A**	**N/A**	**N/A**	**N/A**

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.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

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

METHOD 537 MOD SOP COMPOUNDs LIST [1,2] ***(ng/L)***	**004 Influent** **004-INF-050923** Sample Date: 9-May-23	**004 Effluent** **004-EFF-050923** Sample Date: 9-May-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	**94**	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0
Perfluorohexanoic Acid	**37**	<2.0
Perfluorononanesulfonic Acid	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0
Perfluoropentanoic Acid	**710**	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0
PFOA	**14**	<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
Summary of Groundwater Level Information
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedant Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Feb 25 (0.07)* *Feb 26 (0.00)* *Feb 27 (0.00)*	*Mar 26 (0.45)* *Mar 27 (0.63)* *Mar 28 (0.28)*	*April 17 (0.00)* *Apr 18 (0.00)* *Apr 19 (0.00)*	*May 20 (0.00)* *May 21 (0.00)* *May 22 (0.00)*	*Jun 18 (0.00)* *Jun 19 (0.16)* *Jun 20 (1.11)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**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**	**June 21 vs. January 30, 2023**	**June 21 vs May 23, 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	2.86	2.09
OW-12	Black Creek Aquifer	34.08	34.08	34.81	31.61	29.71	30.26	29.32	29.15	5.66	0.17
OW-13	Black Creek Aquifer	34.10	34.05	34.42	33.63	32.32	33.61	32.02	31.43	2.99	0.59
OW-14	Black Creek Aquifer	33.62	33.47	34.67	34.09	33.11	36.60	32.97	32.08	2.59	0.89
OW-41	Black Creek Aquifer	49.13	49.12	48.33	47.66	46.46	46.51	46.11	45.97	2.36	0.14
OW-42	Black Creek Aquifer	47.89	47.86	47.42	46.81	45.90	45.94	45.52	45.47	1.95	0.05
OW-43	Black Creek Aquifer	34.49	34.42	34.62	33.64	32.04	33.09	31.76	31.20	3.42	0.56
OW-54	Black Creek Aquifer	Well Installed January 24, 2023		35.87	35.00	33.45	35.90	36.19	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	6.70	0.23
OW-56	Black Creek Aquifer	Well Installed January 24, 2023		36.92	36.50	36.63	37.17	35.99	36.18	0.74	0.19
OW-57	Black Creek Aquifer	Well Installed January 17, 2023		45.75	45.24	44.58	44.62	44.27	44.22	1.53	0.05
PIW-1D	Black Creek Aquifer	32.59	32.47	33.95	33.15	32.25	35.09	31.96	31.25	2.70	0.71
PIW-11	Black Creek Aquifer	43.28	43.24	43.89	43.62	43.14	43.65	42.87	42.61	1.28	0.26
PIW-12	Black Creek Aquifer	33.74	33.69	34.39	31.90	26.64	28.38	26.68	26.43	7.96	0.25
PIW-13	Black Creek Aquifer	33.66	33.60	34.20	30.68	24.95	28.16	25.74	25.00	9.20	0.74
PIW-14	Black Creek Aquifer	34.05	34.00	34.44	32.47	29.90	31.36	29.80	29.20	5.24	0.60
PIW-15	Black Creek Aquifer	32.74	32.65	33.54	32.88	32.00	33.87	31.69	31.10	2.44	0.59
SMW-12	Black Creek Aquifer	33.03	33.03	33.52	31.19	29.17	30.17	28.82	28.23	5.29	0.59
Median (Black Creek Aquifer wells)		34.07	34.03	34.72	33.64	32.29	34.48	31.99	31.25	2.86	0.56
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	15.82	1.61
OW-03	Black Creek Aquifer	49.52	49.44	49.60	44.06	38.43	42.24	34.14	32.57	17.03	1.57
OW-07	Black Creek Aquifer	44.87	44.75	45.36	41.10	37.61	35.00	29.91	27.90	17.46	2.01
OW-08	Black Creek Aquifer	44.12	43.98	44.60	40.37	36.86	34.14	29.09	27.05	17.55	2.04
OW-15	Black Creek Aquifer	Well Installed September 22, 2022		56.91	56.50	57.53	57.66	57.21	57.16	-0.25	0.05
OW-17	Black Creek Aquifer	44.87	44.82	43.53	39.81	34.88	32.77	32.96	32.87	10.66	0.09
OW-18	Black Creek Aquifer	47.17	47.37	48.61	48.79	47.95	46.93	46.58	46.44	2.17	0.14
OW-19	Black Creek Aquifer	46.36	46.23	46.68	41.42	37.73	38.50	30.38	28.05	18.63	2.33
OW-21	Black Creek Aquifer	45.13	45.00	45.51	41.70	37.87	35.40	30.65	28.15	17.36	2.50
OW-24	Black Creek Aquifer	43.17	43.15	43.73	38.94	36.23	34.77	30.02	28.27	15.46	1.75
OW-26	Black Creek Aquifer	55.22	55.16	54.84	53.79	45.67	44.05	42.50	40.15	14.69	2.35
OW-29	Black Creek Aquifer	59.58	59.54	59.14	58.57	51.34	49.72	47.54	45.62	13.52	1.92
OW-31	Black Creek Aquifer	60.44	60.41	60.07	59.43	47.00	50.58	42.85	41.55	18.52	1.30
OW-34	Surficial Aquifer	62.98	62.81	62.03	64.53	66.36	67.30	67.50	67.41	-5.38	0.09
OW-35	Surficial Aquifer	66.33	66.10	65.67	65.71	65.45	68.18	68.35	68.35	-2.68	0.00
OW-36	Surficial Aquifer	62.72	62.61	62.07	61.85	61.64	61.48	61.51	61.52	0.55	0.01
OW-37	Surficial Aquifer	Well Installed June 21, 2023								N/A	N/A
OW-38	Black Creek Aquifer	Well Installed September 22, 2022		61.93	61.94	61.64	61.60	61.45	61.40	0.53	0.05
OW-51	Black Creek Aquifer	Well Installed June 20, 2023								N/A	N/A
Median (Black Creek Aquifer wells)		46.77	46.80	48.70	44.20	38.81	42.40	34.36	32.92	15.64	1.68
Median (Surficial Aquifer wells)		62.98	62.81	62.07	64.53	65.45	67.30	67.50	67.41	-2.68	0.01

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedant Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Feb 25 (0.07)* *Feb 26 (0.00)* *Feb 27 (0.00)*	*Mar 26 (0.45)* *Mar 27 (0.63)* *Mar 28 (0.28)*	*April 17 (0.00)* *Apr 18 (0.00)* *Apr 19 (0.00)*	*May 20 (0.00)* *May 21 (0.00)* *May 22 (0.00)*	*Jun 18 (0.00)* *Jun 19 (0.16)* *Jun 20 (1.11)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**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**	**June 21 vs. January 30, 2023**	**June 21 vs May 23, 2023**
Observation Wells ≤200 ft Downgradient of Barrier Wall: 19 Wells											
OW-04	Black Creek Aquifer	59.45	59.42	Well Abandoned; Replacement Well Installed July 31, 2023						N/A	N/A
OW-04R	Black Creek Aquifer	Well Installed July 31, 2023								N/A	N/A
OW-09	Black Creek Aquifer	59.61	59.57	Well Abandoned; Replacement Well Installed August 1, 2023						N/A	N/A
OW-09R	Black Creek Aquifer	Well Installed August 1, 2023								N/A	N/A
OW-20	Black Creek Aquifer	46.34	46.24	46.53	41.54	39.35	37.91	38.39	38.49	8.04	0.10
OW-22	Black Creek Aquifer	43.95	43.89	44.50	40.94	37.53	37.36	38.41	38.55	5.95	0.14
OW-23	Black Creek Aquifer	43.27	43.18	43.86	39.75	36.73	35.88	38.31	38.36	5.50	0.05
OW-25	Black Creek Aquifer	41.95	41.90	42.52	39.00	36.50	35.77	38.62	38.36	4.16	0.26
OW-32	Black Creek Aquifer	Well Installed August 2, 2023								N/A	N/A
OW-39	Black Creek Aquifer	Well Installed August 1, 2023								N/A	N/A
OW-44	Black Creek Aquifer	36.51	36.31	36.28	36.94	36.34	37.41	36.06	35.28	1.00	0.78
OW-45	Black Creek Aquifer	44.39	44.20	44.78	45.24	40.05	39.93	39.10	38.82	5.96	0.28
OW-46	Black Creek Aquifer	46.28	46.20	46.59	41.41	38.85	37.88	38.35	38.50	8.09	0.15
OW-47	Black Creek Aquifer	43.84	43.72	44.33	40.45	36.98	37.05	38.18	38.32	6.01	0.14
OW-48	Black Creek Aquifer	43.11	43.06	43.69	39.33	36.40	35.29	38.24	38.27	5.42	0.03
OW-49	Black Creek Aquifer	42.13	42.06	42.67	38.83	36.23	35.42	38.43	38.34	4.33	0.09
OW-50	Black Creek Aquifer	41.42	41.35	42.01	41.78	35.37	36.17	39.50	39.33	2.68	0.17
OW-52	Black Creek Aquifer	Well Installed August 2, 2023								N/A	N/A
PIW-4D	Black Creek Aquifer	43.59	43.45	43.90	46.26	39.89	39.88	38.90	38.65	5.25	0.25
PIW-5S	Surficial Aquifer	59.70	59.52	58.82	56.31	Well Abandoned; Replaced Well Installed April 12, 2023				N/A	N/A
PIW-5SR	Surficial Aquifer	Well installed April 12, 2023					54.13	53.15	53.37	N/A	0.22
PW-10R	Black Creek Aquifer	47.78	47.62	47.99	42.18	Well Abandoned; Replacement Well Installed April 12, 2023				N/A	N/A
PW-10RR	Black Creek Aquifer	Well installed April 12, 2023					41.20	38.52	38.39	N/A	0.13
PIW-10DR	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
Median (Black Creek Aquifer wells)		43.84	43.72	43.90	40.94	36.86	37.36	38.41	38.39	5.46	0.14

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedant Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Feb 25 (0.07)* *Feb 26 (0.00)* *Feb 27 (0.00)*	*Mar 26 (0.45)* *Mar 27 (0.63)* *Mar 28 (0.28)*	*April 17 (0.00)* *Apr 18 (0.00)* *Apr 19 (0.00)*	*May 20 (0.00)* *May 21 (0.00)* *May 22 (0.00)*	*Jun 18 (0.00)* *Jun 19 (0.16)* *Jun 20 (1.11)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, mean sea level)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**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**	**June 21 vs. January 30, 2023**	**June 21 vs May 23, 2023**
Observation Wells >200 ft Downgradient of Barrier Wall: 14 Wells											
LTW-02	Black Creek Aquifer	42.97	42.80	43.50	45.36	40.01	39.97	38.94	38.71	4.79	0.23
LTW-03	Floodplain	38.05	37.93	39.27	38.48	36.95	37.85	36.70	36.40	2.87	0.30
LTW-05	Black Creek Aquifer	41.24	41.20	41.93	38.69	36.30	35.71	37.89	37.86	4.07	0.03
OW-16	Black Creek Aquifer	35.39	35.24	36.69	36.49	35.86	37.27	35.34	34.59	2.10	0.75
OW-27	Black Creek Aquifer	41.16	41.12	41.70	41.36	36.09	36.80	39.35	39.21	2.49	0.14
OW-28	Black Creek Aquifer	40.04	40.01	40.63	40.43	38.16	38.86	39.04	39.00	1.63	0.04
OW-30	Black Creek Aquifer	40.38	40.33	40.98	39.55	36.80	37.91	38.94	38.95	2.03	0.01
OW-33	Black Creek Aquifer	40.42	40.39	41.07	39.89	37.45	38.32	39.29	39.34	1.73	0.05
OW-40	Black Creek Aquifer	40.58	40.53	40.66	40.68	40.09	40.86	40.13	40.15	0.51	0.02
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	1.94	0.69
PIW-7S	Floodplain	42.28	42.16	43.03	39.55	36.56	35.79	37.74	37.80	5.23	0.06
PIW-7D	Black Creek Aquifer	43.18	43.10	43.78	39.98	36.96	36.36	38.38	38.45	5.33	0.07
PW-11	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
PZ-22	Black Creek Aquifer	43.24	43.15	43.81	40.36	37.28	36.89	38.21	38.37	5.44	0.16
Median (Black Creek Aquifer wells)		40.58	40.53	41.07	39.98	36.96	37.27	38.94	38.71	2.10	0.07
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)								N/A	N/A
BCA-02	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
NAF-11B	Surficial Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
PIW-2D	Black Creek Aquifer	58.08	57.94	57.64	57.59	57.67	57.74	57.64	57.42	0.22	0.22
PW-02	Surficial Aquifer	87.27	87.00	85.32	85.09	84.85	84.73	84.40	83.13	2.19	1.27
PW-03	Surficial Aquifer	104.95	104.87	104.39	104.45	104.24	104.33	104.42	104.38	0.01	0.04
PW-04	Surficial Aquifer	68.40	68.33	67.49	68.36	68.55	68.55	68.72	68.43	-0.94	0.29
PW-14	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
PW-15R	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								N/A	N/A
SMW-03B	Black Creek Aquifer	89.92	89.71	87.73	87.47	87.19	87.03	86.79	86.60	1.13	0.19
SMW-09	Surficial Aquifer	82.14	82.03	80.43	80.26	80.12	79.20	79.71	79.93	0.50	0.22
Median (Surficial Aquifer wells)		84.71	84.52	82.88	82.68	82.49	81.97	82.06	81.53	0.26	0.25
Median (Black Creek Aquifer wells)		74.00	73.83	72.69	72.53	72.43	72.39	72.22	72.01	0.68	0.21

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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		LTW-05	
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-01-051723 Sample Date: 17-May-23	CAP1Q23-LTW-02-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-02-051723 Sample Date: 17-May-23	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	CAP2Q23-LTW-03-052323 Sample Date: 23-May-23	CAP1Q23-LTW-04-021723 Sample Date: 17-Feb-23	CAP2Q23-LTW-04-052323 Sample Date: 23-May-23	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23
Hfpo Dimer Acid	**18,000**	**18,000**	**2,800**	**7,000**	**11,000**	**10,000**	**18,000**	**19,000**	**18,000**	**19,000 J**
PFMOAA	**23,000**	**21,000**	**9,300**	**17,000**	**120,000**	**120,000**	**55,000**	**55,000**	**120,000**	**130,000 J**
PFO2HxA	**23,000**	**21,000**	**4,800**	**10,000**	**34,000**	**41,000**	**23,000**	**28,000**	**36,000**	**48,000 J**
PFO3OA	**5,700**	**5,300**	**1,100**	**1,900**	**5,800**	**6,700**	**4,400**	**5,200**	**8,300**	**11,000 J**
PFO4DA	**1,300**	**1,500**	**86**	**120**	**200**	**220**	**630**	**620**	**2100**	**2,100 J**
PFO5DA	**170**	**170**	<78	<78	<78	<78	<78	<78	<78	<78 UJ
PMPA	**16,000**	**16,000**	**1,800**	**5,700**	**14,000**	**15,000**	**17,000**	**16,000**	**4,000**	**4,600 J**
PEPA	**5,900.0**	**5,700**	**580**	**1,800**	**3400**	**3,500**	**6400**	**6,000**	**620**	**530 J**
PS Acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20 UJ
Hydro-PS Acid	**310.0**	**300**	<6.1	**15**	<6.1	**28**	**170**	**210**	**190**	**190 J**
R-PSDA	**960 J**	<71	<71	<71	**1,000 J**	**950 J**	**2,000 J**	**1,700 J**	**490 J**	**670 J**
Hydrolyzed PSDA	**560 J**	**690 J**	**270 J**	<38	**7,100 J**	**5,800 J**	**4,200 J**	**2,300 J**	**880 J**	**1,100 J**
R-PSDCA	<17	<17	<17	<17	<17	<17	<17	<17	**19**	<17 UJ
NVHOS, Acid Form	**390**	**440**	**160**	**300**	**1300**	**1300**	**1300**	**1200**	**1100**	**1,300 J**
EVE Acid	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17 UJ
Hydro-EVE Acid	**160**	**140**	<14	**38**	**71**	**64**	**500**	**390**	**750**	**720 J**
R-EVE	**550 J**	**580 J**	<72	<72	**520 J**	**430 J**	**2,000 J**	**1,500 J**	**610 J**	**760 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7 UJ
PFECA B	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27 UJ
PFECA-G	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48 UJ
Total Table 3+ (17 compounds)[1,2]	**94,000**	**90,000**	**21,000**	**44,000**	**190,000**	**200,000**	**130,000**	**130,000**	**190,000**	**220,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	OW-28		OW-33		PIW-1D		PIW-1S		PIW-3D	
	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	**CAP2Q23-OW-28-052523** Sample Date: 25-May-23	**CAP1Q23-OW-33-021423** Sample Date: 14-Feb-23	**CAP2Q23-OW-33-051823** Sample Date: 18-May-23	**CAP1Q23-PIW-1D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-1D-052323** Sample Date: 23-May-23	**CAP1Q23-PIW-1S-021623** Sample Date: 16-Feb-23	**Not Sampled in 2Q 2023 (Dry)**	**CAP1Q23-PIW-3D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-3D-051723** Sample Date: 17-May-23
Hfpo Dimer Acid	**4,800**	**4,800**	**5,300**	**5,000**	**9,800**	**9,900**	**7,400**	**--**	**12,000**	**12,000**
PFMOAA	**1,500**	**1,900**	**7,900**	**8,400**	**12,000**	**12,000**	**2,000**	**--**	**9,400**	**8,500**
PFO2HxA	**2,500**	**3,500**	**4,700**	**4,300**	**8,800**	**11,000**	**4,700**	**--**	**12,000**	**10,000**
PFO3OA	**510**	**670**	**810**	**840**	**1,500**	**1,700**	**900**	**--**	**2,200**	**2,100**
PFO4DA	**110**	**83**	<59	<59	**430**	**440**	**440**	--	**940**	**800**
PFO5DA	<78	<78	<78	<78	<78	<78	<78	**--**	**130**	<78
PMPA	**5,000**	**6,400**	**4,800**	**5,200**	**7,800**	**9,000**	**4,400**	**--**	**9,500**	**8,800**
PEPA	**1900**	**2,500**	**2000**	**1,800**	**2,600**	**3,000**	**1,900**	**--**	**3,700**	**3,400**
PS Acid	<20	<20	<20	<20	<20	<20	<20	**--**	<20	<20
Hydro-PS Acid	**75**	**74**	**29**	**53**	**87**	**98**	**210**	**--**	**240**	**200**
R-PSDA	**340 J**	**310 J**	**280 J**	<71	**330 J**	**380 J**	<71	**--**	**520 J**	<71
Hydrolyzed PSDA	<38	<38	<38	<38	<38	<38	<38	**--**	<38	<38
R-PSDCA	<17	<17	<17	<17	<17	<17	<17	**--**	<17	<17
NVHOS, Acid Form	**110**	<15	**170**	**240**	**190**	**160**	<15	**--**	**190**	**290**
EVE Acid	<17	<17	<17	<17	<17	<17	<17	**--**	<17	<17
Hydro-EVE Acid	<14	<14	<14	<14	**31**	<14	**62**	**--**	**72**	**70**
R-EVE	**190 J**	**180 J**	**130 J**	<72	**190 J**	**200 J**	**180 J**	**--**	**220 J**	<72
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**--**	<6.7	<6.7
PFECA B	<27	<27	<27	<27	<27	<27	<27	**--**	<27	<27
PFECA-G	<48	<48	<48	<48	<48	<48	<48	**--**	<48	<48
Total Table 3+ (17 compounds)[2,3]	**17,000**	**20,000**	**26,000**	**26,000**	**43,000**	**47,000**	**22,000**	**--**	**50,000**	**46,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
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< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PIW-7D		PIW-7S		PW-04		PZ-22		SMW-12	
	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7D-052223 Sample Date: 22-May-23	CAP1Q23-PIW-7S-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7S-052223 Sample Date: 22-May-23	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP1Q23-SMW-12-022323 Sample Date: 23-Feb-23	CAP2Q23-SMW-12-051723 Sample Date: 17-May-23
Hfpo Dimer Acid	**17,000**	**8,800 J**	**15,000**	**12,000 J**	**730**	**980**	**13,000**	**12,000**	**1,500**	**1,900**
PFMOAA	**140,000**	**130,000 J**	**18,000**	**16,000 J**	**300**	**490**	**140,000**	**150,000**	**2,900**	**5,100**
PFO2HxA	**47,000**	**37,000 J**	**13,000**	**12,000 J**	**640**	**1,100**	**38,000**	**49,000**	**1,200**	**1,900**
PFO3OA	**9,200**	**5,900 J**	**5,100**	**3,800 J**	**330**	**520**	**3,600**	**5,400**	**78**	**150**
PFO4DA	**1,700**	**1,100 J**	**660**	**440 J**	**63**	**95**	**120**	**270**	<59	<59
PFO5DA	<78	<78 UJ	<78	<78 UJ	<78	<78	<78	<78	<78	<78
PMPA	**5,100**	**4,500 J**	**11,000**	**7,900 J**	**860**	**1,200**	**5,000**	**6,200**	**2,300**	**2,900**
PEPA	**1,100**	**950 J**	**4,500**	**3,300 J**	**330**	**440**	**1,200**	**1,500**	**460**	**550**
PS Acid	<20	<20 UJ	<20	<20 UJ	<20	<20	<20	<20	<20	<20
Hydro-PS Acid	**180**	**98 J**	**340**	**270 J**	**22**	<6.1	**28**	**36**	<6.1	<6.1
R-PSDA	**710 J**	**470 J**	**1,200 J**	**960 J**	**160 J**	**150 J**	**540 J**	**560 J**	**150 J**	<71
Hydrolyzed PSDA	**1,200 J**	**740 J**	<38	**63 J**	<38	<38	**890 J**	**1,000 J**	<38	<38
R-PSDCA	<17	<17 UJ	<17	<17 UJ	<17	<17	<17	<17	<17	<17
NVHOS, Acid Form	**1200**	**990 J**	**830**	**630 J**	<15	<15	**1,100**	**1,300**	48	<15
EVE Acid	<17	<17 UJ	<17	<17 UJ	<17	<17	<17	<17	<17	<17
Hydro-EVE Acid	**610**	**330 J**	**650**	**460 J**	<14	<14	**46**	**84**	<14	<14
R-EVE	**870 J**	**550 J**	**1,400 J**	**1,000 J**	<72	**86 J**	**450 J**	**430 J**	**97 J**	<72
Perfluoro(2-ethoxyethane)sulfonic Acid	**12**	<6.7 UJ	<6.7	<6.7 UJ	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
PFECA B	<27	<27 UJ	<27	<27 UJ	<27	<27	<27	<27	<27	<27
PFECA-G	<48	<48 UJ	<48	<48 UJ	<48	<48	<48	<48	<48	<48
Total Table 3+ (17 compounds)[2,3]	**220,000**	**190,000**	**69,000**	**57,000**	**3,300**	**4,800**	**200,000**	**230,000**	**8,500**	**13,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
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ND - No Table 3+ compounds were detected above their associated reporting limits.

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PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	PMP Sampling Program (Semi-Annually)									
	OW-4R	**OW-30**	**OW-32**	**OW-37**	**OW-40**	**OW-51**	**OW-54**	**OW-55**	**OW-56**	**OW-57**
	Next Anticipated Sample Date: Early August 2023	**CAP1Q23-OW-30-021523** Sample Date: 15-Feb-23	**Next Anticipated Sample Date: Late August 2023**	**Next Anticipated Sample Date: Early August 2023**	**CAP1Q23-OW-40-021523** Sample Date: 15-Feb-23	**Next Anticipated Sample Date: Early August 2023**	**CAP1Q23-OW-54-021623** Sample Date: 16-Feb-23	**CAP1Q23-OW-55-021623** Sample Date: 16-Feb-23	**CAP1Q23-OW-56-022123** Sample Date: 21-Feb-23	**CAP1Q23-OW-57-021523** Sample Date: 15-Feb-23
Hfpo Dimer Acid	--	**9,500**	--	--	**5,200**	--	**4,500**	**1,800**	**4,200**	**11,000**
PFMOAA	--	**32,000**	--	--	**6,900**	--	**360**	**220**	**350**	**130,000**
PFO2HxA	--	**12,000**	--	--	**4,200**	--	**2,600**	**690**	**1,800**	**36,000**
PFO3OA	--	**2,100**	--	--	**1,100**	--	**410**	**58**	**200**	**8,600**
PFO4DA	--	<59	--	--	**130**	--	**230**	<59	<59	**1,100**
PFO5DA	--	<78	--	--	<78	--	<78	<78	<78	<78
PMPA	--	**4,300**	--	--	**4,300**	--	**2,600**	**2,800**	**2,600**	**22,000**
PEPA	--	**1300**	--	--	**1600**	--	**1000**	**740**	**990**	**5,100**
PS Acid	--	<20	--	--	<20	--	<20	<20	<20	**770**
Hydro-PS Acid	--	<6.1	--	--	**35**	--	**120**	<6.1	**120**	**220**
R-PSDA	--	**460 J**	--	--	<71	--	<71	<71	**310 J**	**970 J**
Hydrolyzed PSDA	--	**760 J**	--	--	**160 J**	--	<38	<38	<38	**16,000 J**
R-PSDCA	--	<17	--	--	<17	--	<17	<17	<17	**17**
NVHOS, Acid Form	--	**370**	--	--	**130**	--	<15	<15	**110**	**2,000**
EVE Acid	--	<17	--	--	<17	--	<17	<17	<17	<17
Hydro-EVE Acid	--	**24**	--	--	**94**	--	<14	<14	<14	**200**
R-EVE	--	**410 J**	--	--	**170 J**	--	<72	**160 J**	**190 J**	**240 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	--	<6.7	--	--	<6.7	--	<6.7	<6.7	<6.7	<6.7
PFECA B	--	<27	--	--	<27	--	<27	<27	<27	<27
PFECA-G	--	<48	--	--	<48	--	<48	<48	<48	<48
Total Table 3+ (17 compounds)[2,3]	--	**62,000**	--	--	**24,000**	--	**12,000**	**6,300**	**10,000**	**220,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
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J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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**
	Next Anticipated Sample Date: Early July 2023	**Next Anticipated Sample Date: Early August 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Late July 2023**	**Next Anticipated Sample Date: Late July 2023**	**Next Anticipated Sample Date: Early August 2023**	**Next Anticipated Sample Date: Early July 2023**
Hfpo Dimer Acid	--	--	--	--	--	--	--	--	--	--
PFMOAA	--	--	--	--	--	--	--	--	--	--
PFO2HxA	--	--	--	--	--	--	--	--	--	--
PFO3OA	--	--	--	--	--	--	--	--	--	--
PFO4DA	--	--	--	--	--	--	--	--	--	--
PFO5DA	--	--	--	--	--	--	--	--	--	--
PMPA	--	--	--	--	--	--	--	--	--	--
PEPA	--	--	--	--	--	--	--	--	--	--
PS Acid	--	--	--	--	--	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--	--	--	--	--	--
R-PSDA	--	--	--	--	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--	--	--	--	--	--
R-PSDCA	--	--	--	--	--	--	--	--	--	--
NVHOS, Acid Form	--	--	--	--	--	--	--	--	--	--
EVE Acid	--	--	--	--	--	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--	--	--	--	--	--
R-EVE	--	--	--	--	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	--	--	--	--	--	--	--	--
PFECA B	--	--	--	--	--	--	--	--	--	--
PFECA-G	--	--	--	--	--	--	--	--	--	--
Total Table 3+ (17 compounds)[2,3]	--	--	--	--	--	--	--	--	--	--

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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**
	Next Anticipated Sample Date: Late July 2023	**Next Anticipated Sample Date: Late July 2023**	**Next Anticipated Sample Date: Late July 2023**
Hfpo Dimer Acid	--	--	--
PFMOAA	--	--	--
PFO2HxA	--	--	--
PFO3OA	--	--	--
PFO4DA	--	--	--
PFO5DA	--	--	--
PMPA	--	--	--
PEPA	--	--	--
PS Acid	--	--	--
Hydro-PS Acid	--	--	--
R-PSDA	--	--	--
Hydrolyzed PSDA	--	--	--
R-PSDCA	--	--	--
NVHOS, Acid Form	--	--	--
EVE Acid	--	--	--
Hydro-EVE Acid	--	--	--
R-EVE	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	--
PFECA B	--	--	--
PFECA-G	--	--	--
Total Table 3+ (17 compounds)[2,3]	--	--	--

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figure
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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		LTW-05	
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-01-051723 Sample Date: 17-May-23	CAP1Q23-LTW-02-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-02-051723 Sample Date: 17-May-23	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	CAP2Q23-LTW-03-052323 Sample Date: 23-May-23	CAP1Q23-LTW-04-021723 Sample Date: 17-Feb-23	CAP2Q23-LTW-04-052323 Sample Date: 23-May-23	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<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 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 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 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 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 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 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0 UJ	<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 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 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 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 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 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	**4.2**	**4.7 J**	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	**2.2**	<2.0	<2.0
Perfluorobutanoic Acid	**170**	**110 J**	**30**	**61 J**	**130**	**120**	**310**	**230**	**230**	**170**
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<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 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 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**46**	**48 J**	**4.7**	**11 J**	**26**	**28**	**66**	**52**	**210**	**200**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	**6**	**6.3 J**	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	**3.3**	<2.0	<2.0
Perfluorohexanoic Acid	**22**	**23 J**	**3.3**	**8.4 J**	**16**	**17**	**35**	**33**	**38**	**52**
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<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 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<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 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 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	**320**	**250 J**	**99**	**190 J**	**600**	**690**	**1,200**	**1,100**	**1,300**	**1,700**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<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 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	**41**	**49 J**	<2.0	<2.0 UJ	<2.0	<2.0	**10**	**11**	**4.1**	**4.1**
PFOS	**9.9 J**	**22 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+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
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UJ – Analyte not detected. Reporting limit may not be accurate or precise.
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ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	OW-28		OW-33		PIW-1D		PIW-1S		PIW-3D	
	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	**CAP2Q23-OW-28-052523** Sample Date: 25-May-23	**CAP1Q23-OW-33-021423** Sample Date: 14-Feb-23	**CAP2Q23-OW-33-051823** Sample Date: 18-May-23	**CAP1Q23-PIW-1D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-1D-052323** Sample Date: 23-May-23	**CAP1Q23-PIW-1S-021623** Sample Date: 16-Feb-23	**Not Sampled in 2Q 2023 (Dry)**	**CAP1Q23-PIW-3D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-3D-051723** Sample Date: 17-May-23
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0 UJ	<4.0	<4.0	<4.0	--	<4.0	<4.0 UJ
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	--	<5.0	<5.0 UJ
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
DONA	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	--	<5.0	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	--	<5.0	<5.0 UJ
Perfluorobutane Sulfonic Acid	<2.0	**2**	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	**2.2**	**2.1 J**
Perfluorobutanoic Acid	**51**	**51**	**45**	**60 J**	**83**	**59**	**51**	--	**110**	**73 J**
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	**7.2**	**7.3**	**5.6**	**7.6 J**	**16**	**19**	**18**	--	**32**	**32 J**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	**8.6**	--	**3.4**	**3.5 J**
Perfluorohexanoic Acid	**9.9**	**12**	**7.8**	**10 J**	**9.5**	**11**	**7.7**	--	**15**	**14 J**
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	**4.1**	--	**5.2**	**4.8 J**
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluoropentanoic Acid	**68**	**75**	**93**	**120 J**	**150**	**140**	**78**	--	**150**	**150 J**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	--	<2.0	<2.0 UJ
PFOA	**4.3**	**4**	<2.0	**2.2 J**	**18**	**19**	**69**	--	**44**	**43 J**
PFOS	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	**22**	--	**15**	**14 J**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PIW-7D		PIW-7S		PW-04		PZ-22		SMW-12	
	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7D-052223 Sample Date: 22-May-23	CAP1Q23-PIW-7S-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7S-052223 Sample Date: 22-May-23	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP1Q23-SMW-12-022323 Sample Date: 23-Feb-23	CAP2Q23-SMW-12-051723 Sample Date: 17-May-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 UJ
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0 UJ
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ
Perfluorobutane Sulfonic Acid	<2.0	<2.0	**3.6**	**2.8**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorobutanoic Acid	**290**	**150**	**210**	**120**	**8.3**	**10**	**120**	**110**	**19**	**25 J**
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroheptanoic Acid	**140**	**81**	**71**	**52**	**6.6**	**8.8**	**20**	**34**	<2.0	<2.0 UJ
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorohexane Sulfonic Acid	<2.0	<2.0	**4.1**	**3.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorohexanoic Acid	**49**	**33**	**30**	**26**	**2.7**	**3.5**	**17**	**19**	<2.0	**2.5 J**
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoropentanoic Acid	**1,500**	**1,300**	**630**	**530**	**18**	**21**	**820**	**930**	**43**	**62 J**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFOA	**4.5**	**2.9**	**17**	**14**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ
PFOS	<2.0	<2.0	**6.4 J**	**5.4 J**	<2.0	<2.0	<2.0	<2.0	<2.0	**17 J**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	PMP Sampling Program (Semi-Annually)									
	OW-4R	**OW-30**	**OW-32**	**OW-37**	**OW-40**	**OW-51**	**OW-54**	**OW-55**	**OW-56**	**OW-57**
	Next Anticipated Sample Date: Early August 2023	**CAP1Q23-OW-30-021523** Sample Date: 15-Feb-23	**Next Anticipated Sample Date: Late August 2023**	**Next Anticipated Sample Date: Early August 2023**	**CAP1Q23-OW-40-021523** Sample Date: 15-Feb-23	**Next Anticipated Sample Date: Early August 2023**	**CAP1Q23-OW-54-021623** Sample Date: 16-Feb-23	**CAP1Q23-OW-55-021623** Sample Date: 16-Feb-23	**CAP1Q23-OW-56-022123** Sample Date: 21-Feb-23	**CAP1Q23-OW-57-021523** Sample Date: 15-Feb-23
10:2 Fluorotelomer sulfonate	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	<4.0	--	--	<4.0	--	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
DONA	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	--	<5.0	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	--	<2.0	--	--	<2.0	--	**2.3**	<2.0	**2.5**	**4.1**
Perfluorobutanoic Acid	--	**150**	--	--	**60**	--	**23**	**18**	**22**	**140**
Perfluorodecane Sulfonic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	--	**12**	--	--	**16**	--	**9.3**	<2.0	**3.5**	**71**
Perfluorohexadecanoic Acid (PFHxDA)	--	<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	**2.3**
Perfluorohexanoic Acid	--	**16**	--	--	**11**	--	**5.3**	**2.6**	**6.7**	**63**
Perfluorononanesulfonic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	--	**530**	--	--	**120**	--	**40**	**27**	**44**	**320**
Perfluorotetradecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0
PFOA	--	<2.0	--	--	**2.3**	--	**17**	<2.0	**2.7**	**750**
PFOS	--	<2.0	--	--	<2.0	--	<2.0	<2.0	<2.0	<2.0

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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**
	Next Anticipated Sample Date: Early July 2023	**Next Anticipated Sample Date: Early August 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Early July 2023**	**Next Anticipated Sample Date: Late July 2023**	**Next Anticipated Sample Date: Late July 2023**	**Next Anticipated Sample Date: Early August 2023**	**Next Anticipated Sample Date: Early July 2023**
10:2 Fluorotelomer sulfonate	--	--	--	--	--	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--	--	--	--	--	--
DONA	--	--	--	--	--	--	--	--	--	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	--	--	--	--	--	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--	--	--	--	--	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorododecane Sulfonic Acid (PFDoS)	--	--	--	--	--	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluoroheptane Sulfonic Acid (PFHpS)	--	--	--	--	--	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorohexadecanoic Acid (PFHxDA)	--	--	--	--	--	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorononanesulfonic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorooctadecanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--	--	--	--	--	--
Perfluoropentane Sulfonic Acid (PFPeS)	--	--	--	--	--	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--	--	--	--	--	--
PFOA	--	--	--	--	--	--	--	--	--	--
PFOS	--	--	--	--	--	--	--	--	--	--

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #2 (Apr - Jun 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
	Next Anticipated Sample Date: Late July 2023	Next Anticipated Sample Date: Late July 2023	Next Anticipated Sample Date: Late July 2023
10:2 Fluorotelomer sulfonate	--	--	--
11Cl-PF3OUdS	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--
9Cl-PF3ONS	--	--	--
DONA	--	--	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--
Perfluorobutanoic Acid	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--
Perfluorodecanoic Acid	--	--	--
Perfluorododecane Sulfonic Acid (PFDoS)	--	--	--
Perfluorododecanoic Acid	--	--	--
Perfluoroheptane Sulfonic Acid (PFHpS)	--	--	--
Perfluoroheptanoic Acid	--	--	--
Perfluorohexadecanoic Acid (PFHxDA)	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--
Perfluorohexanoic Acid	--	--	--
Perfluorononanesulfonic Acid	--	--	--
Perfluorononanoic Acid	--	--	--
Perfluorooctadecanoic Acid	--	--	--
Perfluorooctane Sulfonamide	--	--	--
Perfluoropentane Sulfonic Acid (PFPeS)	--	--	--
Perfluoropentanoic Acid	--	--	--
Perfluorotetradecanoic Acid	--	--	--
Perfluorotridecanoic Acid	--	--	--
Perfluoroundecanoic Acid	--	--	--
PFOA	--	--	--
PFOS	--	--	--

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figure
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.
ND - No Table 3+ compounds were detected above their associated reporting limits.

Table 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	WC-1				WC-2				WC-3				WC-6
	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	**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	**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	**CAP1Q23-WC-6-021323** Sample Date: 13-Feb-23
Hfpo Dimer Acid	**560**	**580**	**310**	**430**	**320**	**490**	**180**	**290**	**180**	**190**	**100**	**150**	**170**
PFMOAA	**1,300**	**1,900**	**480**	**830**	**250**	**1,000**	**300**	**360**	**45**	**72**	**35**	**55**	**300**
PFO2HxA	**650**	**960**	**280**	**500**	**250**	**640**	**160**	**280**	**140**	**190**	**74**	**130**	**160**
PFO3OA	**130**	**160**	**45**	**90**	**40**	**89**	**21**	**42**	**19**	**21**	**8.7**	**16**	**30**
PFO4DA	**25**	**29**	**10**	**15**	**12**	**17**	**4.5**	**8.2**	**5.3**	**4.8**	**2.1**	**3.5**	**6.1**
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
PMPA	**640**	**790**	**340**	**430**	**330**	**570**	**240**	**310**	**230**	**260**	**160**	**190**	**210**
PEPA	**150**	**200**	**74**	**120**	**70**	**150**	**52**	**86**	**45**	**70**	**32**	**53**	**47**
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
Hydro-PS Acid	**14**	**14**	**8**	**11**	**12**	**11**	**7.2**	**8.2**	**9.3**	**7.8**	**6.5**	**6.8**	**7.5**
R-PSDA	**42 J**	**36 J**	**30 J**	**86 J**	**26 J**	**31 J**	**18 J**	**49 J**	<2.0	**12 J**	**15 J**	**32 J**	**18 J**
Hydrolyzed PSDA	**230 J**	**230 J**	**190 J**	**380 J**	**44 J**	**130 J**	**28 J**	**44 J**	<2.0	<2.0	<2.0	<2.0	**110 J**
R-PSDCA	<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
NVHOS, Acid Form	**21**	**30**	**14**	**20**	**8.3**	**19**	**5.7**	**8.6**	**4.6**	**3.2**	**2.5**	**2.8**	**7**
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
Hydro-EVE Acid	**9.9**	**13**	**5.1**	**6.7**	**4.5**	**12**	<2.0	**3.1**	<2.0	<2.0	<2.0	<2.0	**3.1**
R-EVE	**24 J**	**16 J**	**14 J**	**38 J**	**9.4 J**	**19 J**	**9.6 J**	**28 J**	**5.6 J**	**6.1 J**	**7.5 J**	**16 J**	**8.5 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
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
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
Total Table 3+ (17 compounds)[2,3]	**3,500**	**4,700**	**1,600**	**2,500**	**1,300**	**3,000**	**970**	**1,400**	**680**	**820**	**420**	**610**	**940**

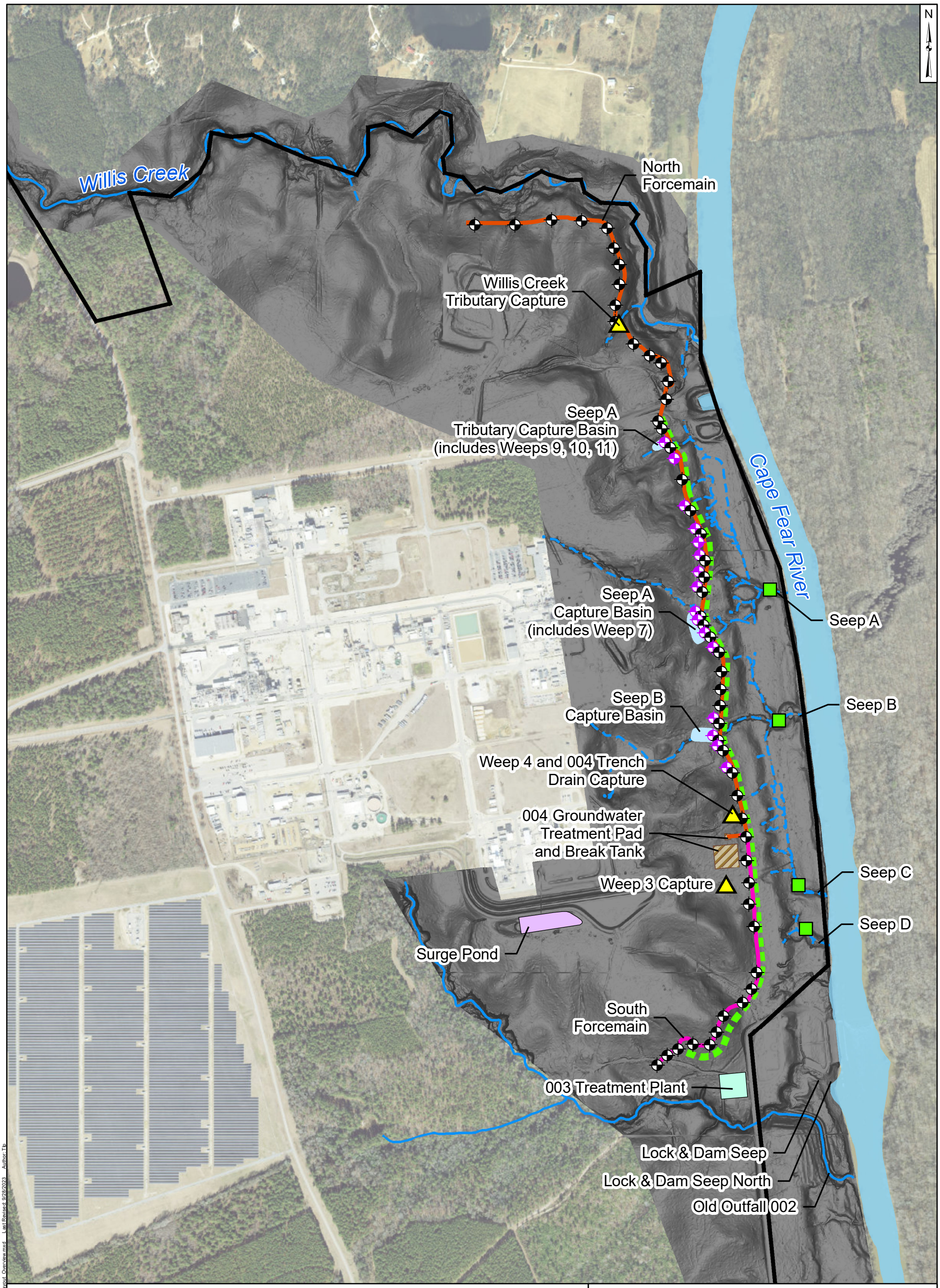
Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #2 (Apr - Jun 2023)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] (ng/L)	WC-1				WC-2				WC-3				WC-6
	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	**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	**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	**CAP1Q23-WC-6-021323** Sample Date: 13-Feb-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
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
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
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-(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-(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
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
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
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
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
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
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
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
Perfluorobutane Sulfonic Acid	**4.6**	**3.9**	**4.4**	**4.6**	**4.4**	**3.6**	**4.5**	**4.6**	**4.7**	**3.1**	**4.6**	**4.3**	**3.7**
Perfluorobutanoic Acid	**6.6**	**9.1**	**7**	**6.3**	<5.0	**10**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<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
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
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
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
Perfluoroheptanoic Acid	**2.4**	**2.9**	<2.0	**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
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
Perfluorohexanoic Acid	**3.5**	**4.1**	**2.8**	**3.7**	**3**	**3.9**	**2.6**	**3.1**	**2.6**	**2.3**	**2.1**	**2.7**	**2.1 J**
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
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
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
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
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
Perfluoropentanoic Acid	**13**	**13**	**7.8**	**11**	**8.8**	**13**	**5**	**7.3**	**5.5**	**4.5**	**3.6**	**5.1**	**4.3**
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
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
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
PFOA	**9.7**	**10**	**5.8**	**7.7**	**3.4**	**5.1**	**2.8**	**3.1**	**2.4**	<2.0	<2.0	<2.0	**3.7**
PFOS	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.3**	<2.0	<2.0	<2.0	**2.3 J**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ 20 compounds.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

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

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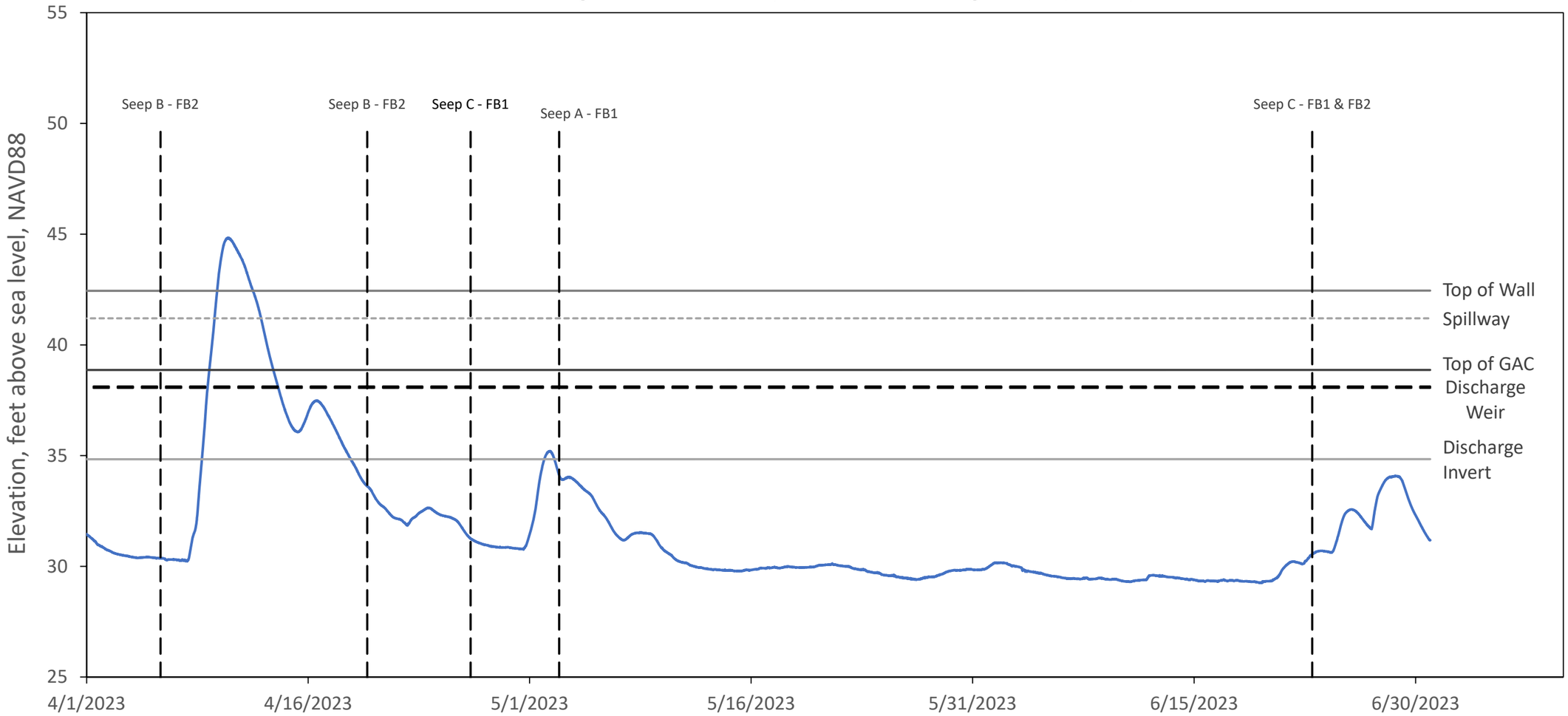
Figure 1-1

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC-CMM\TR0795_Remedy_Layout_Overview.mxd Last Revised: 9/28/2023 Author: Tlp

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

River Elevation During Second Quarter (04/01/2023 through 06/30/2023)



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

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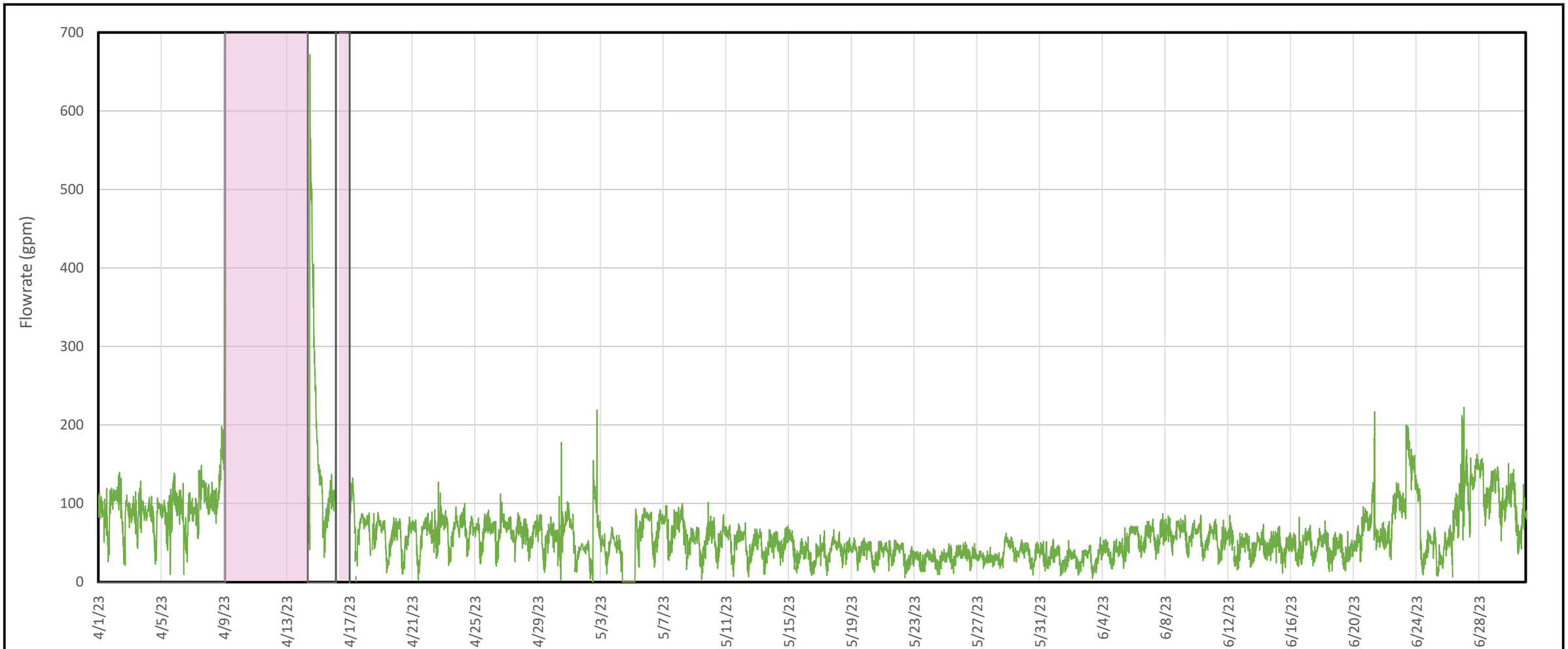
Figure 2-1



Legend

- Measured Discharge Flowrate
- Cape Fear River Above Discharge Weir Elevation

Flowrate Statistics (gpm)

	(04/01 - 06/30)	Since Startup
Median	53	80
95th percentile	123	242
Max	678	882

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 April 9 to 14, 2023 and April 16 to 17, 2023, the Cape Fear River rose above the elevation of the discharge weir (W3), and head differentials throughout the flow-through cell were reduced and flow through the system was hindered (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

FTC Discharge Flowrate
(Apr - Jun 2023) - Seep A

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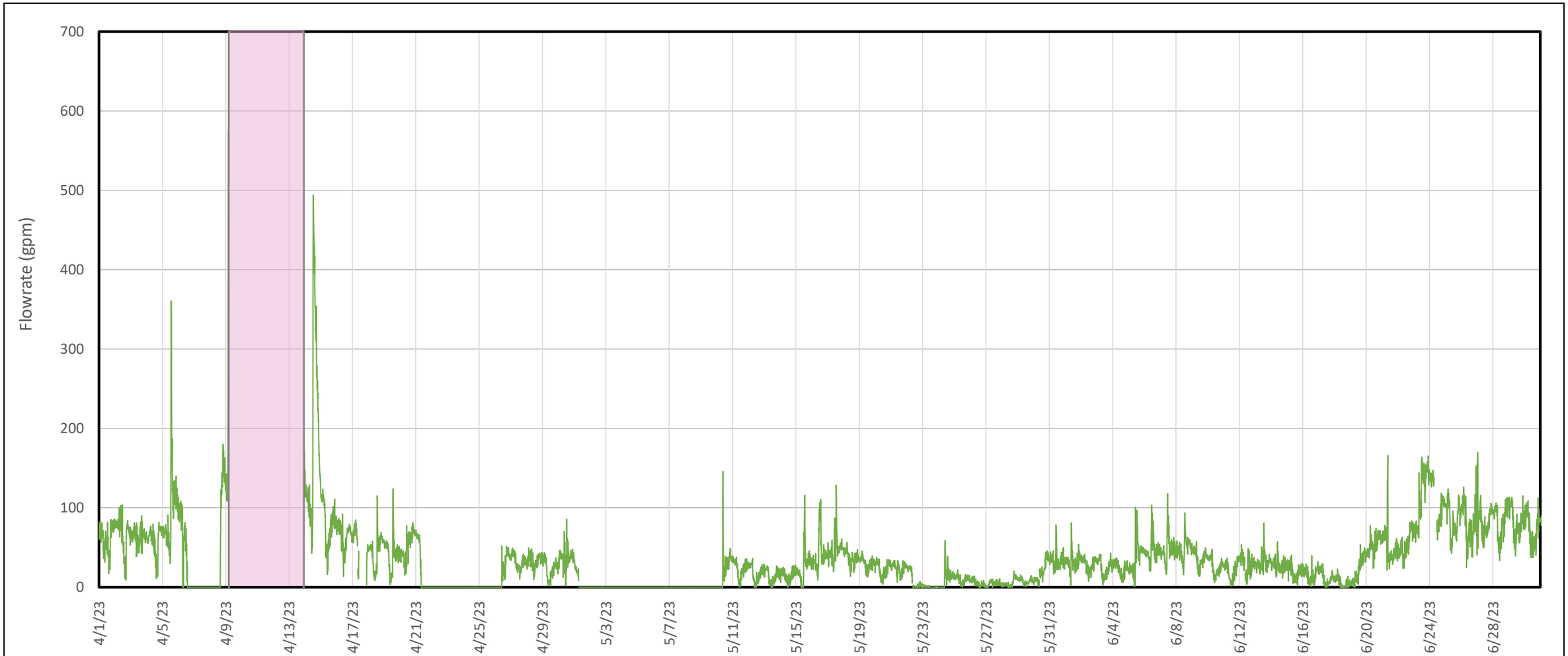
Figure 2-2A



Legend

- Measured Discharge Flowrate
- Cape Fear River Above Discharge Weir Elevation

Flowrate Statistics (gpm)

	(04/01 - 06/30)	Since Startup
Median	32	111
95th percentile	106	256
Max	576	1,153

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 April 9 to 14, 2023, the Cape Fear River rose above the elevation of the discharge weir (W3), and head differentials throughout the flow-through cell were reduced and flow through the system was hindered (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

In April and May, it was observed that flow into the impoundment was reduced and for some periods stopped completely. This is attributed to the installation and operation of the long-term groundwater remedy and barrier wall. See Section 2.3.1 for details.

FTC Discharge Flowrate (Apr - Jun 2023) - Seep B

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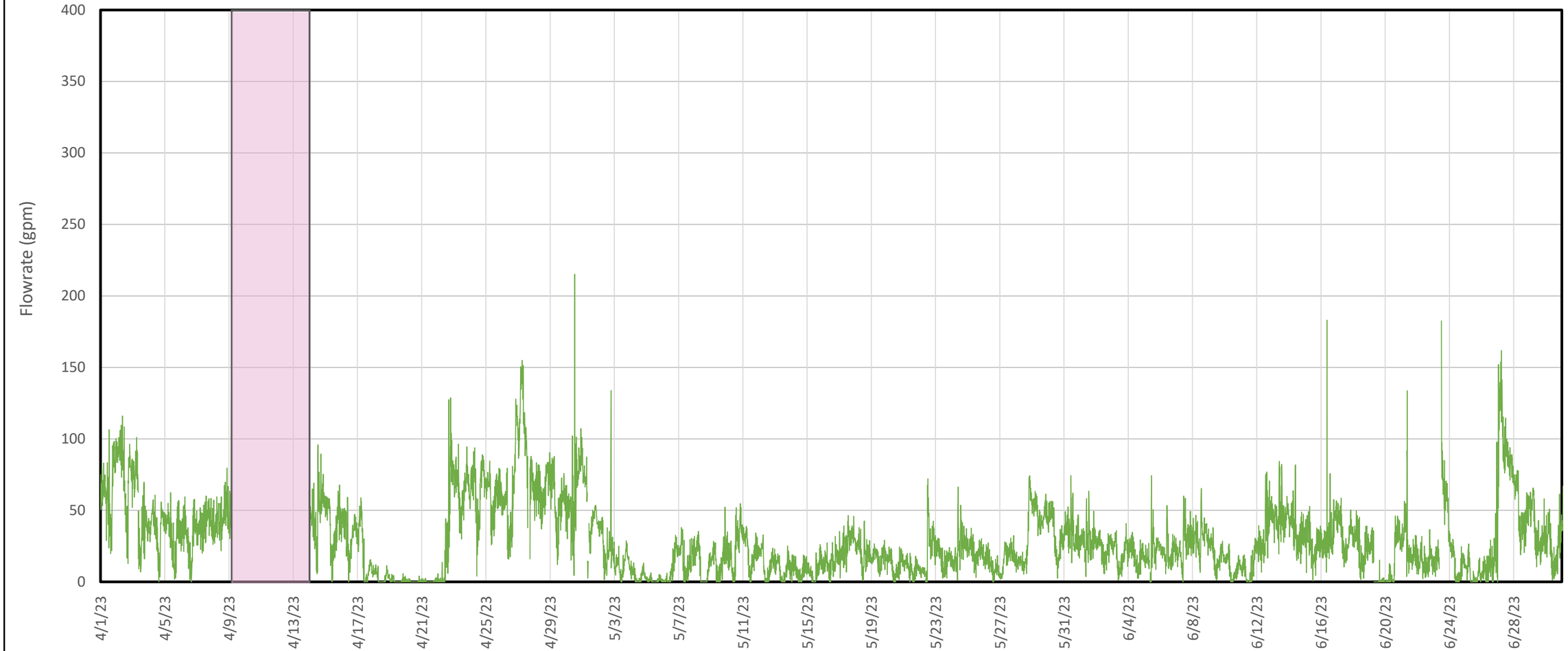
Figure 2-2B



Legend

- Measured Discharge Flowrate
- Cape Fear River Above Discharge Weir Elevation

Flowrate Statistics (gpm)

	(04/01 - 06/30)	Since Startup
Median	24	45
95th percentile	79	97
Max	282	323

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 April 9 to 14, 2023, the Cape Fear River rose above the elevation of the discharge weir (W3), and head differentials throughout the flow-through cell were reduced and flow through the system was hindered (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

In April and May, it was observed that flow into the impoundment was reduced and for some periods stopped completely. This is attributed to the installation and operation of the long-term groundwater remedy and barrier wall. See Section 2.3.1 for details.

FTC Discharge Flowrate
(Apr - Jun 2023) - Seep C
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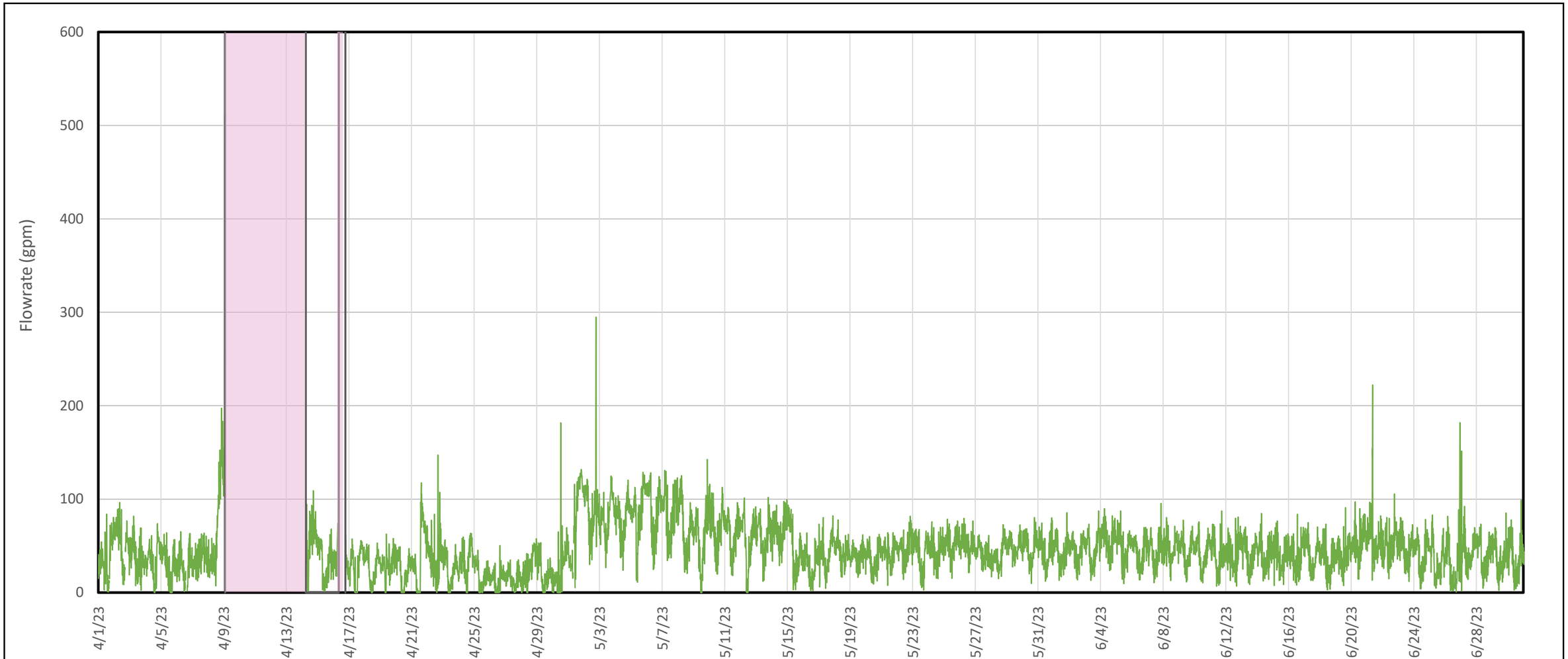
Figure 2-2C



Legend

- Measured Discharge Flowrate
- Cape Fear River Above Discharge Weir Elevation

Flowrate Statistics (gpm)

	(04/01 - 06/30)	Since Startup
Median	44	72
95th percentile	92	242
Max	511	836

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 April 9 to 14, 2023 and on April 16, 2023, the Cape Fear River rose above the elevation of the discharge weir (W3), and head differentials throughout the flow-through cell were reduced and flow through the system was hindered (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

FTC Discharge Flowrate
(Apr - Jun 2023) - Seep D
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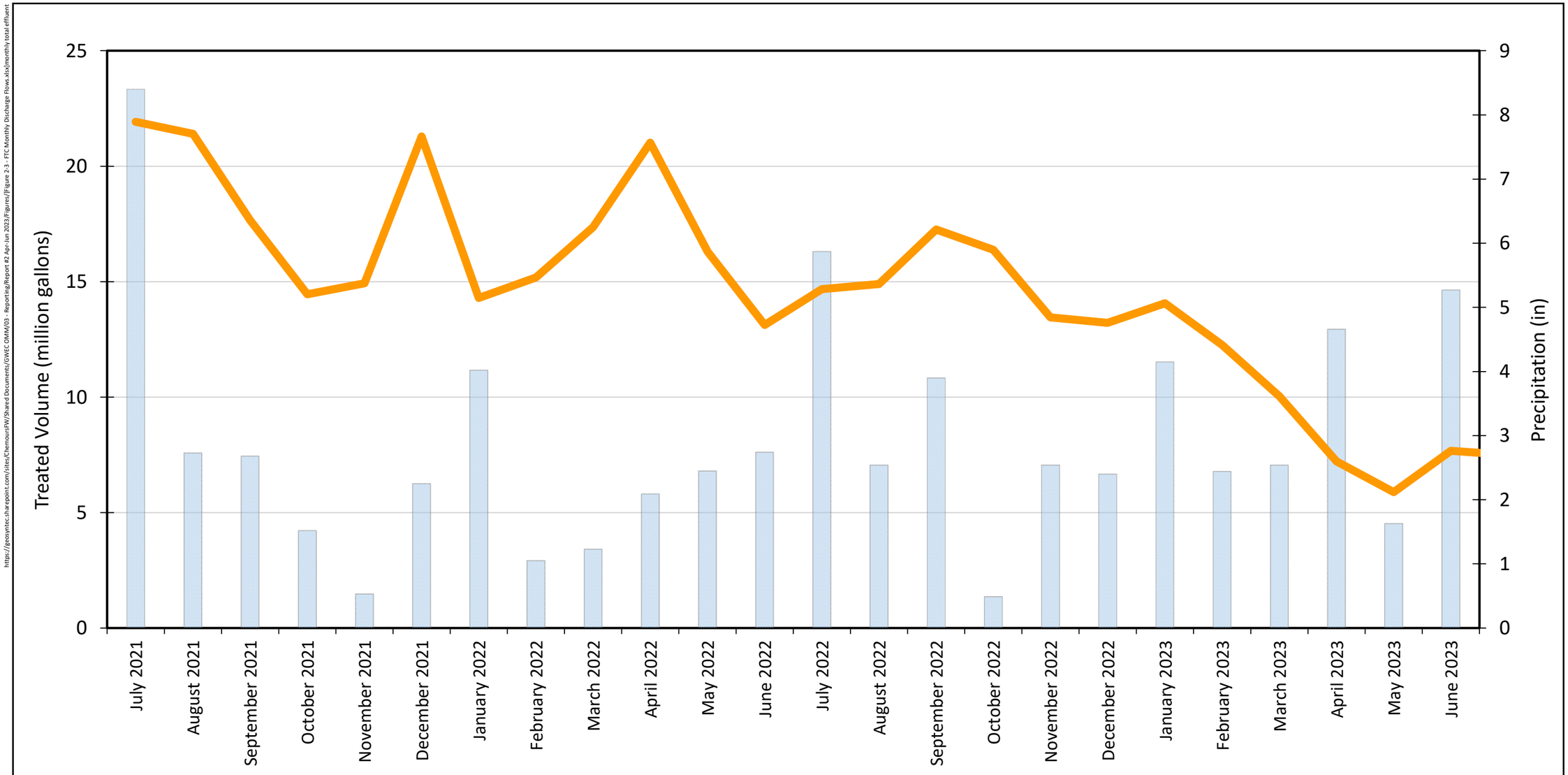
Figure 2-2D



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.

During dry conditions, to promote processing of flow and prevent bacterial growth, Operation and Maintenance personnel pumped water from the impoundment into the lead filter bed, which was successful in alleviating bacterial interference and maintaining flow rates through the FTCs. As a result, flows recorded through the Flow-Through Cell may be artificially higher than true baseflow conditions. It is anticipated that this pumping process will discontinue after transitioning to batch mode processing.

FTC Monthly Total Discharge Volumes (July 2021 - June 2023)

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Fayetteville, North Carolina

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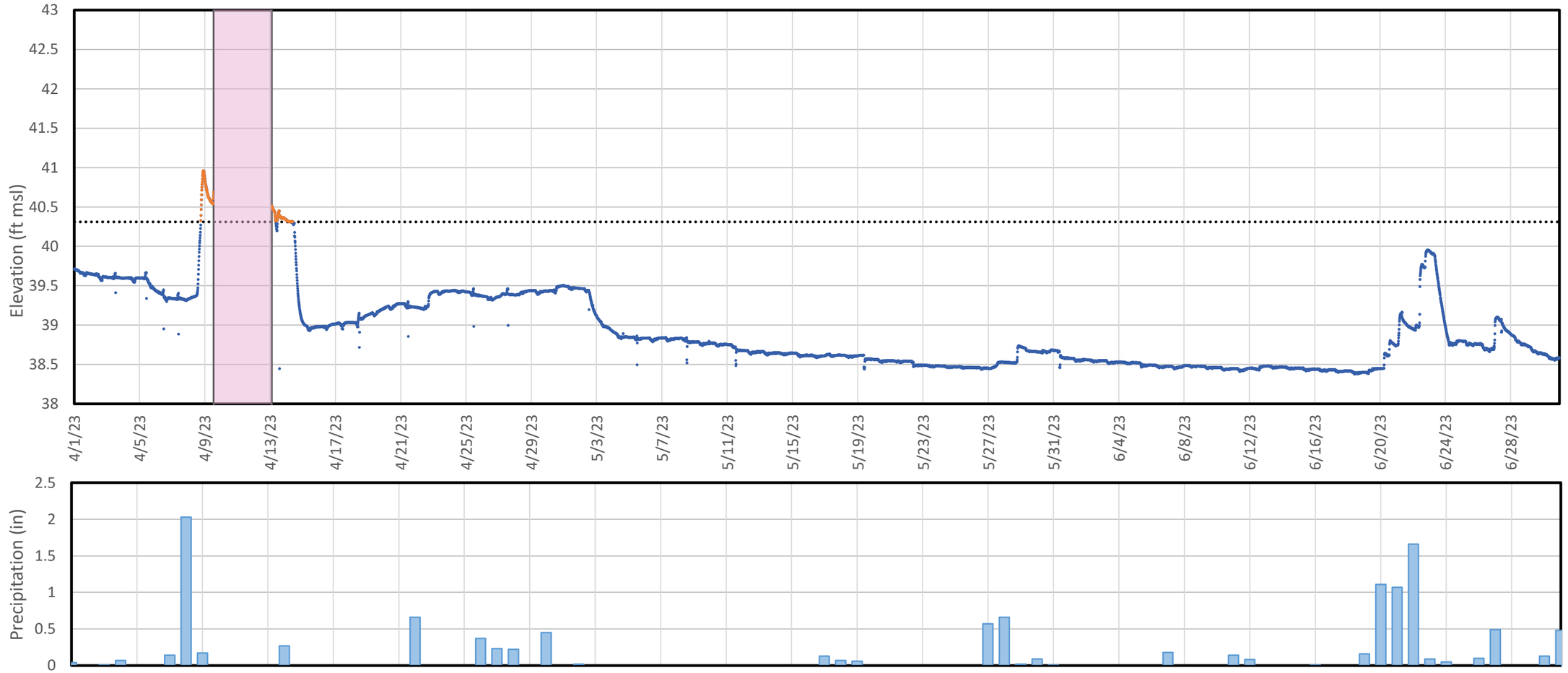
Figure 2-3



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- Cape Fear River Above Spillway

Notes:

This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
Between April 9 and April 13, 2023, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent and effluent water elevations to be equal, and consequently ceasing any flow through the system (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

FTC Influent Water Elevation (Apr - Jun 2023) - Seep A

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Fayetteville, North Carolina

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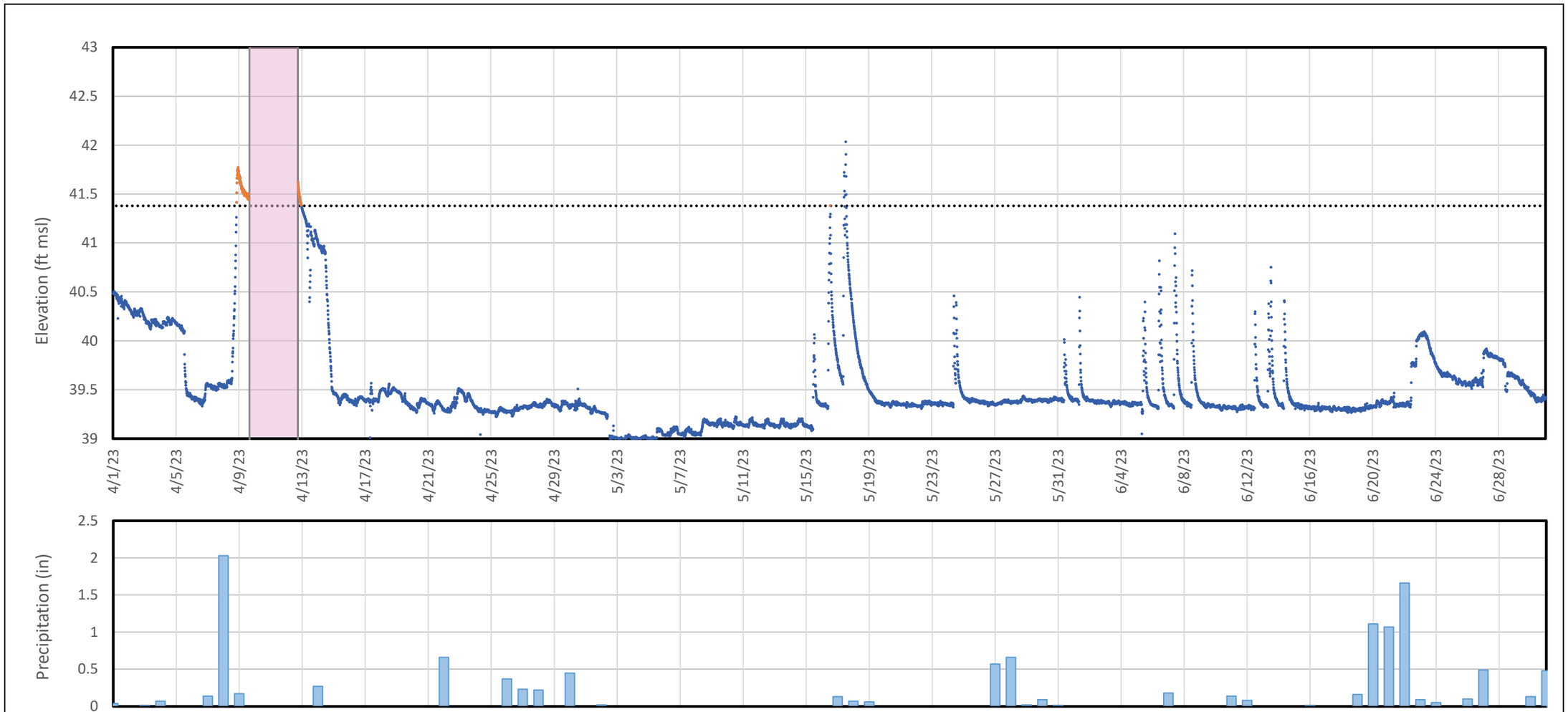
Figure 2-4A



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- Cape Fear River Above Spillway

Notes:

This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.

Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.

Between April 9 and April 13, 2023, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent and effluent water elevations to be equal, and consequently ceasing any flow through the system (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

Transient spikes and drops in influent water elevation coincide with the running of filter skids, which have been implemented at Seep B to improve pre-filtration of fine-grained sediment in influent water. The filter skids withdraw water from the impoundment and pump the filtered water directly into the influent stilling basin (ISB). In these brief periods, the transducer in the ISB does not reflect the actual impoundment elevation.

FTC Influent Water Elevation (Apr - Jun 2023) - Seep B

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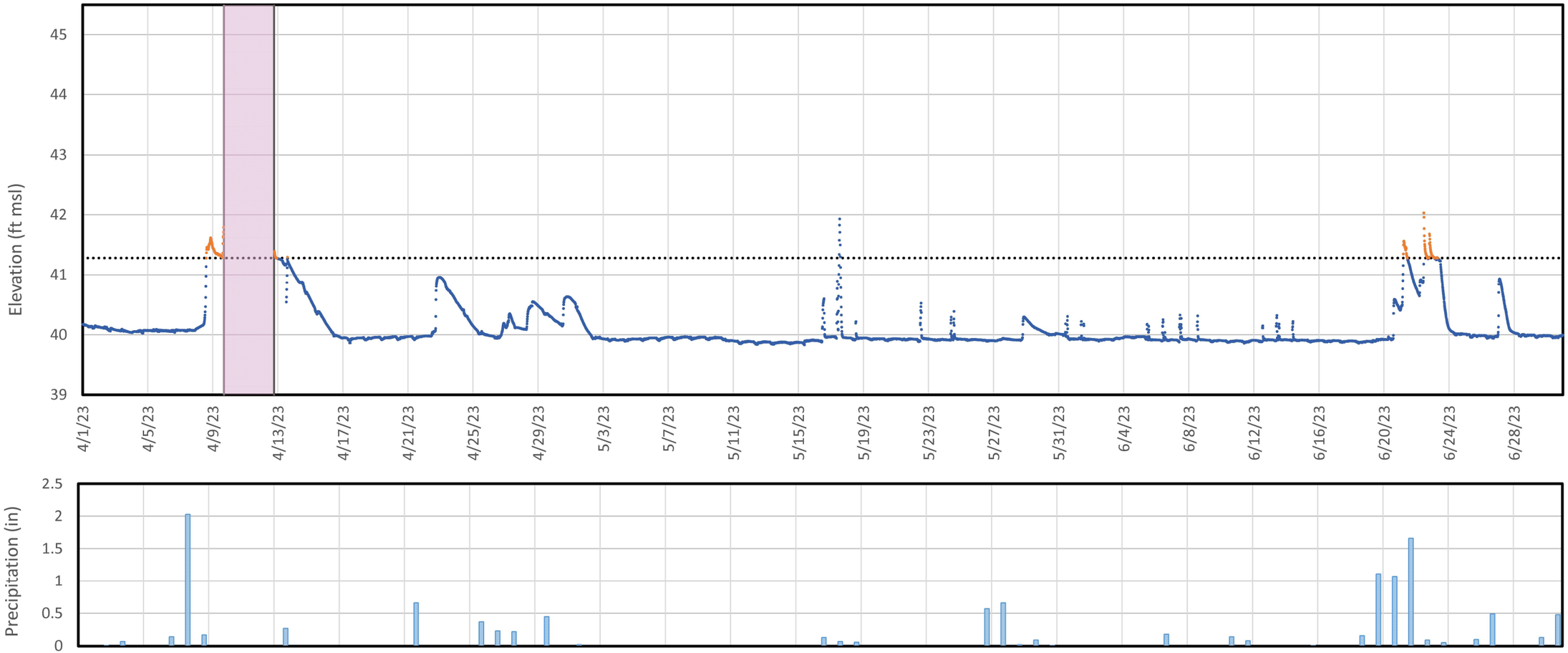
Figure 2-4B



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- Cape Fear River Above Spillway

Notes:

This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.

Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.

Between April 9 and April 13, 2023, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent and effluent water elevations to be equal, and consequently ceasing any flow through the system (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

Transient spikes and drops in influent water elevation coincide with the running of filter skids, which have been implemented at Seep C to improve pre-filtration of fine-grained sediment in influent water. The filter skids withdraw water from the impoundment and pump the filtered water directly into the influent stilling basin (ISB). In these brief periods, the transducer in the ISB does not reflect the actual impoundment elevation.

FTC Influent Water Elevation (Apr - Jun 2023) - Seep C

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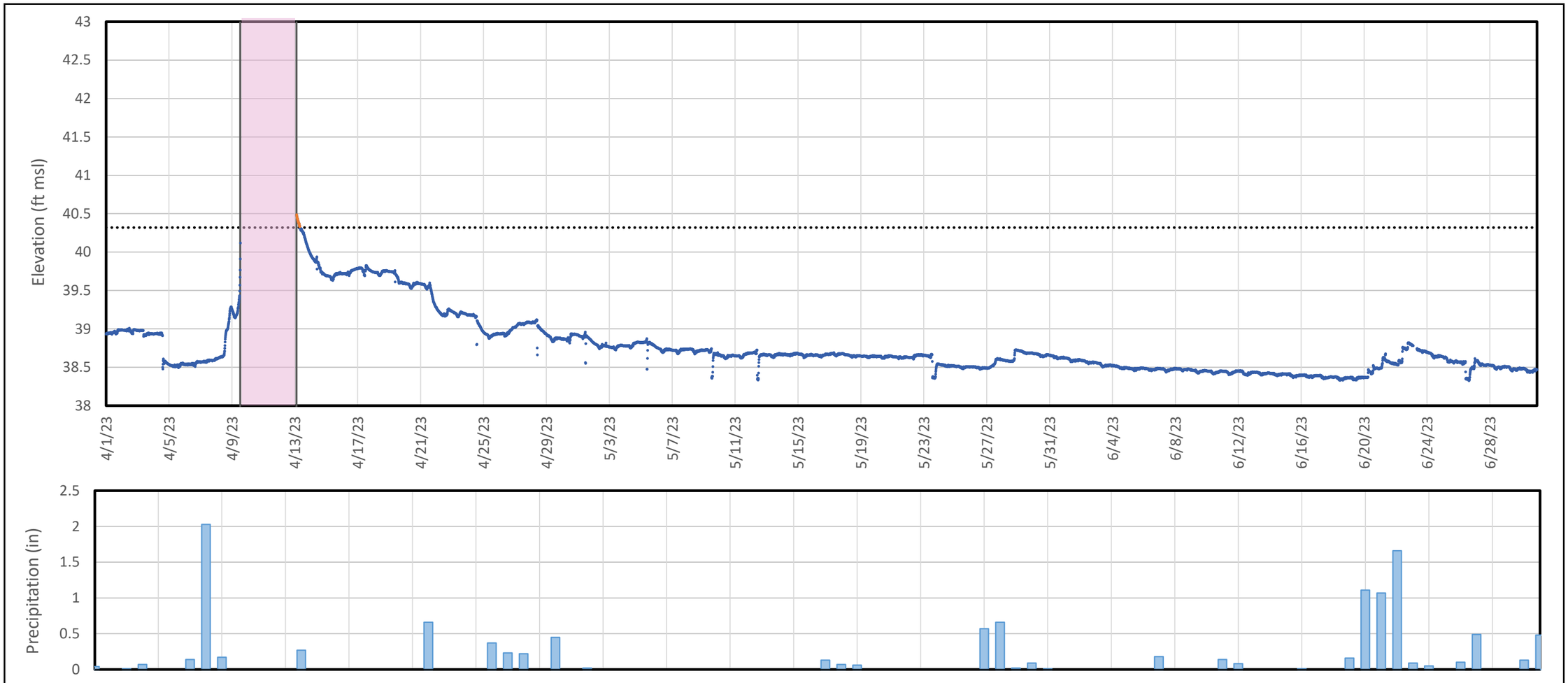
Figure 2-4C



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- Cape Fear River Above Spillway

Notes:

This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.

Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.

Between April 9 and April 13, 2023, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent and effluent water elevations to be equal, and consequently ceasing any flow through the system (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.

FTC Influent Water Elevation (Apr - Jun 2023) - Seep D

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Figure 2-4D

PW-04
4,800

EW-69
12,000

EW-68
38,000

EW-67
72,000

EW-66
96,000

OW-32

EW-65
14,000

EW-64
DRY

EW-63
98,000

EW-62
110,000

PW-11

OW-4R

PIW-10DR

PIW-10S

EW-61
88,000

EW-60
68,000

EW-58
95,000

EW-57
81,000

EW-56
350,000

OW-37

OW-51

EW-55
300,000

EW-54
310,000

EW-52
290,000

EW-53
330,000

EW-50
130,000

EW-51
240,000

OW-40

OW-30

PIW-7D
190,000

PIW-7S
57,000

PIW-8D

LTW-05
220,000

OW-33
26,000

OW-28
20,000

N

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

Other Wells
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet mean sea level
- Groundwater Treatment Pad and Break Tank
- Seep
- Nearby Tributary to River
- Cape Fear River

Notes:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in Extraction Wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed on April 12, 2023. PFAS results for the collection of MWs/OWs are from the most recent periodic sampling performed for these wells (May 17-25, 2023). WC PFAS results are from the sampling performed on May 12, 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 (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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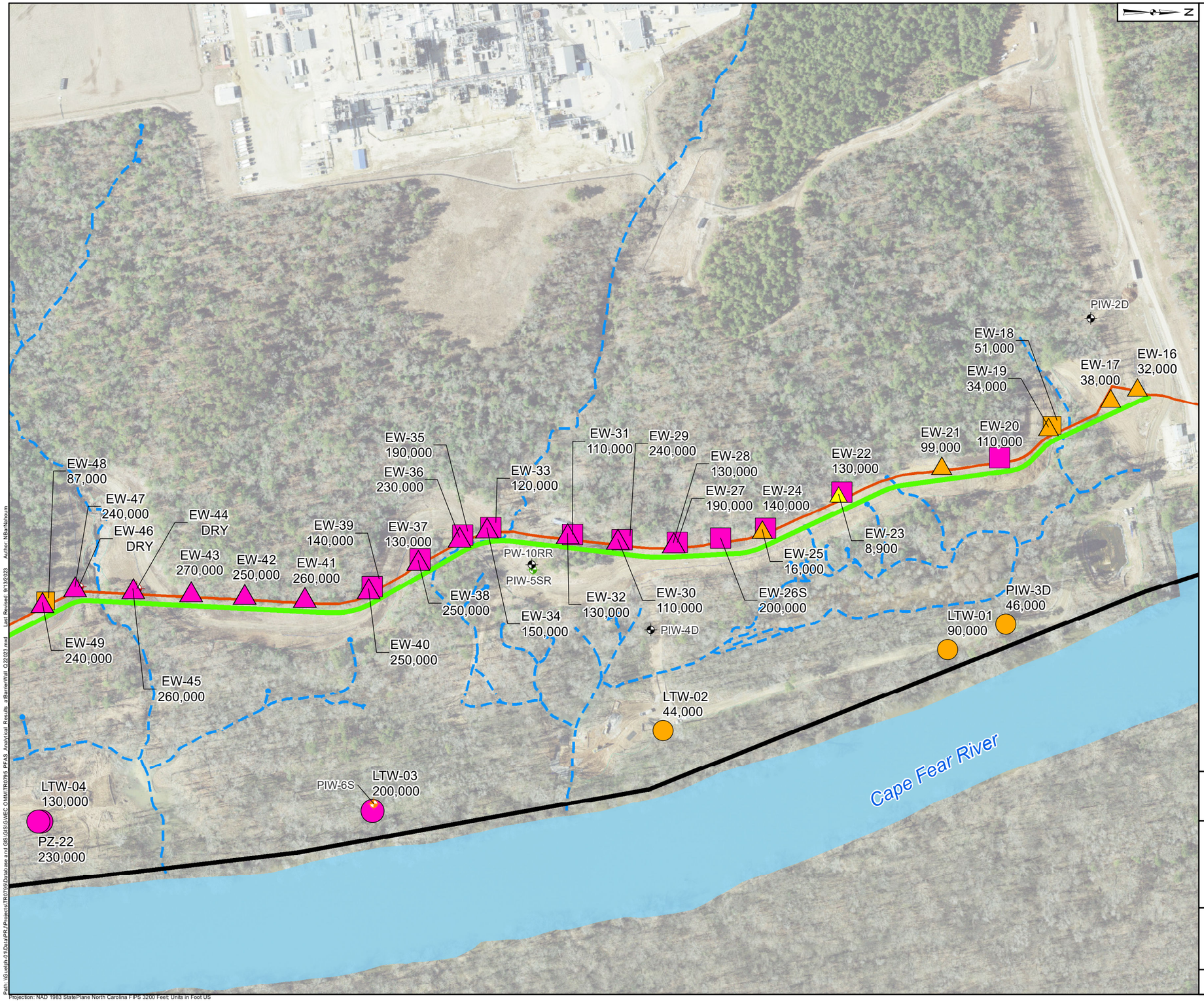
Figure
4-1A

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_PFAS_AnalyticalResults_atBarrierWall_Q222023.mxd Last Revised: 9/13/2023 Author: NBarNahoum

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

Other Wells
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- 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:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in Extraction Wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed on April 12, 2023. PFAS results for the collection of MWs/OWs are from the most recent periodic sampling performed for these wells (May 17-25, 2023). WC PFAS results are from the sampling performed on May 12, 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 (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

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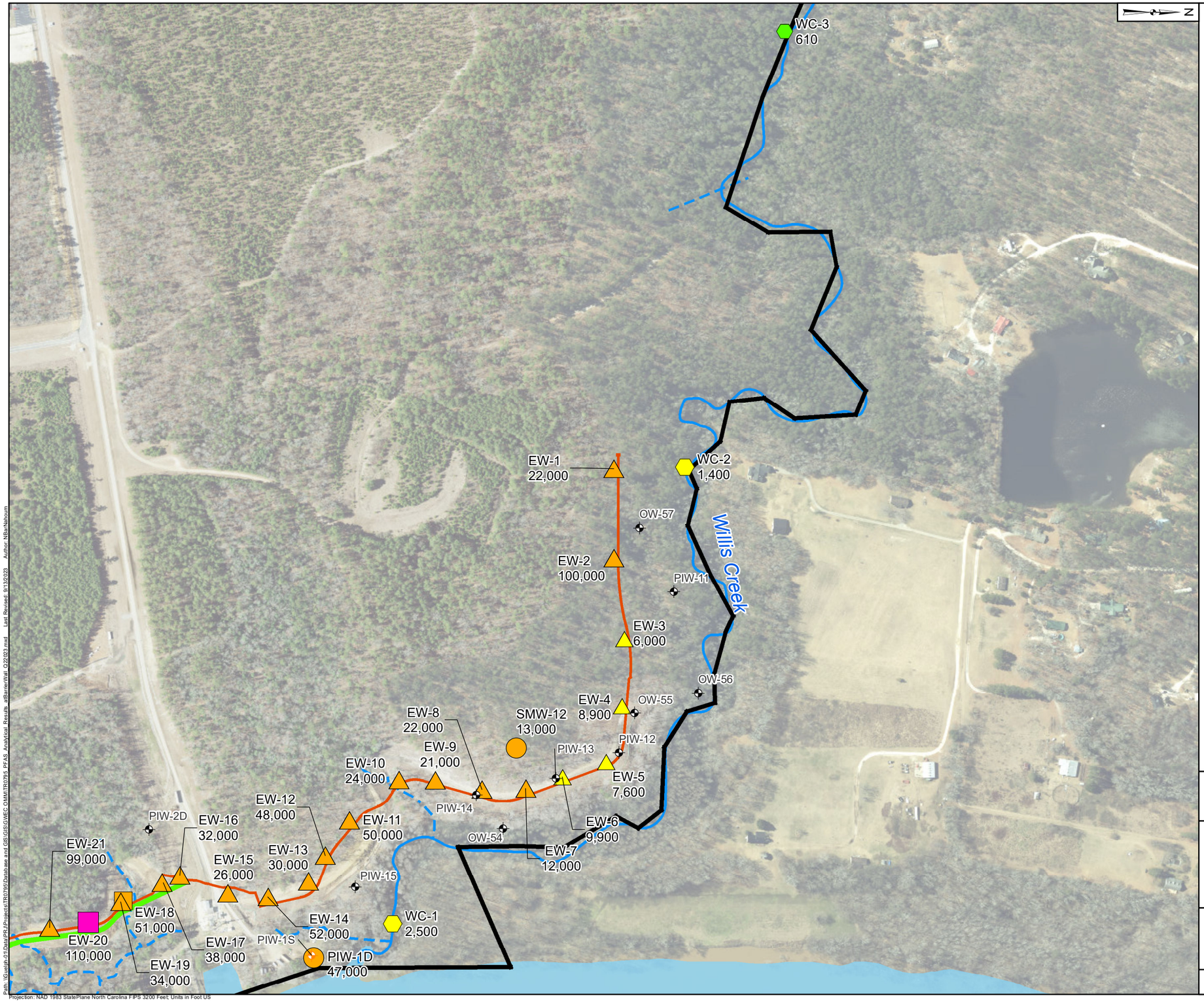
Figure
4-1B

Path: \\Guelph-01\Data\PRJ\Projects\TR07765\Database and GIS\GIS\GWEC OMM\TR07915_PFAS_AnalyticalResults_atBarrierWall_Q22023.mxd Last Revised: 9/13/2023 Author: NBar/Nhbourn

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



Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 PFAS Analytical Results atBarrierWall Q22023.mxd Last Revised: 9/13/2023 Author: NBarNahoum

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

Other Wells
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer

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

Notes:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in Extraction Wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed on April 12, 2023. PFAS results for the collection of MWs/OWs are from the most recent periodic sampling performed for these wells (May 17-25, 2023). WC PFAS results are from the sampling performed on May 12, 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 (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

PFAS Analytical Results

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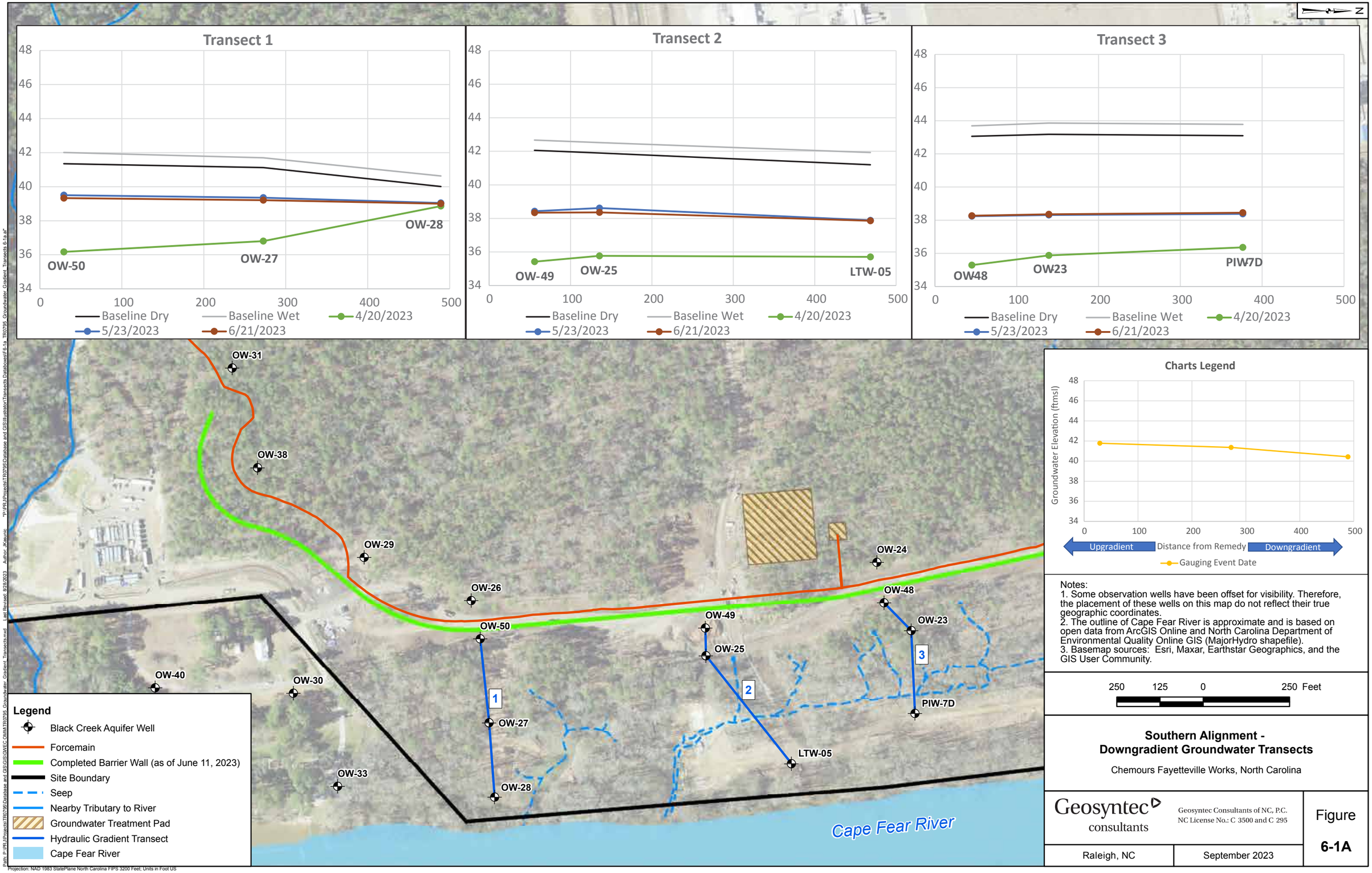
Figure
4-1C



Notes:
1. Some observation 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.

250 125 0 250 Feet

Southern Alignment - Downgradient Groundwater Transects

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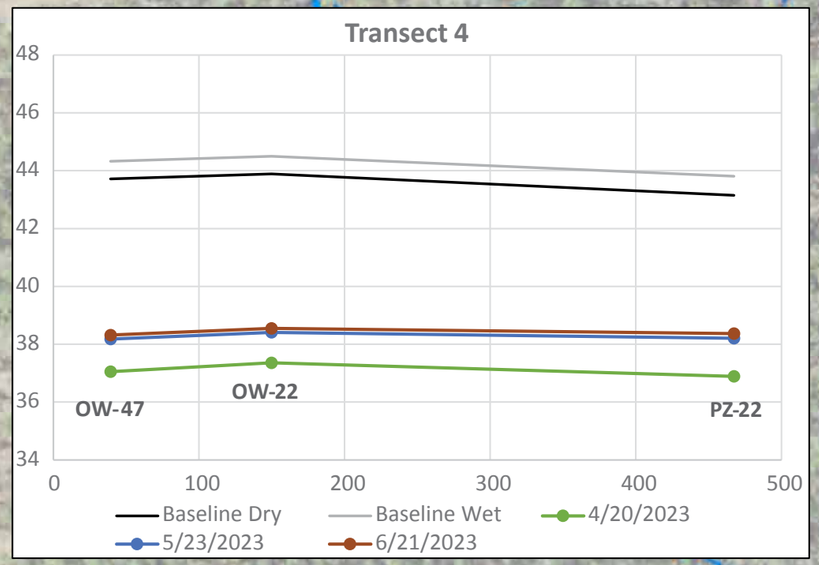
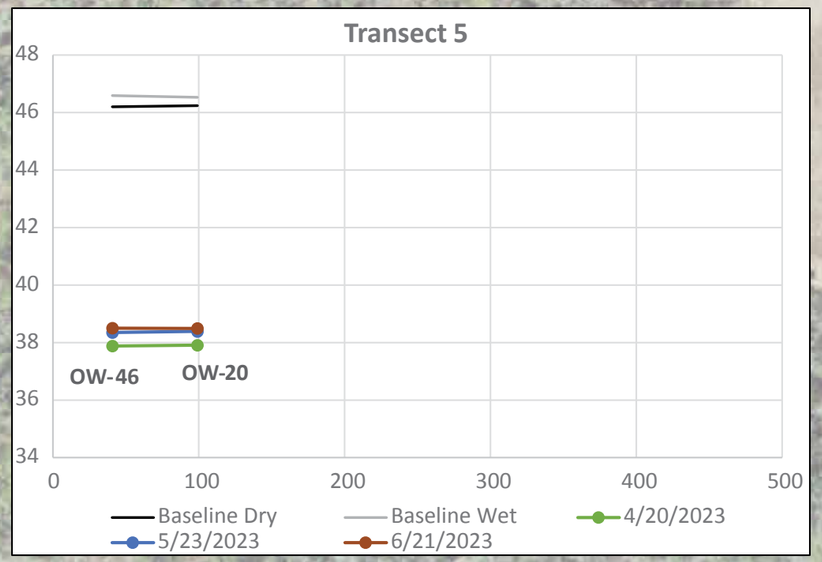
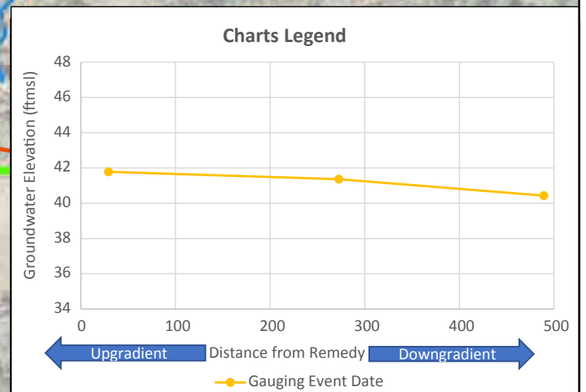
Figure **6-1A**

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

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 Groundwater Gradient Transects.mxd Last Revised: 8/28/2023 Author: JKasunic "P:\PR\Projects\TR0795\Database and GIS\Illustrator\Transects Database\F6-1a TR0795 Groundwater Gradient Transects 6-1a.ai"







Notes:
1. Some observation 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.

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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Figure **6-1B**

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

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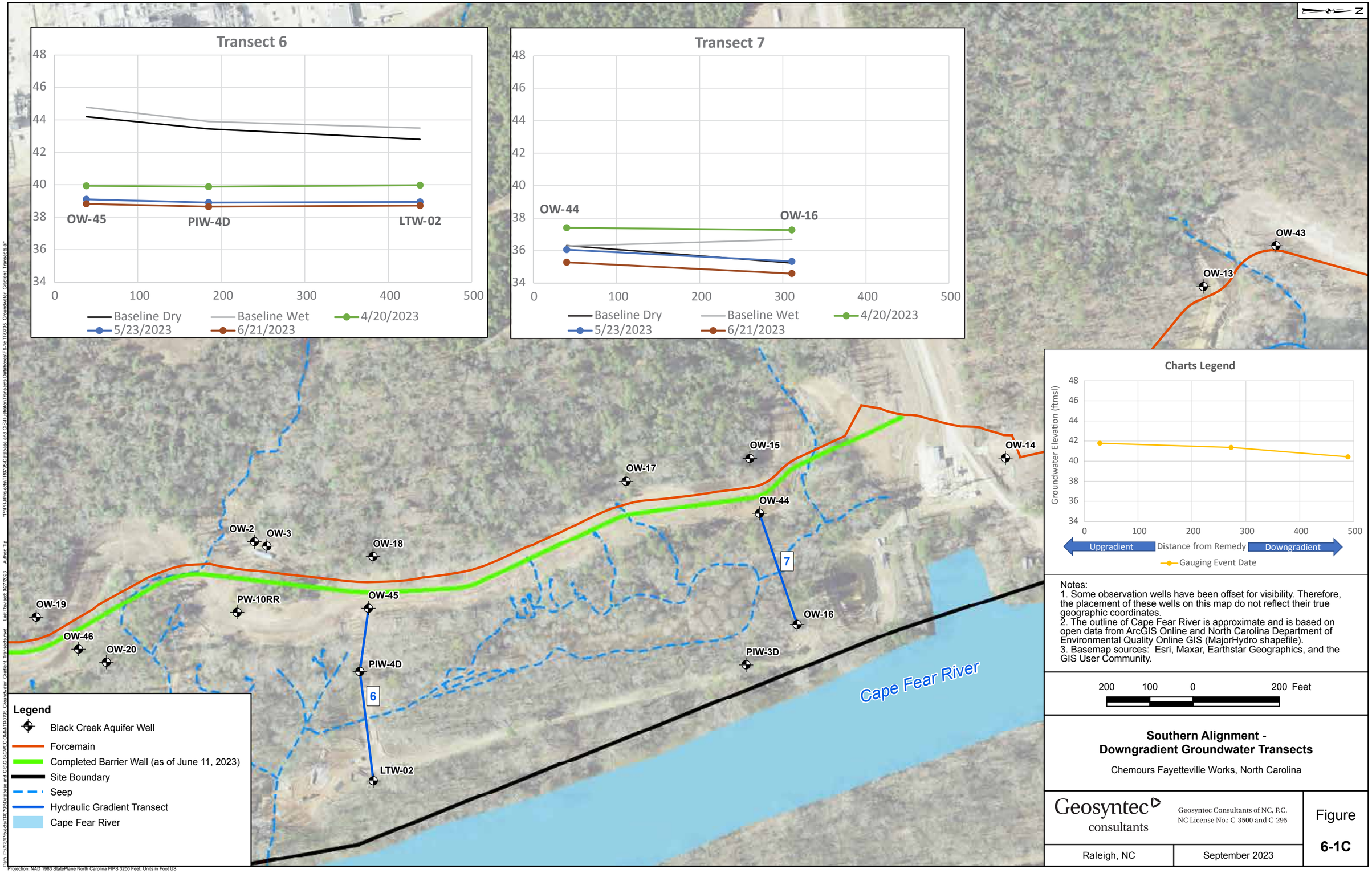

Notes:
1. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental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

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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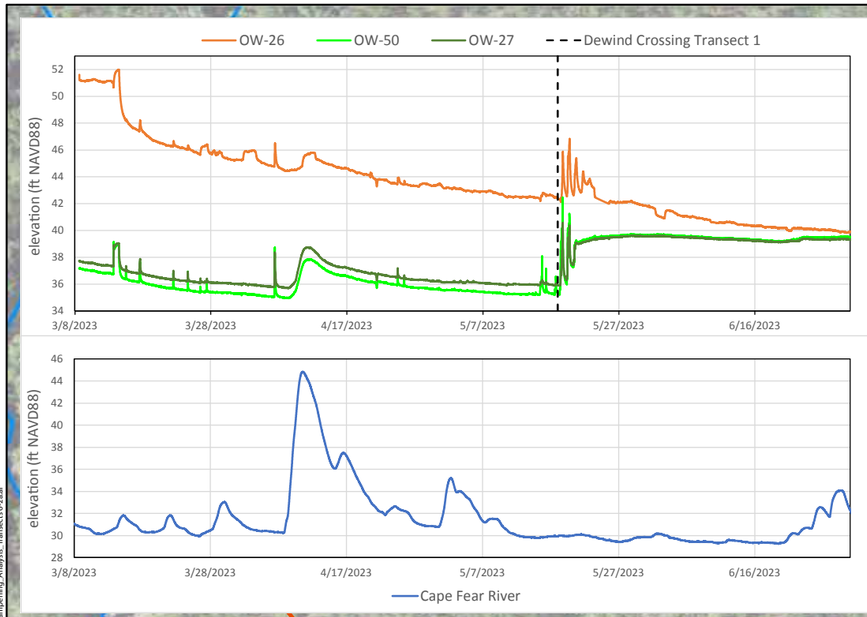
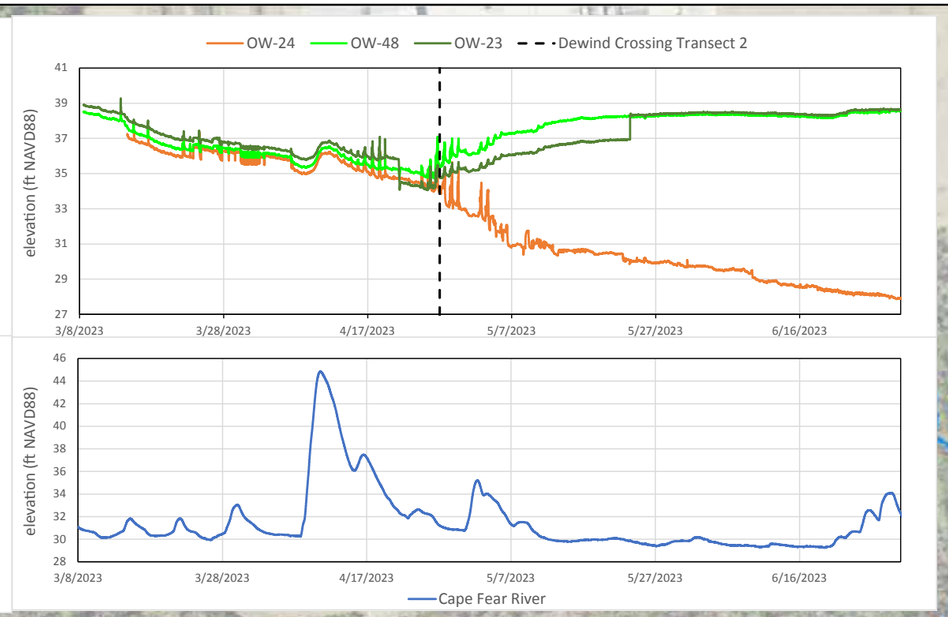
Figure **6-1C**

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

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 Groundwater Gradient Transects.mxd Last Revised: 9/27/2023 Author: Tlp "P:\PRJ\Projects\TR0795\Database and GIS\Illustrator\Transects Datatoxse\Fig-1c TR0795 Groundwater Gradient Transects.ai"





Legend

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

Notes:
1. Some observation 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.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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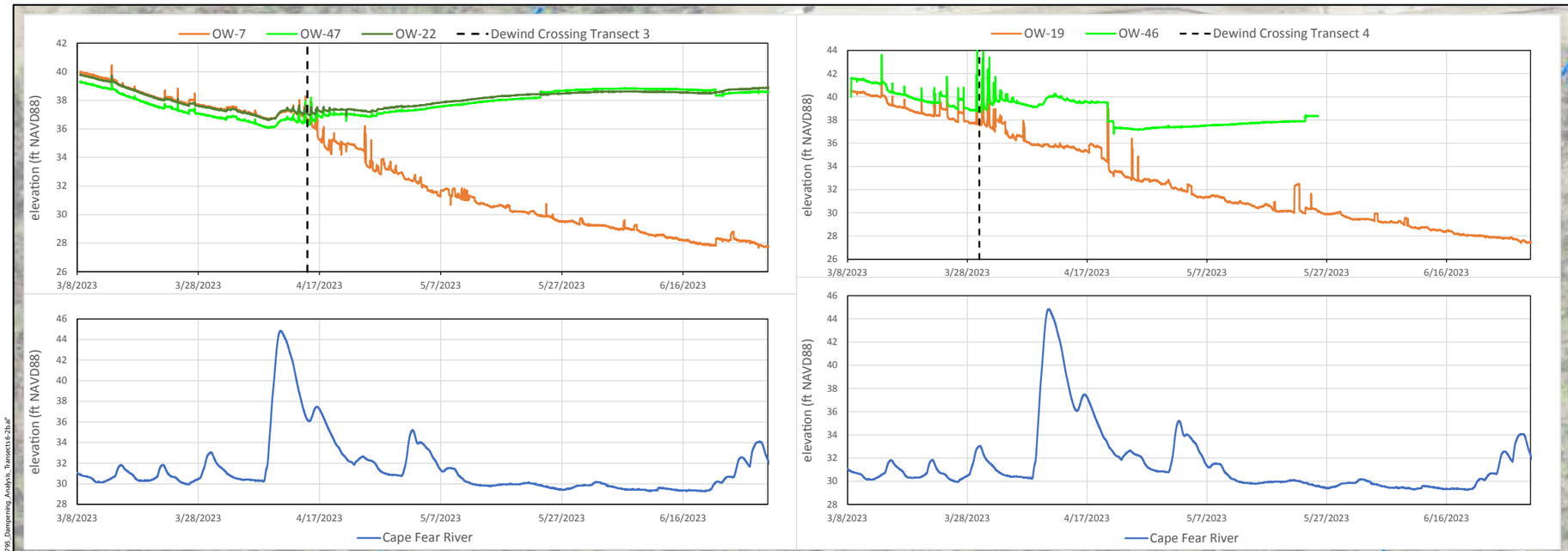
Figure **6-2A**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMTR0795_Dampening_Analysis_Transects.mxd Last Revised: 8/28/2023 Author: JKasunic *P:\PRJ\Projects\TR0795\Database and GIS\Illustrator\Transects\Databoxes\TR0795_Dampening_Analysis_Transects6-2a.ai*

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



Legend

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

Notes:
1. Some observation 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.
4. The transducer at OW-46 would not connect to the reader upon retrieval in late May. A replacement was ordered and is planned to be installed in early July.

200 100 0 200 Feet

Southern Alignment - Dampening Analysis Transects

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Figure **6-2B**

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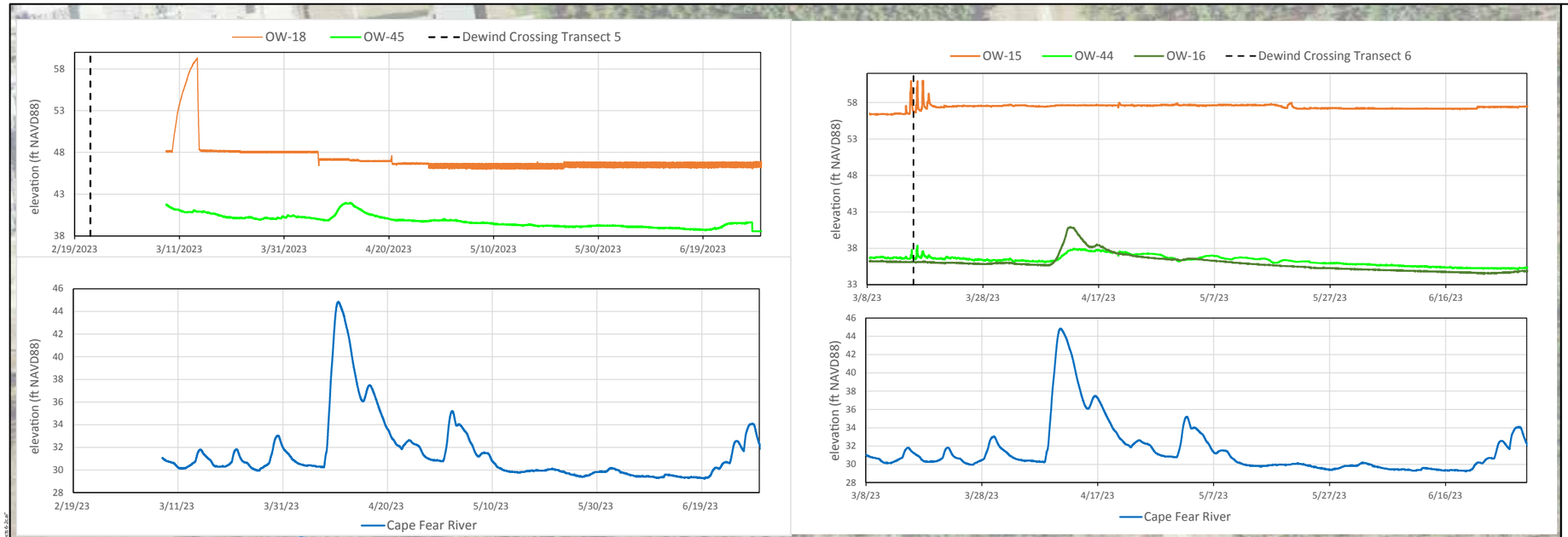
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Legend

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

Notes:
1. Some observation 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.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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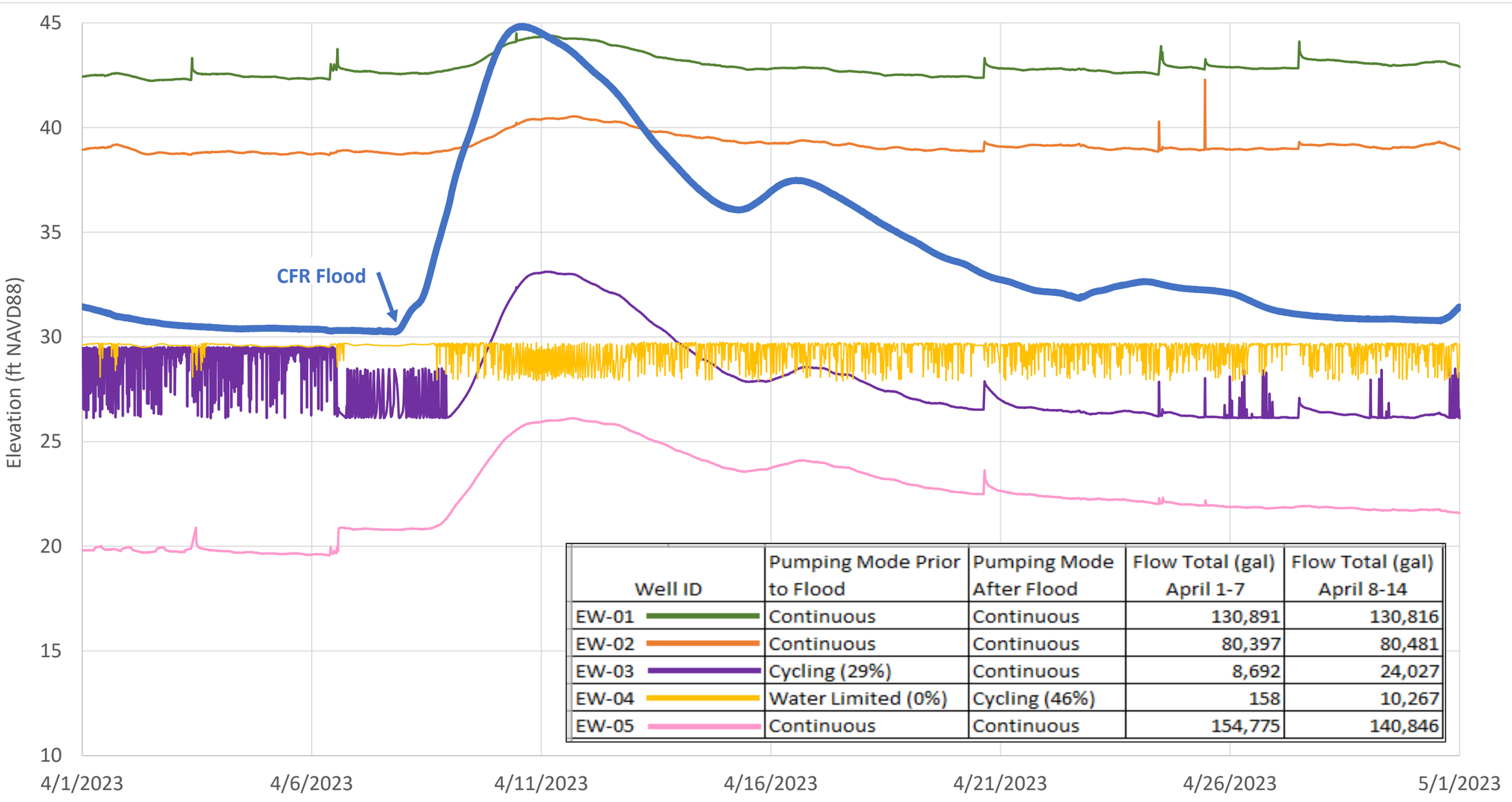
Figure **6-2C**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMTR0795 Dampening Analysis Transects.mxd Last Revised: 9/27/2023 Author: Tip

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



Well ID	Pumping Mode Prior to Flood	Pumping Mode After Flood	Flow Total (gal) April 1-7	Flow Total (gal) April 8-14
EW-01	Continuous	Continuous	130,891	130,816
EW-02	Continuous	Continuous	80,397	80,481
EW-03	Cycling (29%)	Continuous	8,692	24,027
EW-04	Water Limited (0%)	Cycling (46%)	158	10,267
EW-05	Continuous	Continuous	154,775	140,846

Notes:
River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.
EW level data from transducers deployed in each well, converted to NAVD88.
River and EW data both recorded at 15 minute frequency intervals.

Northern Alignment - EW Flood Response: EW-01 through EW-05
Chemours Fayetteville Works
Fayetteville, North Carolina

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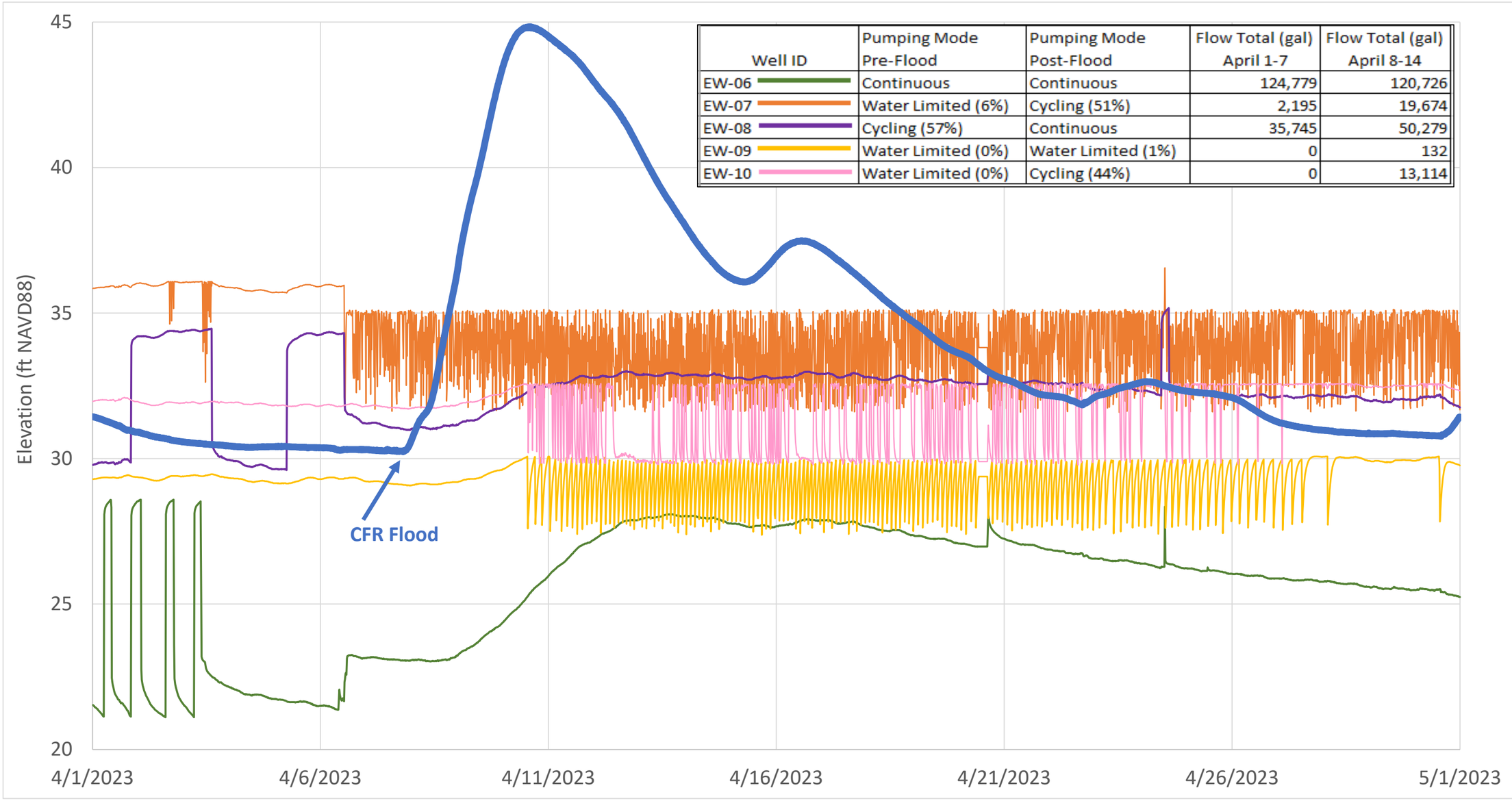
Figure 6-3A

Well ID	Pumping Mode Pre-Flood	Pumping Mode Post-Flood	Flow Total (gal) April 1-7	Flow Total (gal) April 8-14
EW-06	Continuous	Continuous	124,779	120,726
EW-07	Water Limited (6%)	Cycling (51%)	2,195	19,674
EW-08	Cycling (57%)	Continuous	35,745	50,279
EW-09	Water Limited (0%)	Water Limited (1%)	0	132
EW-10	Water Limited (0%)	Cycling (44%)	0	13,114



Notes:
River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.
EW level data from transducers deployed in each well.
River and EW data both recorded at 15 minute frequency intervals.

Northern Alignment - EW Flood Response: EW-06 through EW-10
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants
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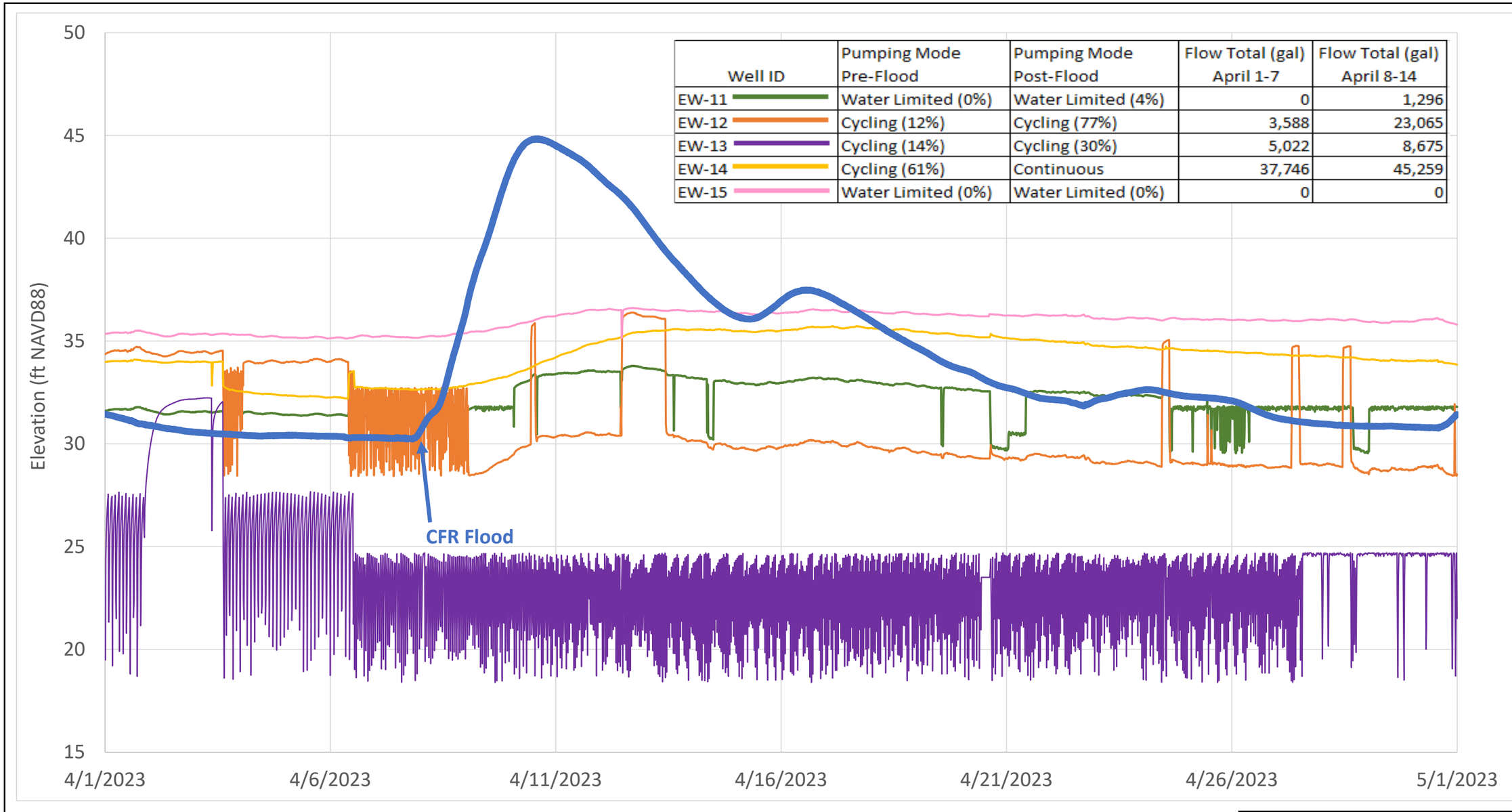
Figure 6-3B



Notes:
River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.
EW level data from transducers deployed in each well.
River and EW data both recorded at 15 minute frequency intervals.

Northern Alignment - EW Flood Response: EW-11 through EW-15
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Fayetteville, North Carolina

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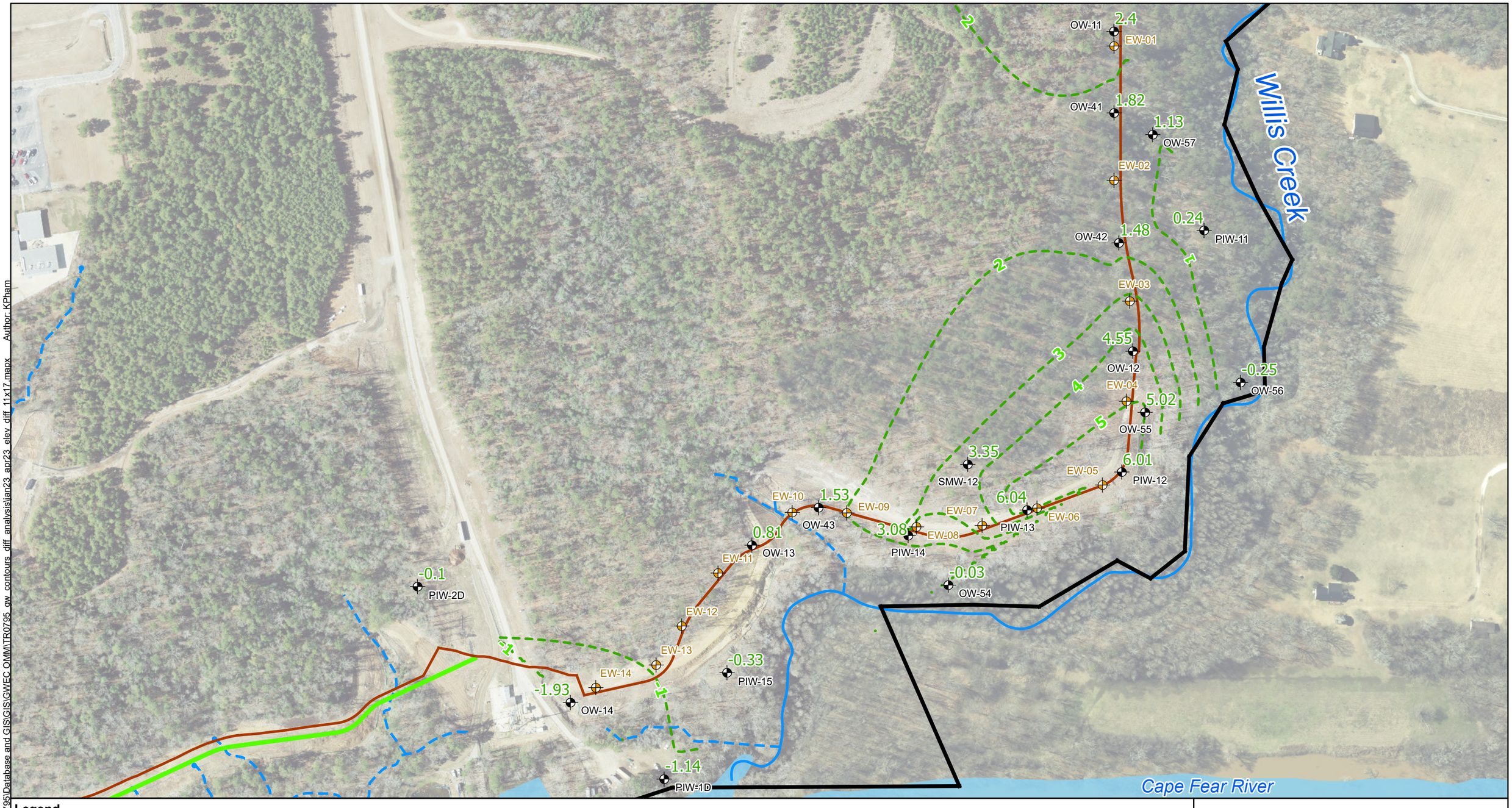
Figure 6-3C



Legend

- Black Creek Aquifer
- Extraction Well
- Difference Contours
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

N

0 200 Feet

Northern Alignment
January 2023 - April 2023 Elevation Difference

Chemours Fayetteville Works, North Carolina

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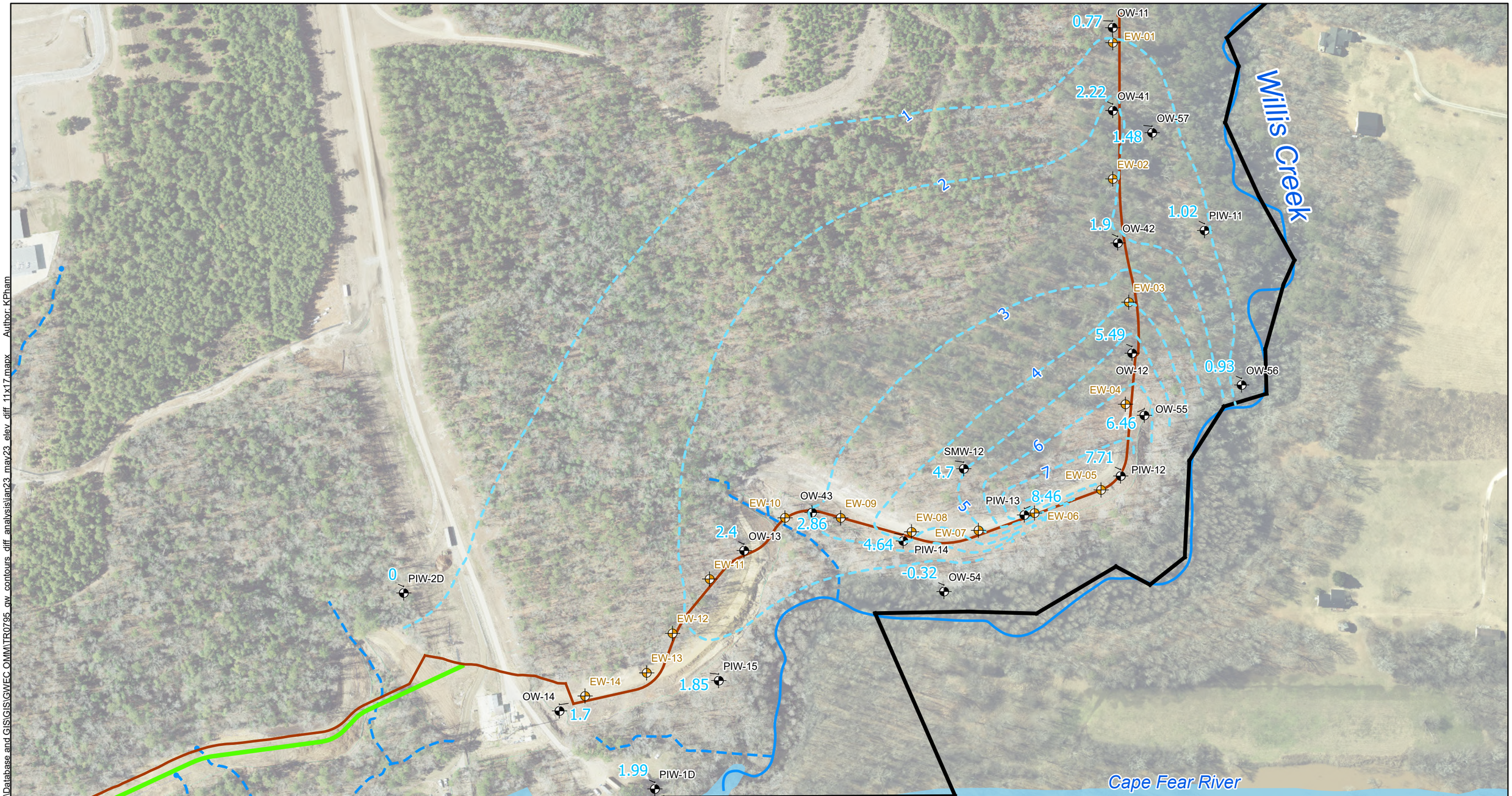
Raleigh, NC | September 2023

Figure 6-4A

\\ealph-01\data\PRJProjects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_gw_contours_diff_analysisJan23_apr23_elev_diff_11x17.mapx Author: KPham



Legend

- Black Creek Aquifer
- Extraction Well
- Difference Contours
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

N

0 200 Feet

Northern Alignment
January 2023 - May 2023 Elevation Difference

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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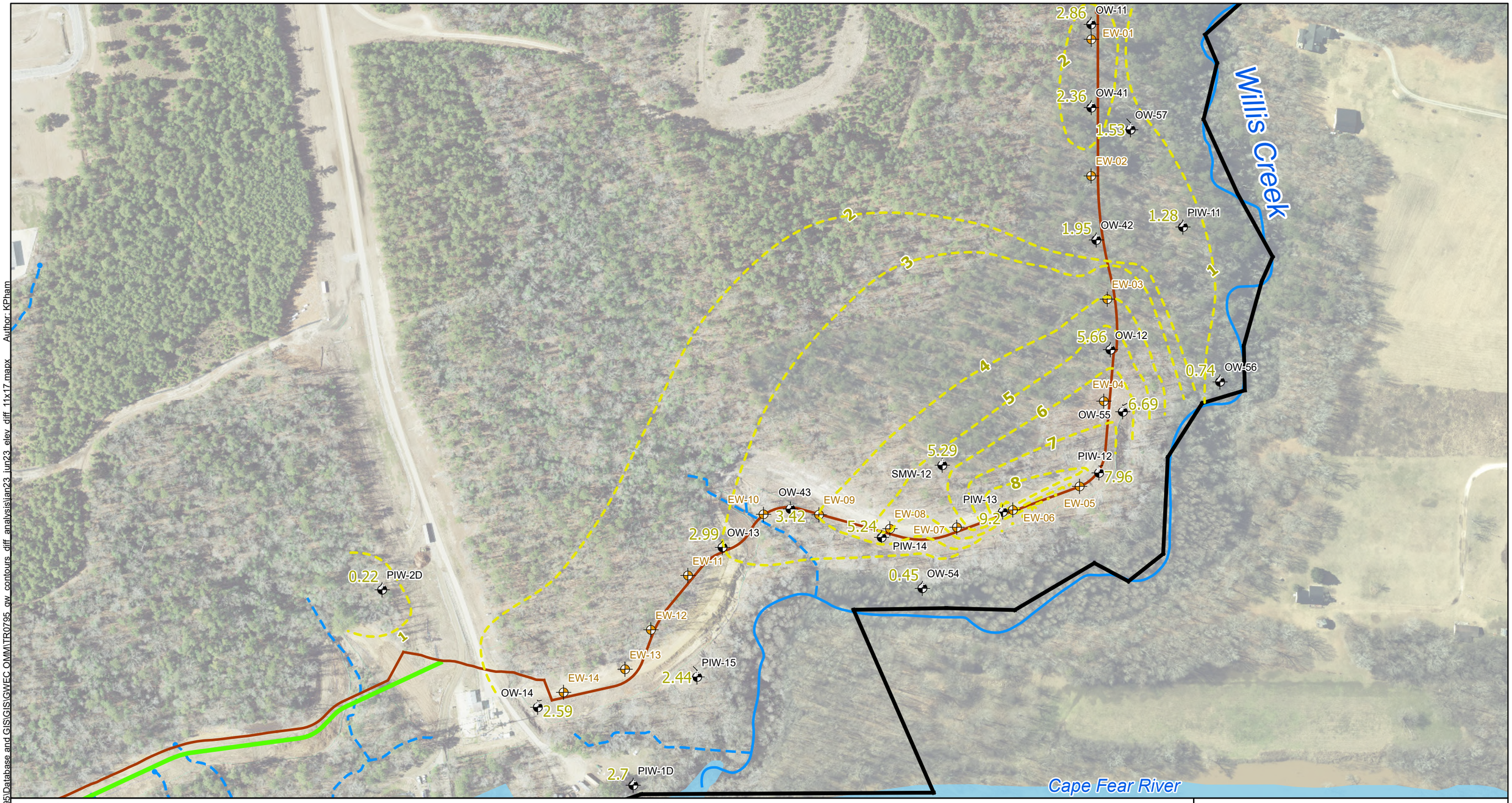
Raleigh, NC | September 2023

Figure 6-4B

\\ouelph-01\data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_gw_contours_diff_analysis\jan23_may23_elev_diff_11x17.mapx Author: KPham



\\ueiph-01\data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMITR0795_ow_contours_diff_analysisjan23_jun23_elev_diff_11x17.mapx Author: KPham

Legend

- Black Creek Aquifer
- Extraction Well
- Difference Contours
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes

OW-54 was dry in June 2023. Bottom of screen elevation was used to calculate elevation difference.

N

0 200 Feet

Northern Alignment
January 2023 - June 2023 Elevation Difference

Chemours Fayetteville Works, North Carolina

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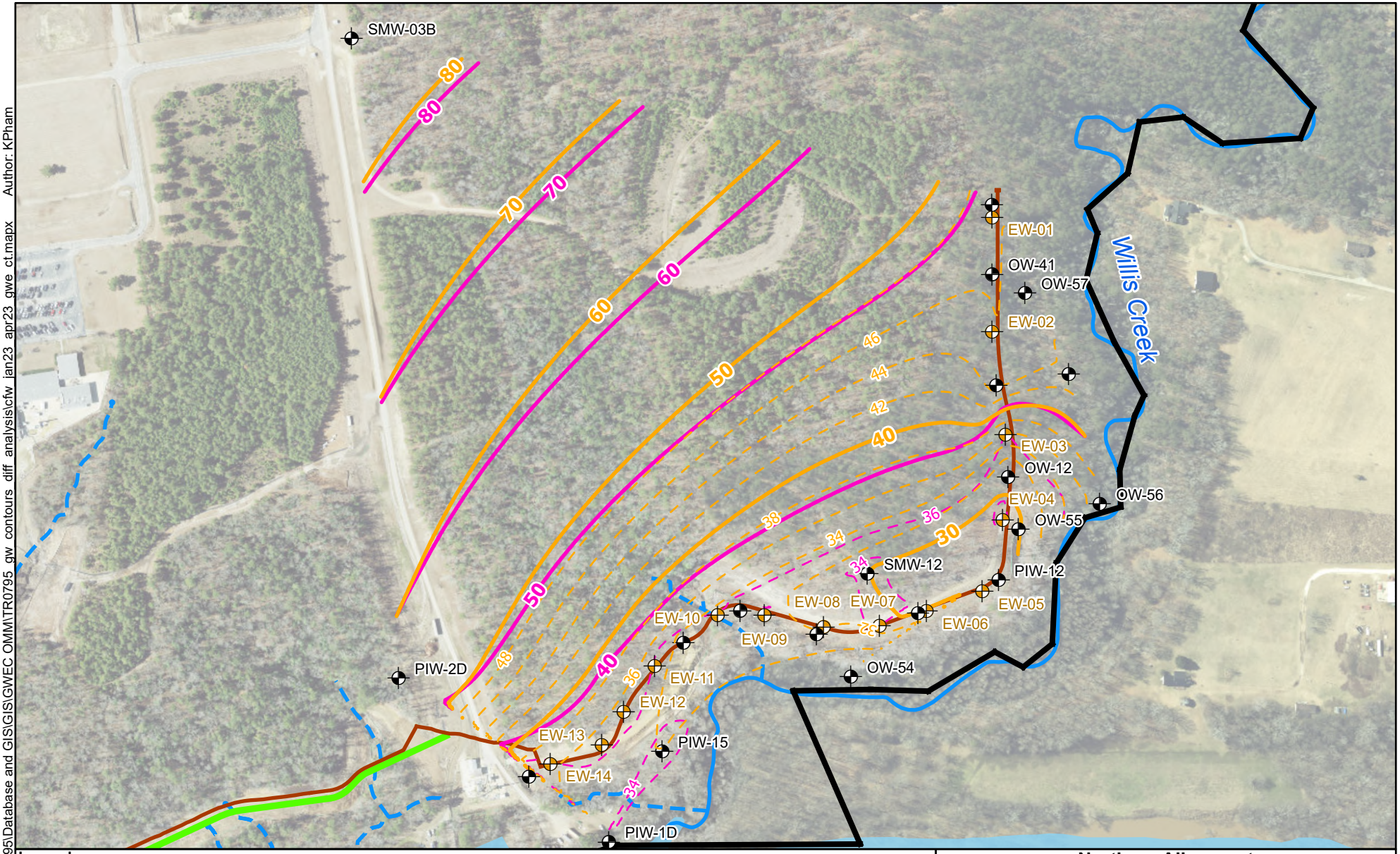
Figure 6-4C



Legend

- Black Creek Aquifer
- Extraction Well
- 2-ft April 2023 GW Elevations
- April 2023 GW Elevations
- 2-ft January 2023 GW Elevations
- 10-ft January 2023 GW Elevations
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

N

0 280 Feet

Northern Alignment Potentiometric Map January 2023 vs April 2023

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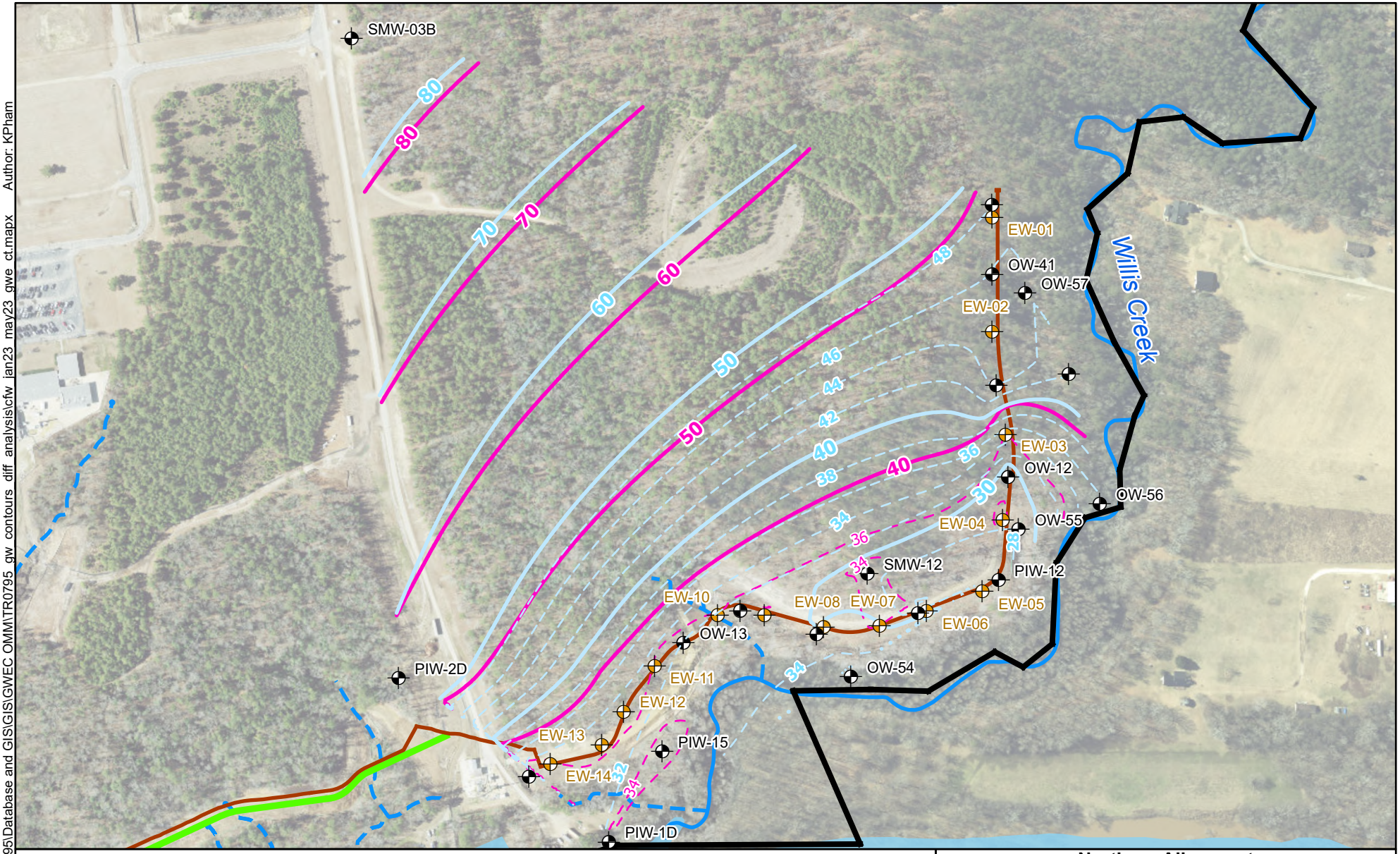
Figure 6-5A

\\guelph-01\data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_gw_contours_diff_analysis\cfw_jan23_apr23_gwe_ct.mapx Author: KPham



Legend

- Black Creek Aquifer
- Extraction Well
- 2-ft May 2023 GW Elevations
- 10-ft May 2023 GW Elevations
- 2-ft January 2023 GW Elevations
- 10-ft January 2023 GW Elevations
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

N

0 280 Feet

Northern Alignment
Potentiometric Map
January 2023 vs May 2023
Chemours Fayetteville Works, North Carolina

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

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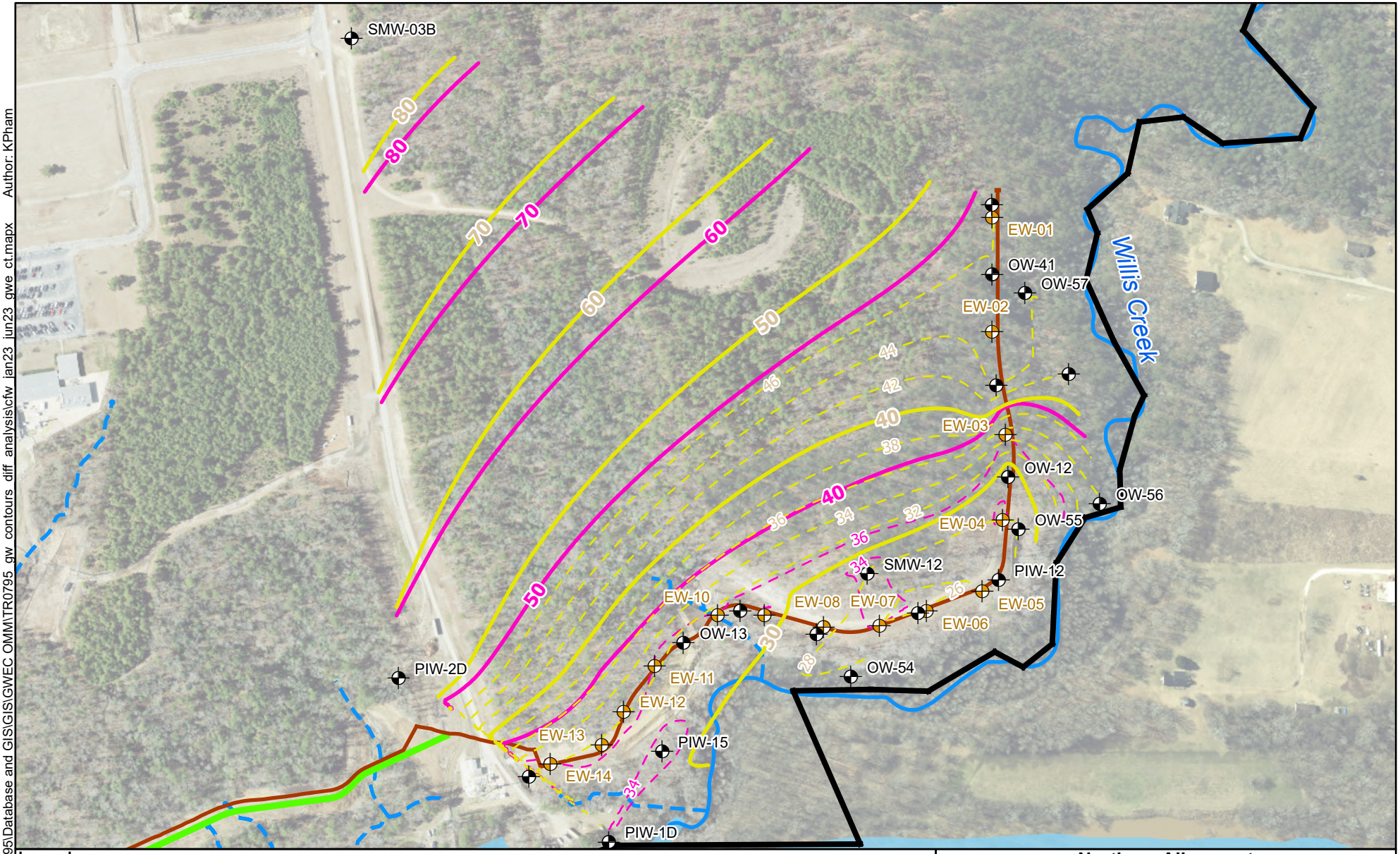
Figure
6-5B

\\guelph-01\data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_gw_contours_diff_analysis\cfw_jan23_may23_gwe_ct.mapx Author: KPham



Legend

- Black Creek Aquifer
- Extraction Well
- 2-ft June 2023 GW Elevations
- 10-ft June 2023 GW Elevations
- 2-ft January 2023 GW Elevations
- 10-ft January 2023 GW Elevations
- Forcemain
- Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

N

0 280 Feet

Northern Alignment Potentiometric Map January 2023 vs June 2023

Chemours Fayetteville Works, North Carolina

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Raleigh, NC | September 2023

Figure 6-5C

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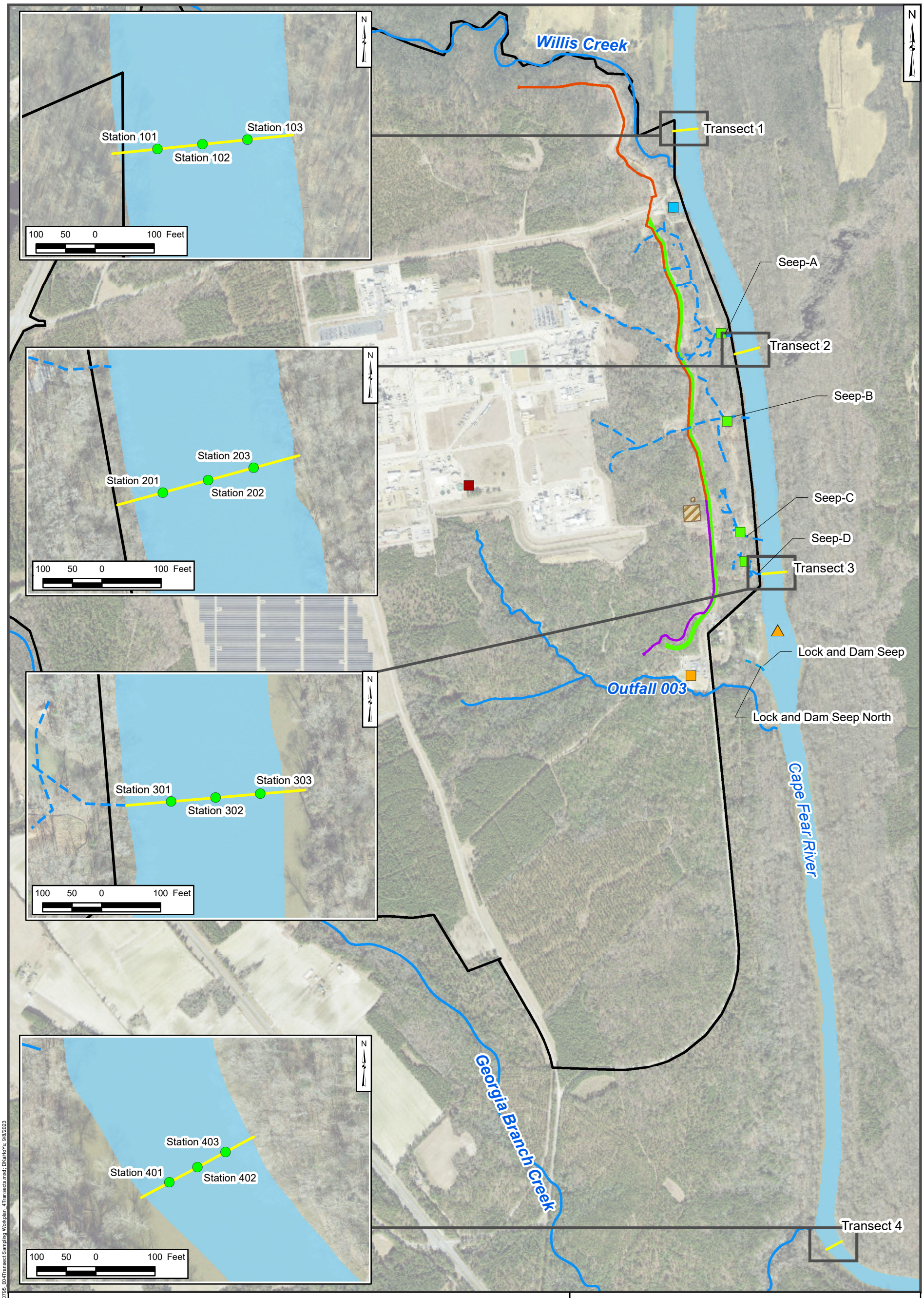

Legend

- Site River Water Intake Location
- W.O. Huske Dam
- Flow Through Cell
- Outfall 003 Treatment System
- Station Sampling Location
- Transect Sampling Location
- Nearby Tributary
- Observed Seep
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall
- 004 Groundwater Treatment Pad and Break Tank

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

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

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan\TR0795_004Transect Sampling Workplan_4Transects.mxd; DKaHoVu; 9/8/2023

Cape Fear River Transect Sampling Locations

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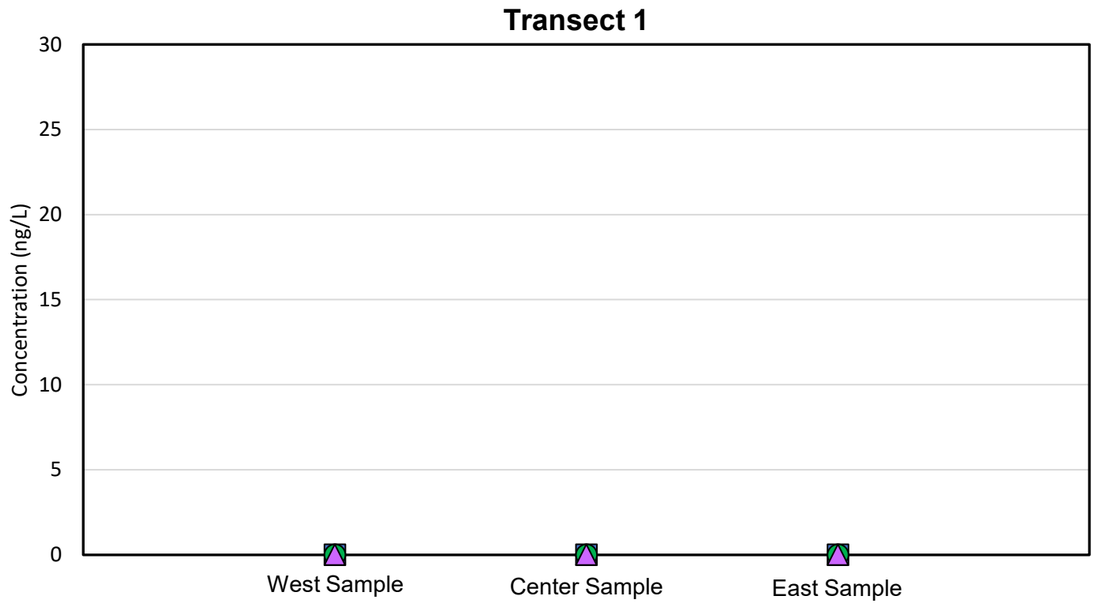
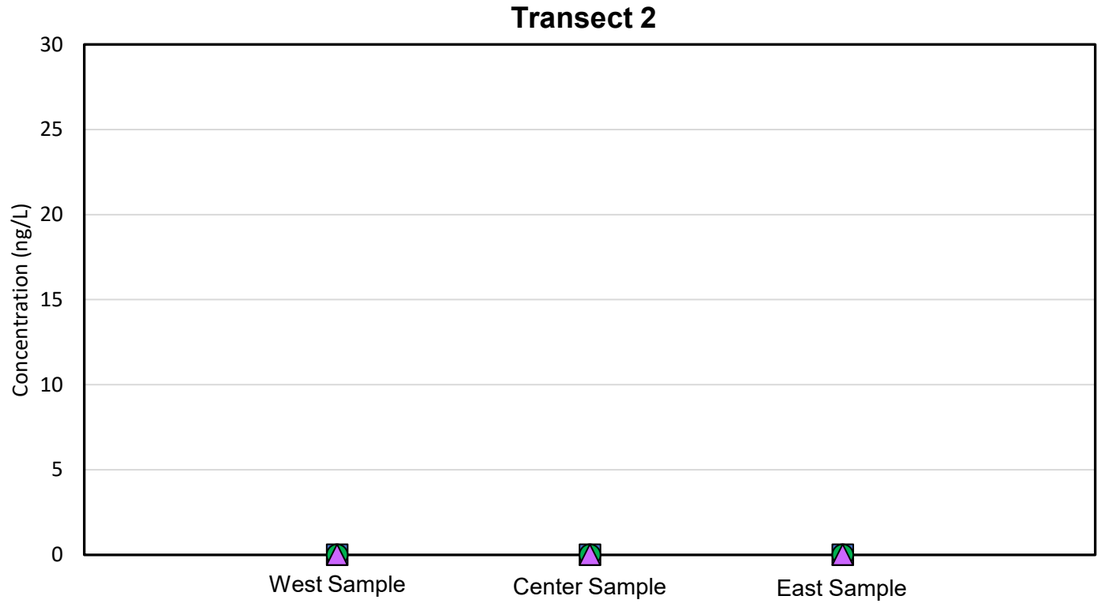
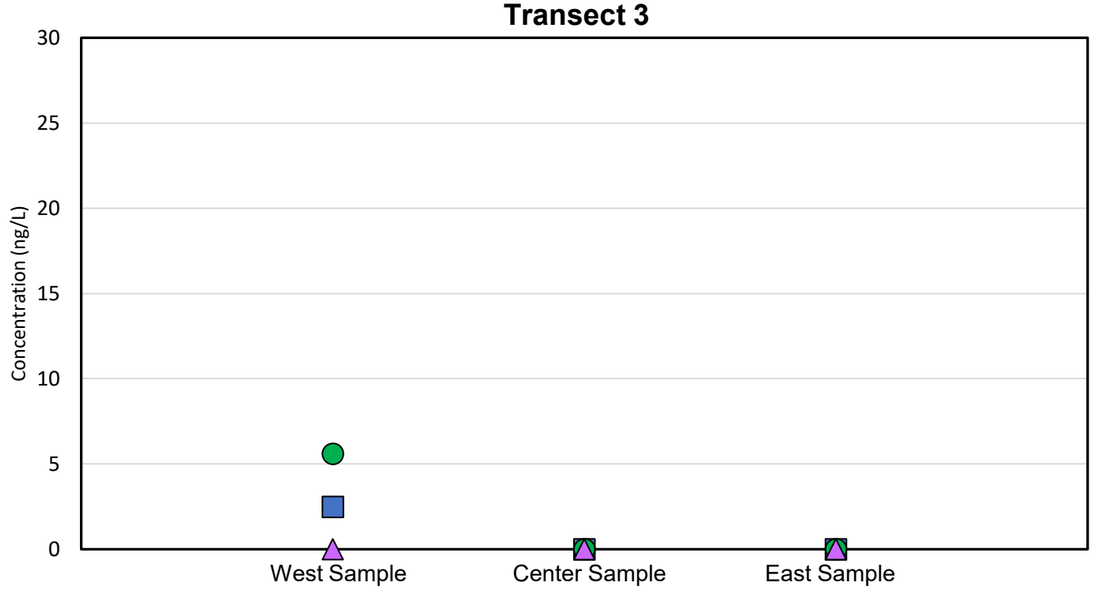
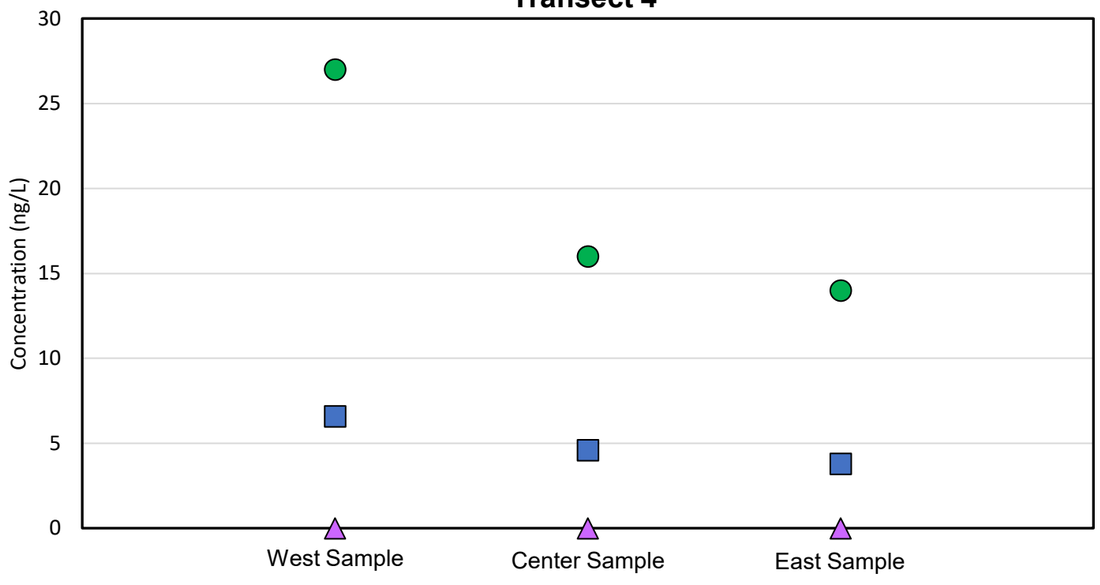
Figure 6-6







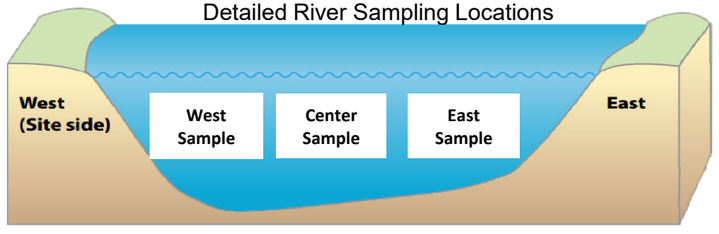


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (November 2022)

Chemours Fayetteville Works, North Carolina

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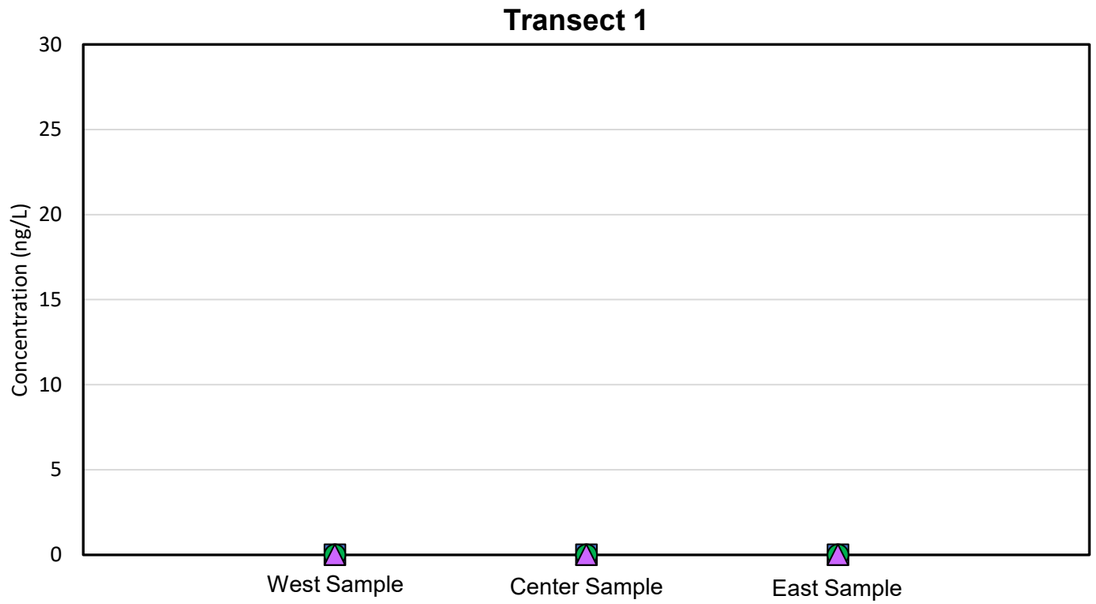
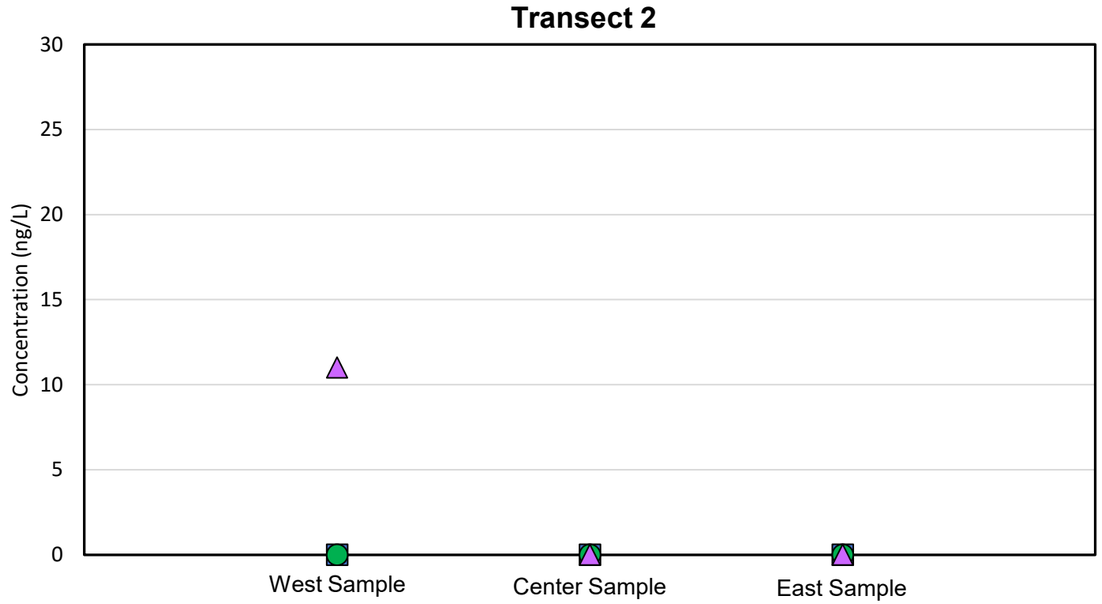
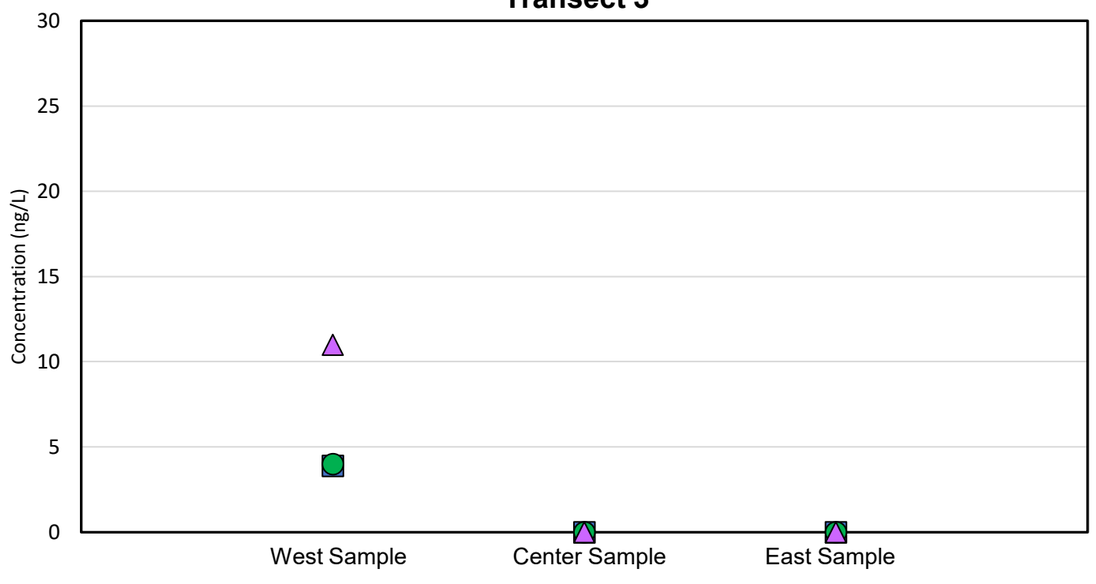
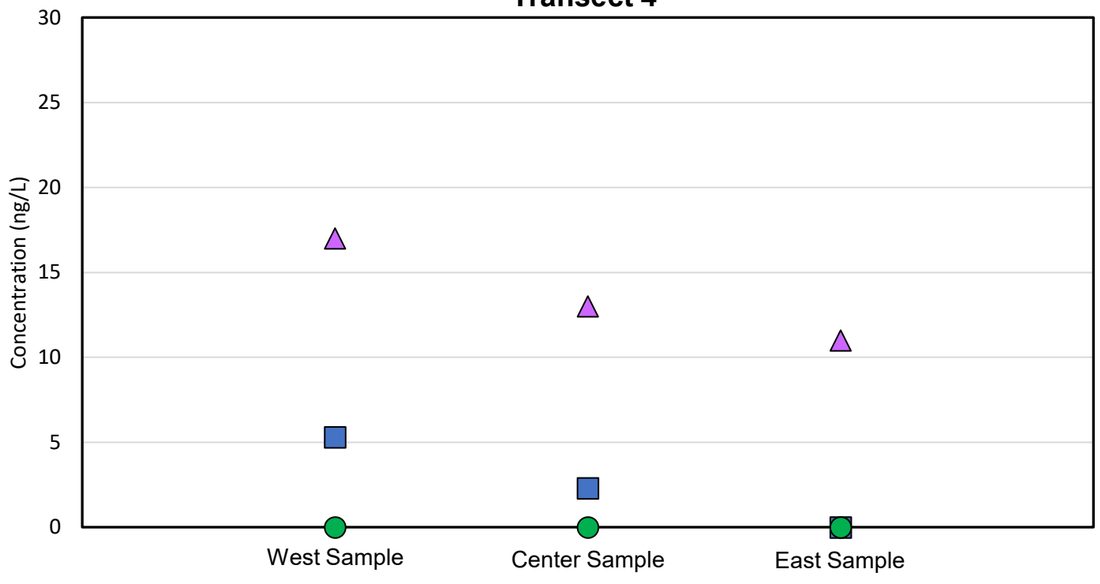
Raleigh | September 2023

Figure
6-7A







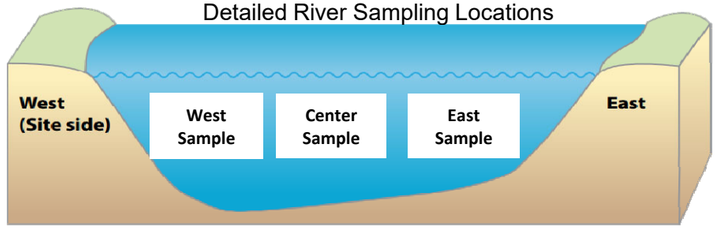


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (December 2022)

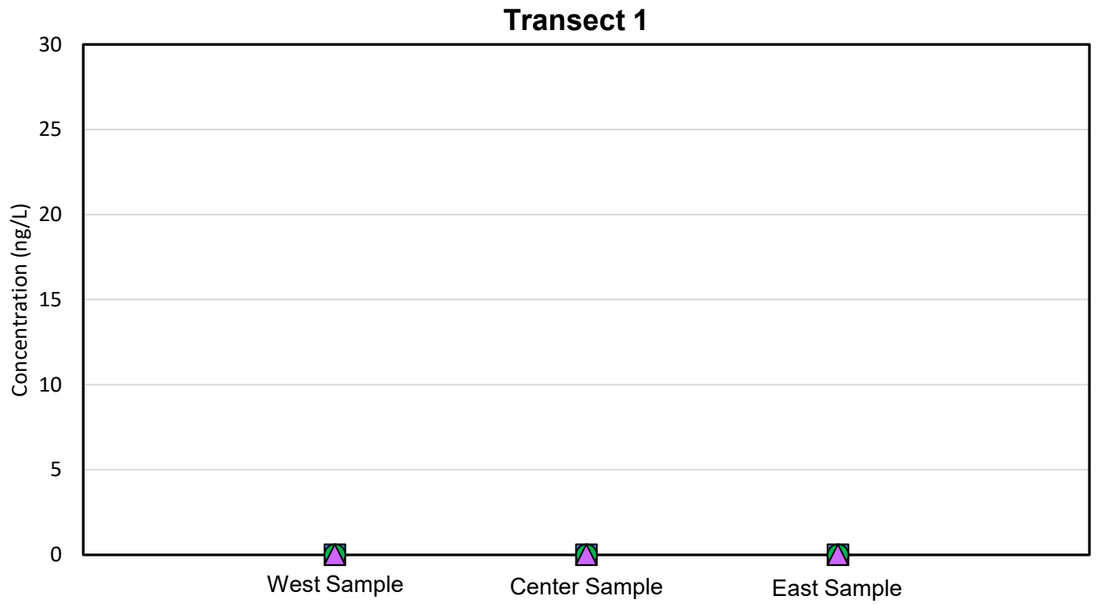
Chemours Fayetteville Works, North Carolina

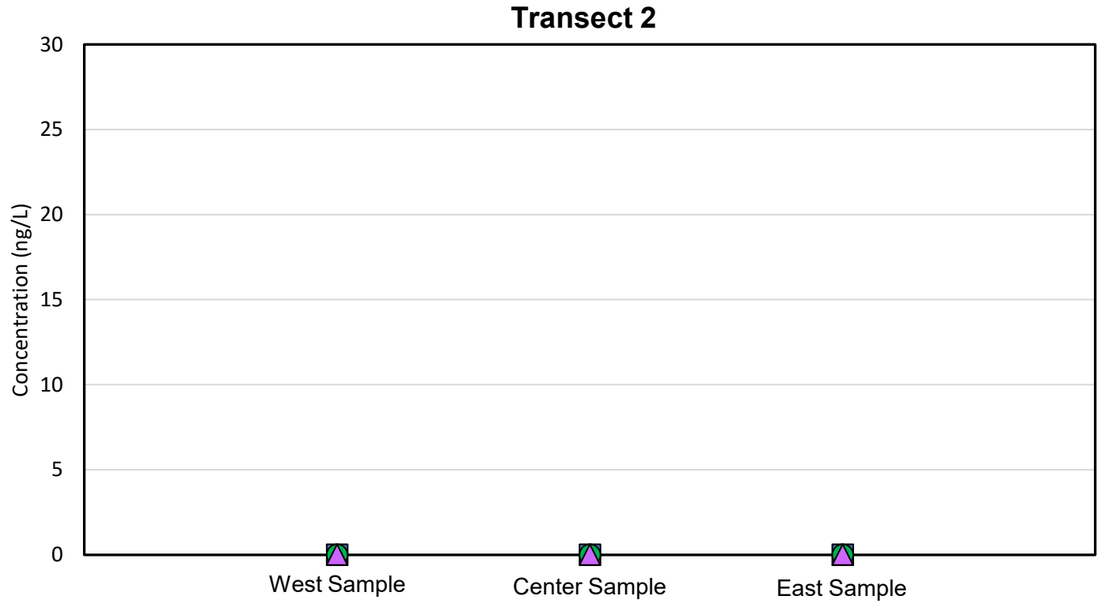
Geosyntec consultants

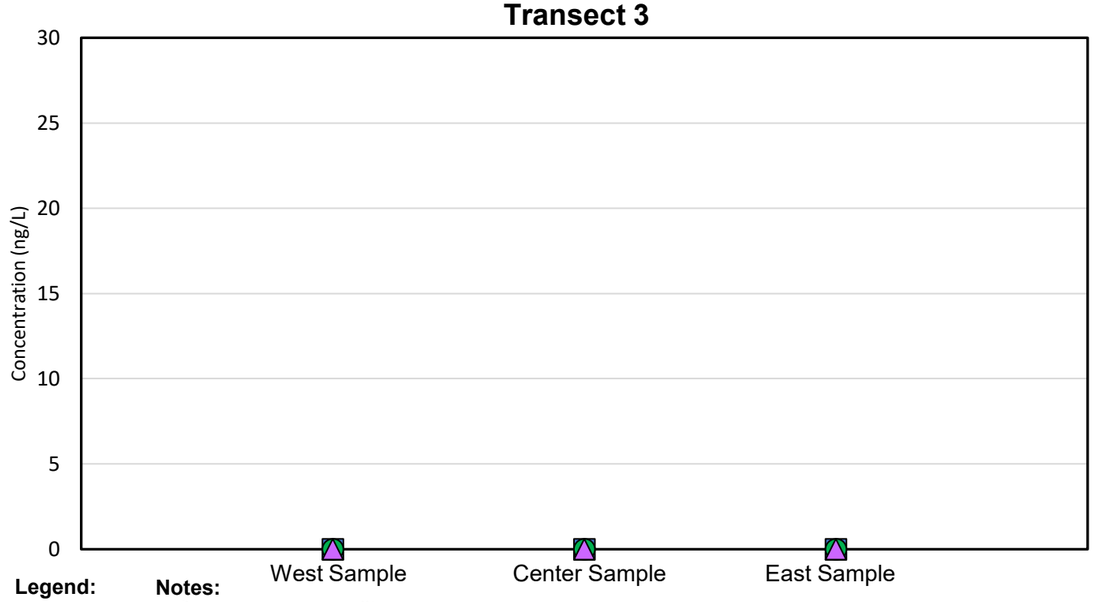
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

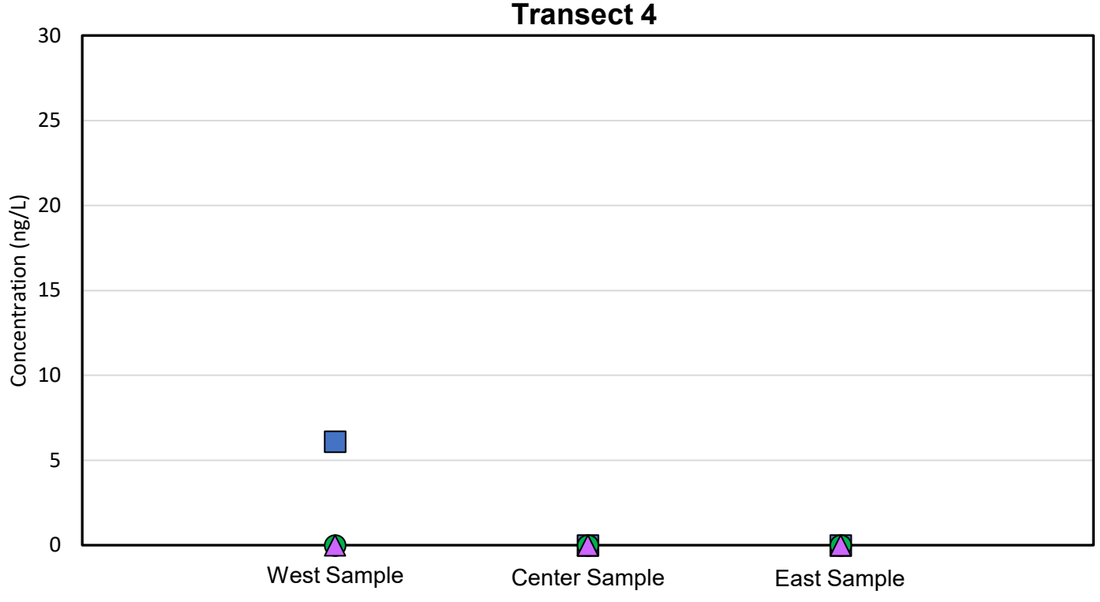
Raleigh | September 2023

Figure
6-7B



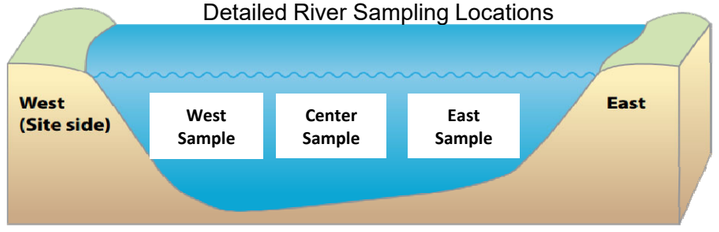






Legend:
- HFPO-DA
- PFMOAA
- PMPA[3]

Notes:
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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 5 ng/L; and PMPA: 10 ng/L.
3. 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.



Indicator PFAS Concentrations Across River Transects (January 2023)

Chemours Fayetteville Works, North Carolina

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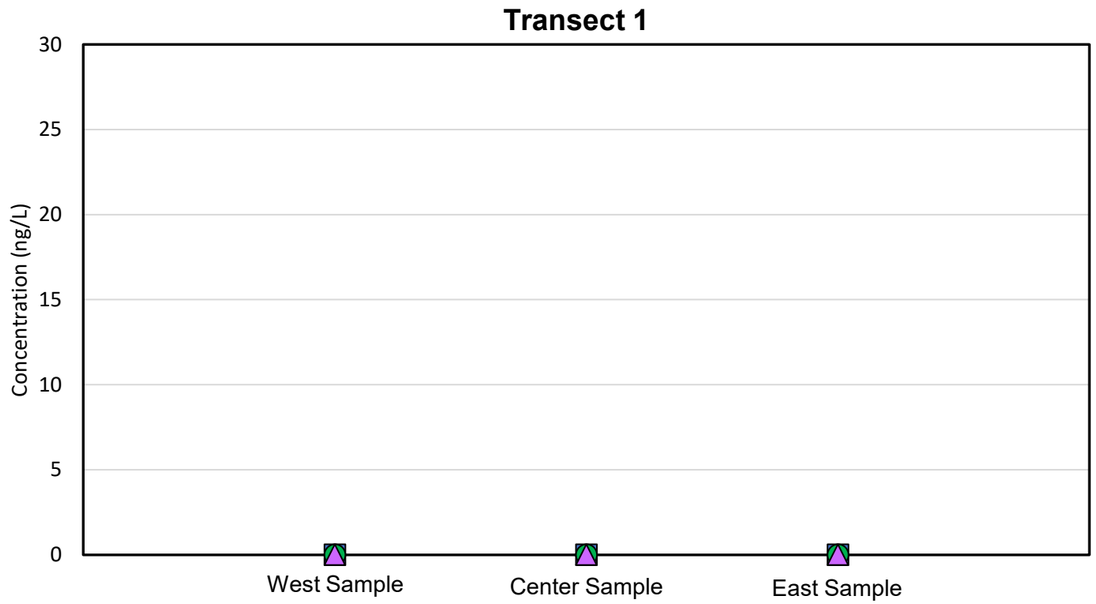
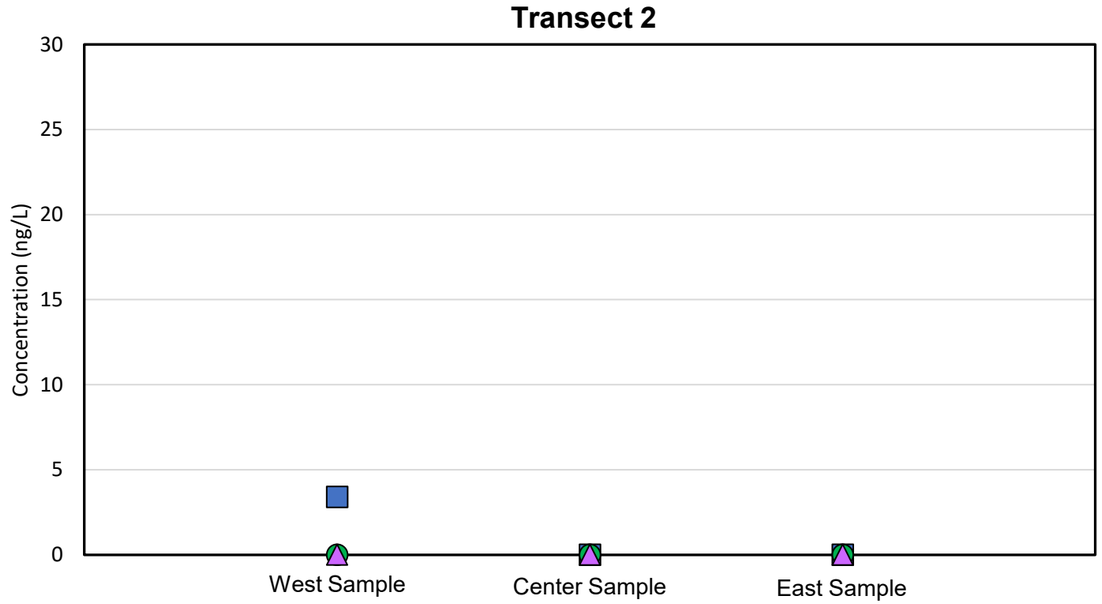
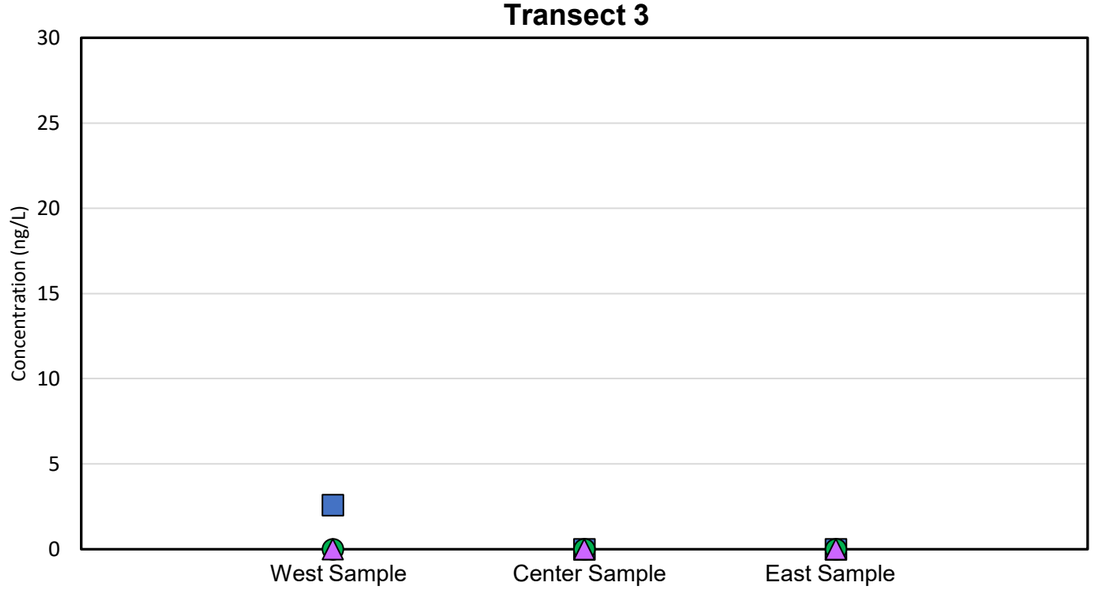
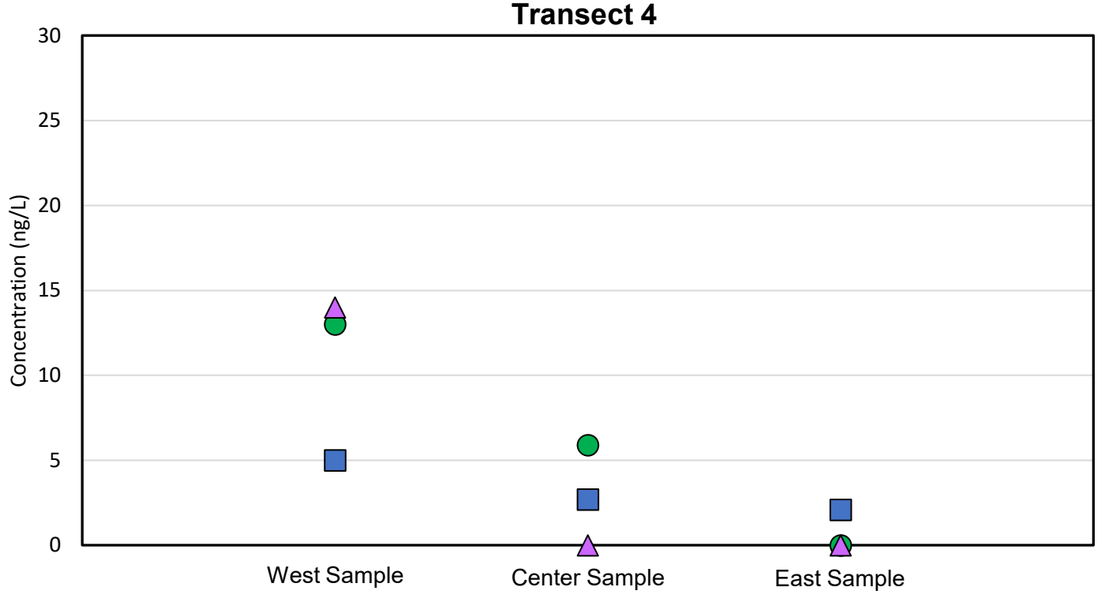
Raleigh | September 2023

Figure
6-7C







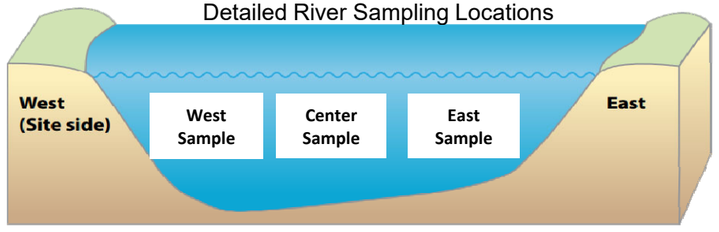


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (February 2023)

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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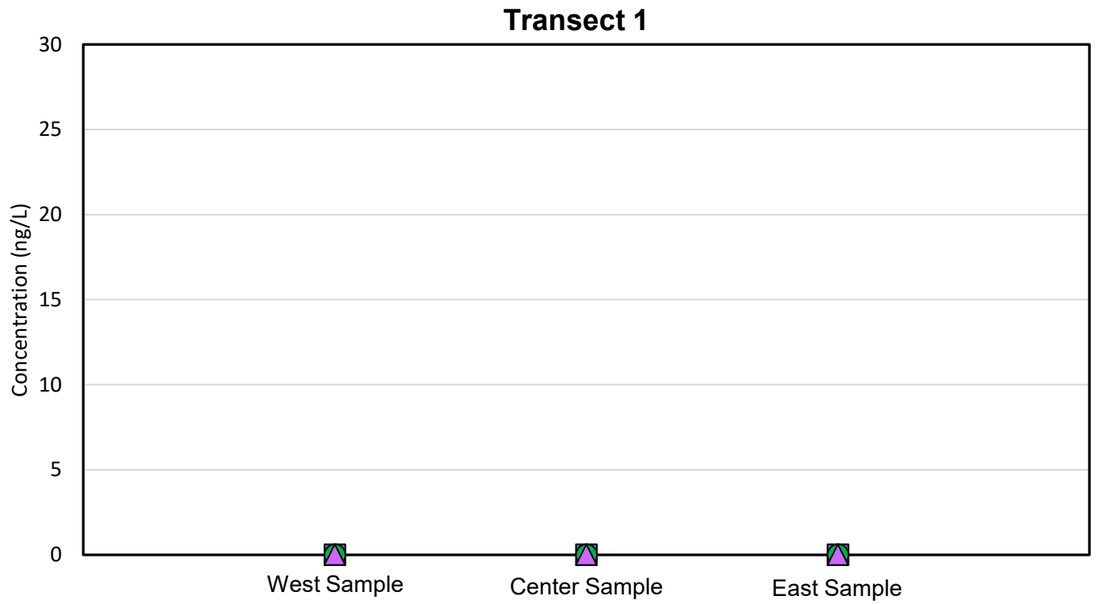
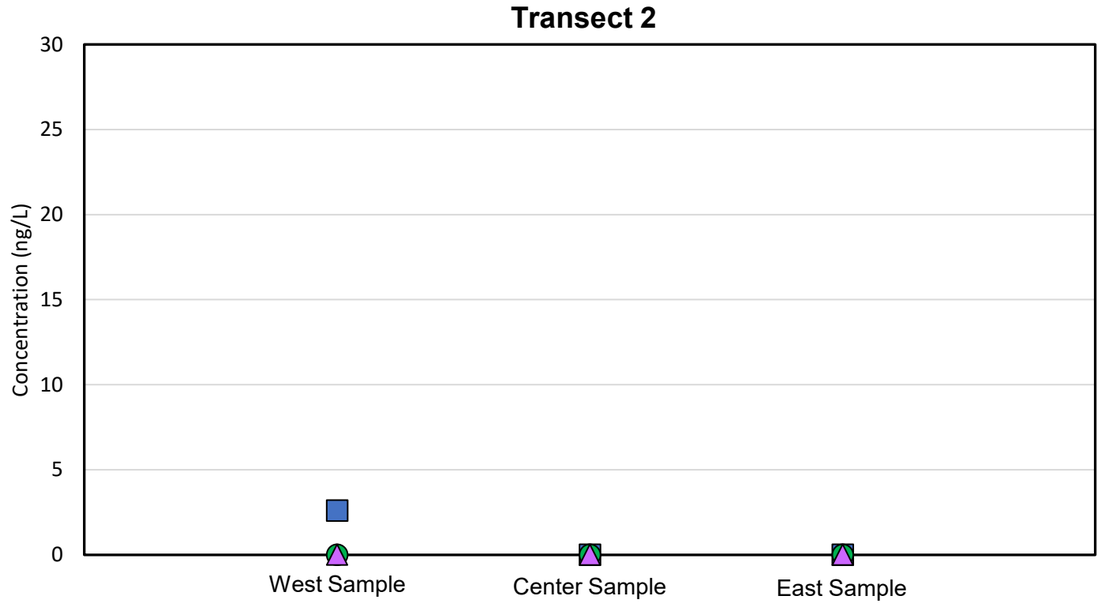
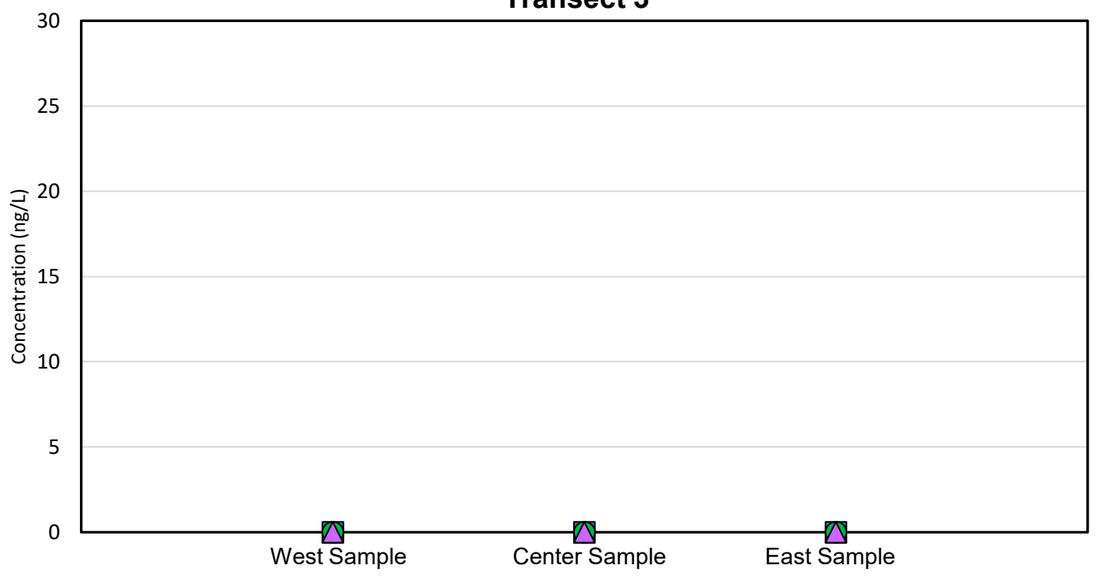
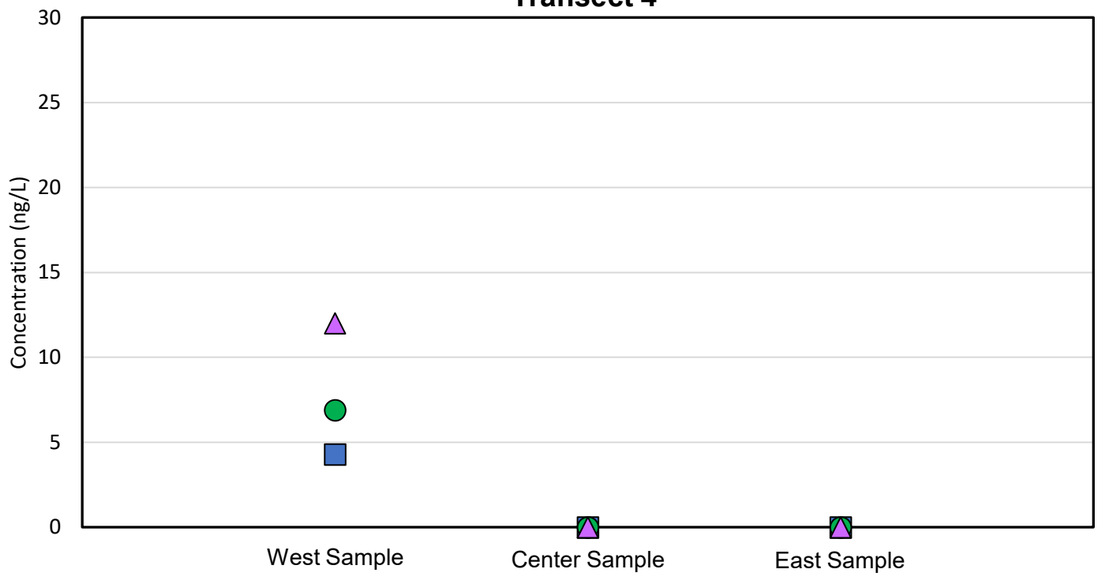
Raleigh | September 2023

Figure
6-7D







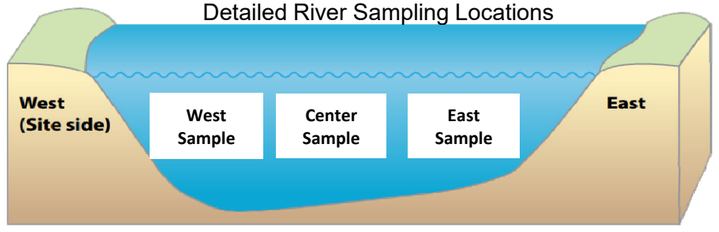


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (March 2023)

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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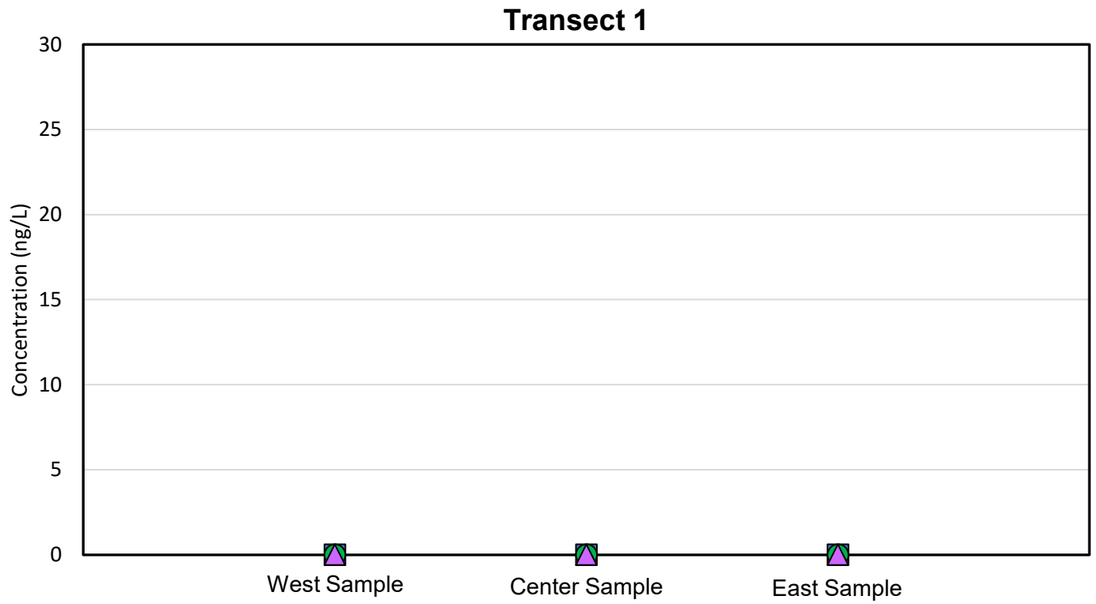
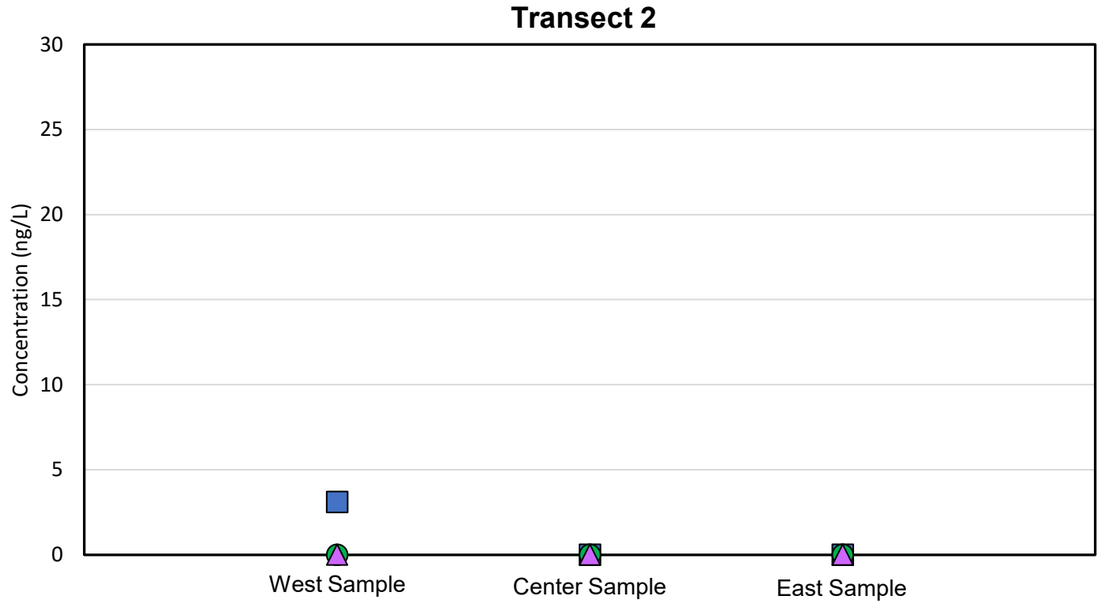
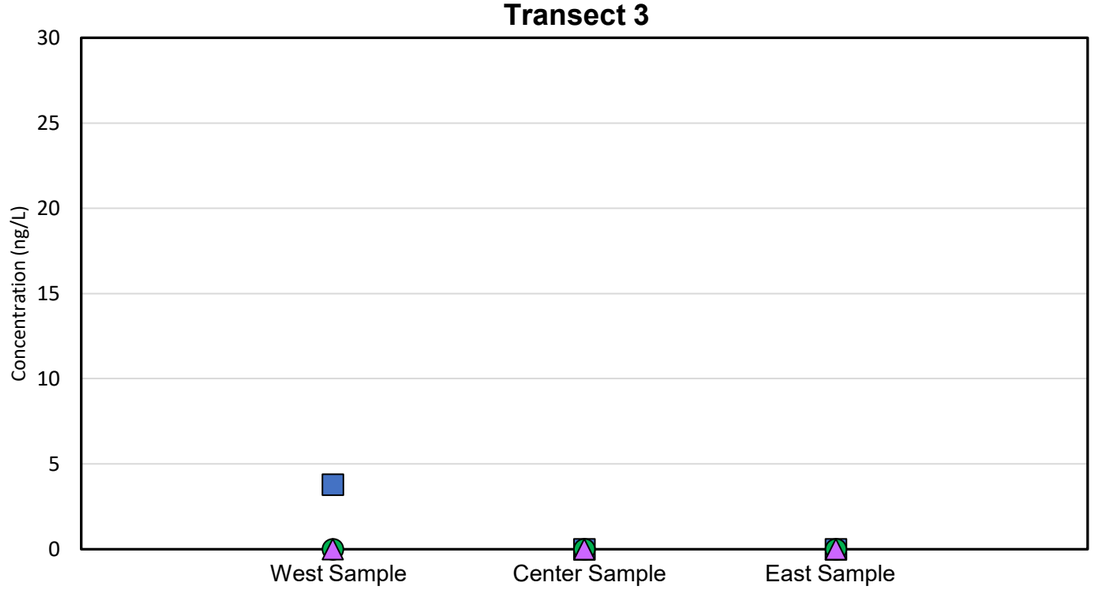
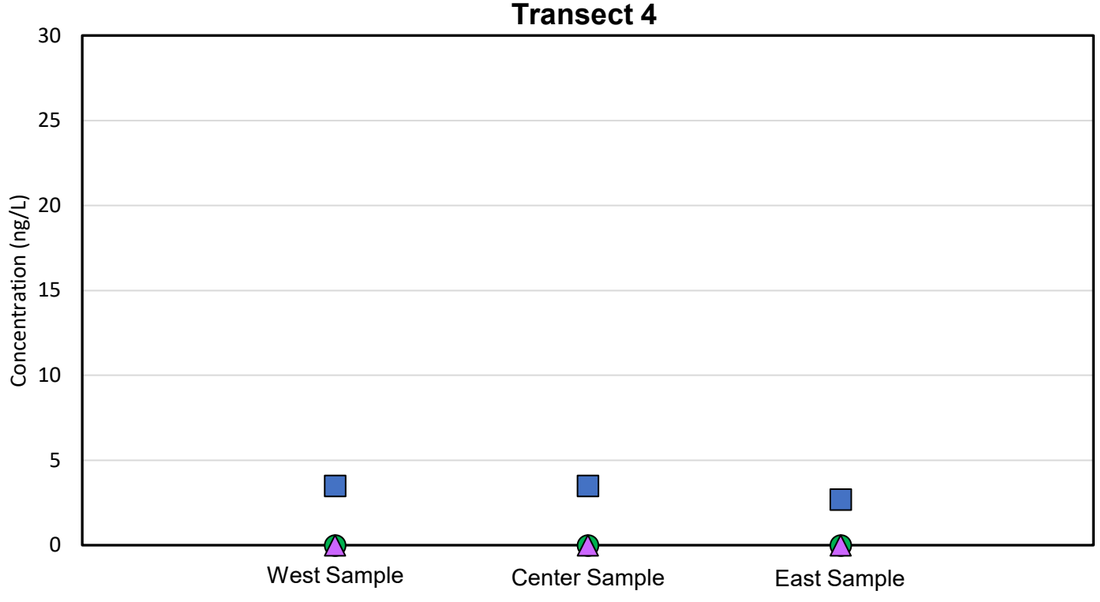
Raleigh | September 2023

Figure
6-7E







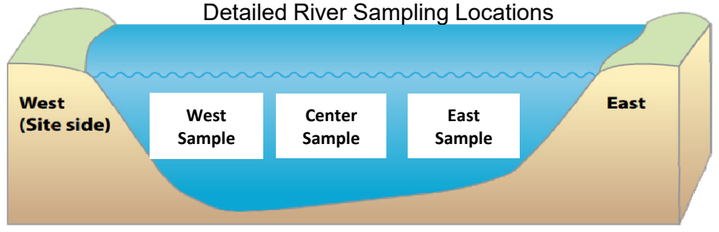


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (April 2023)

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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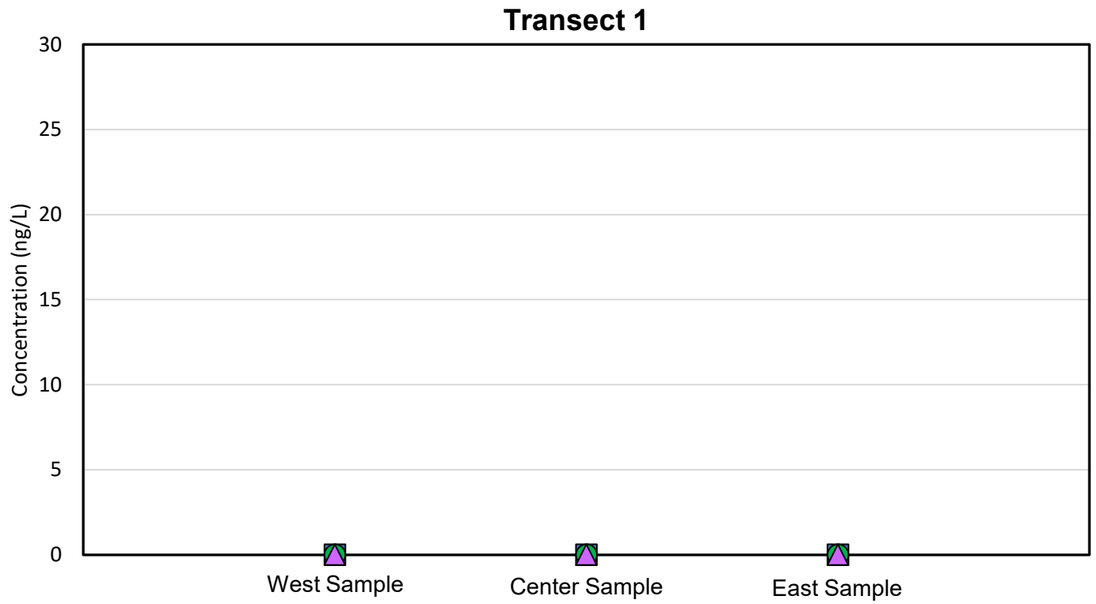
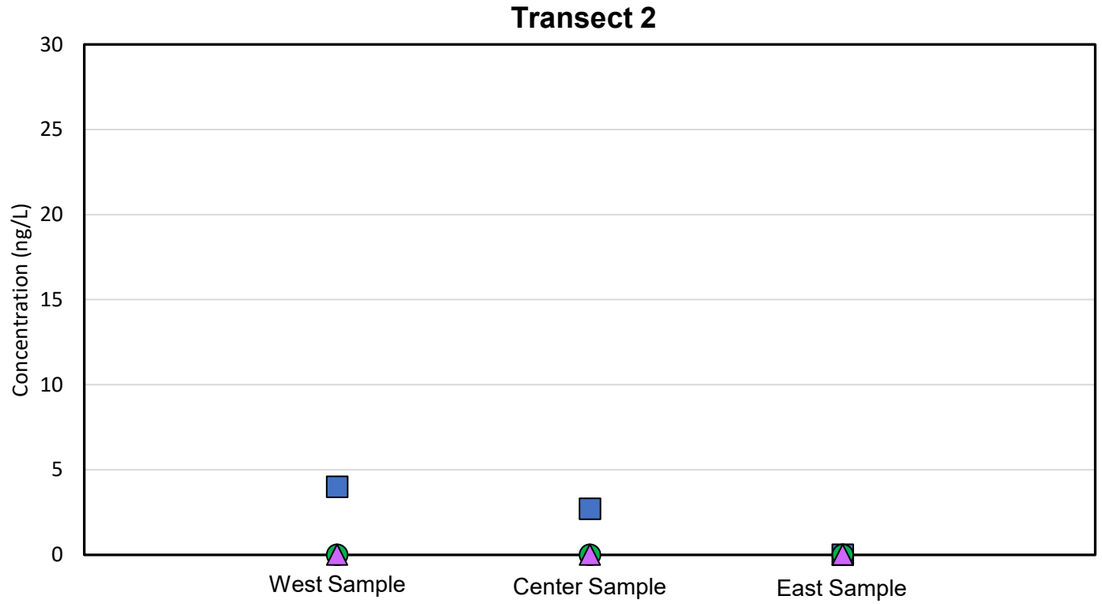
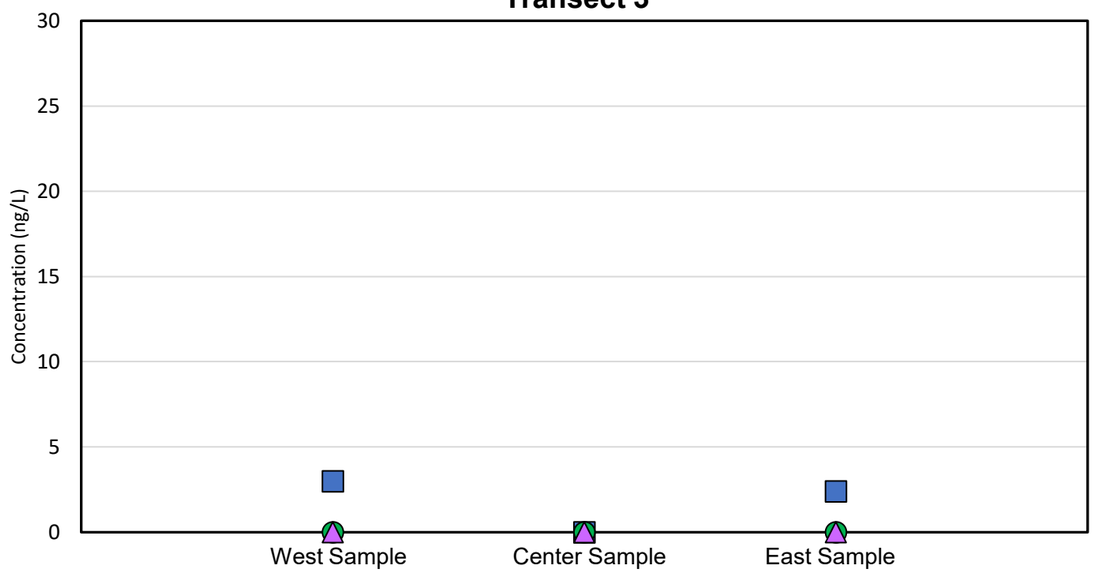
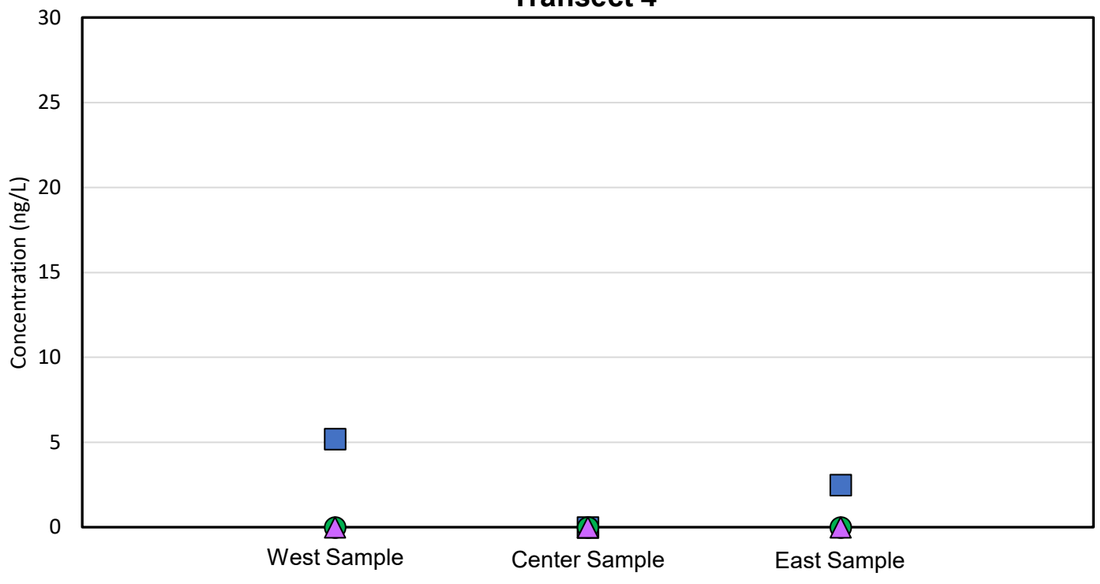
Raleigh | September 2023

Figure
6-7F







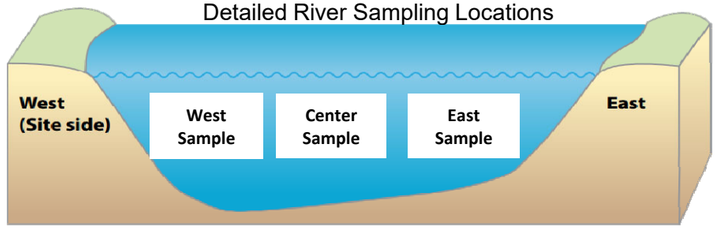


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across River Transects (May 2023)

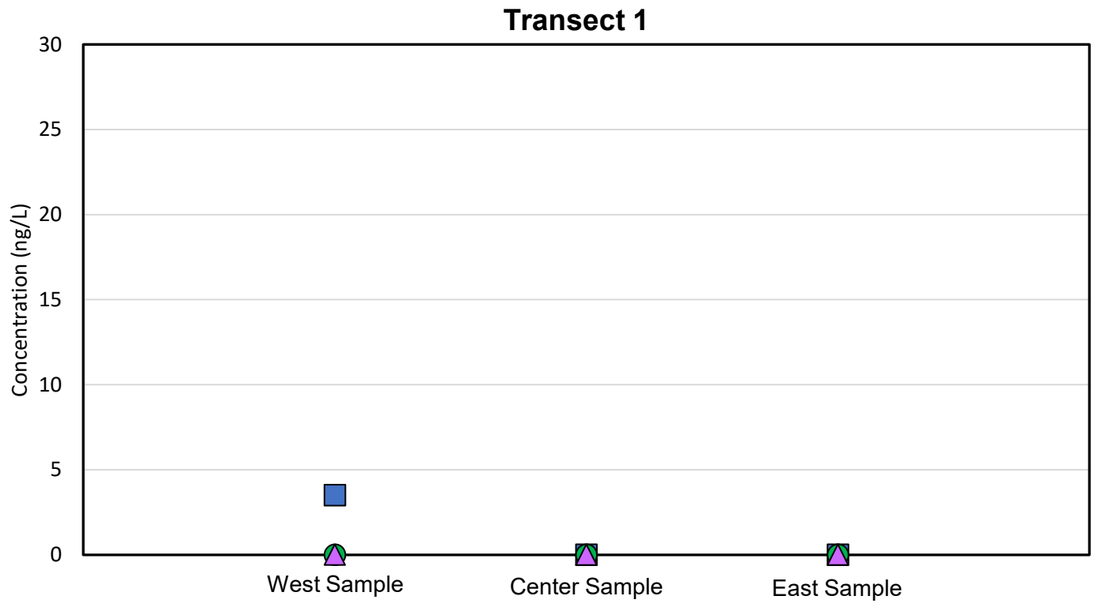
Chemours Fayetteville Works, North Carolina

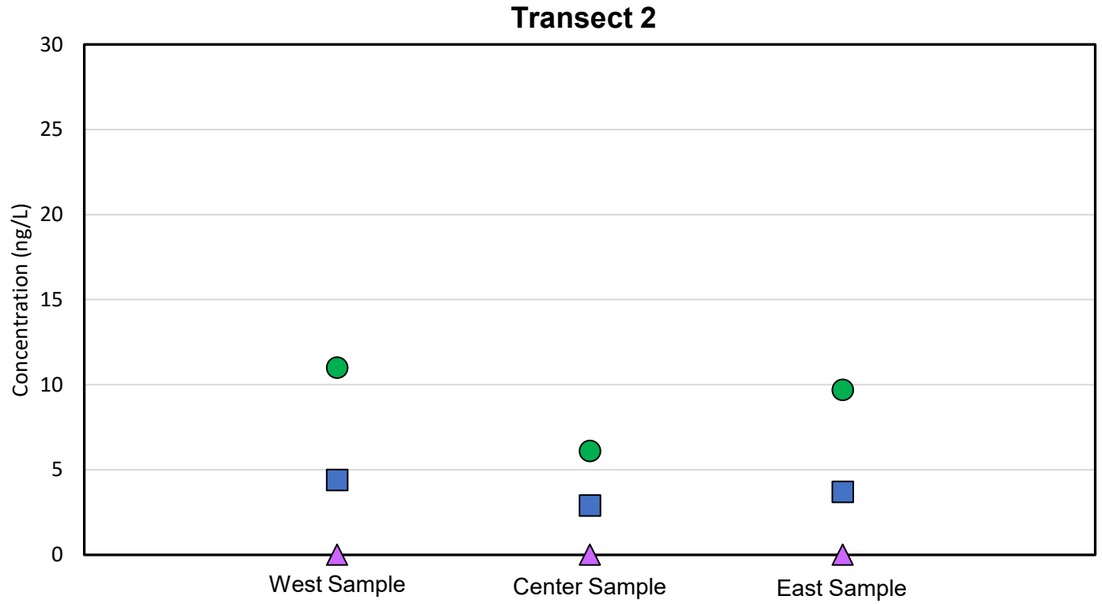
Geosyntec consultants

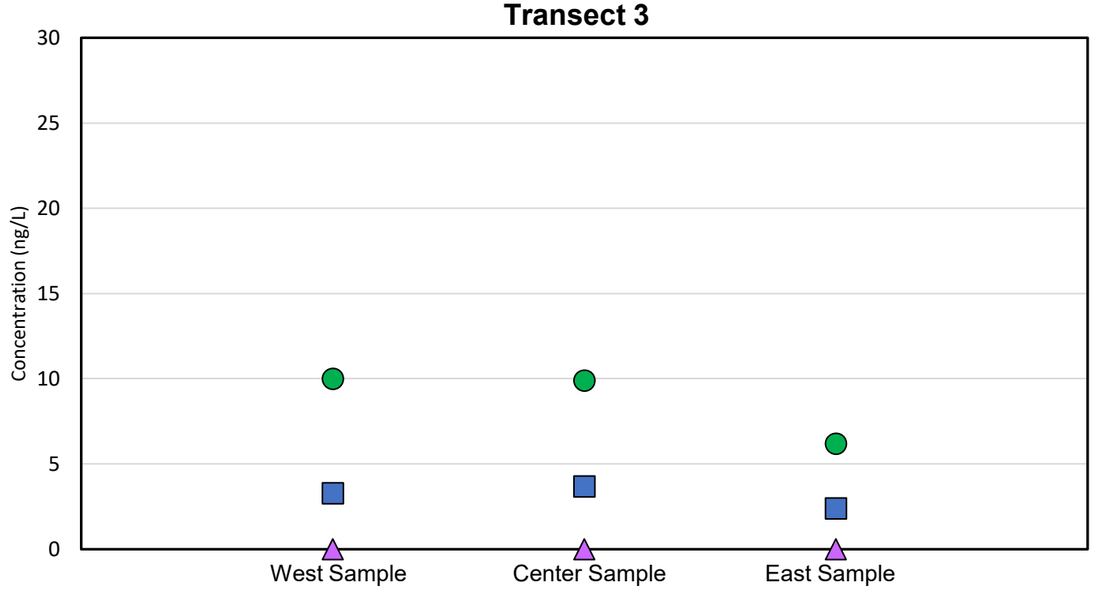
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

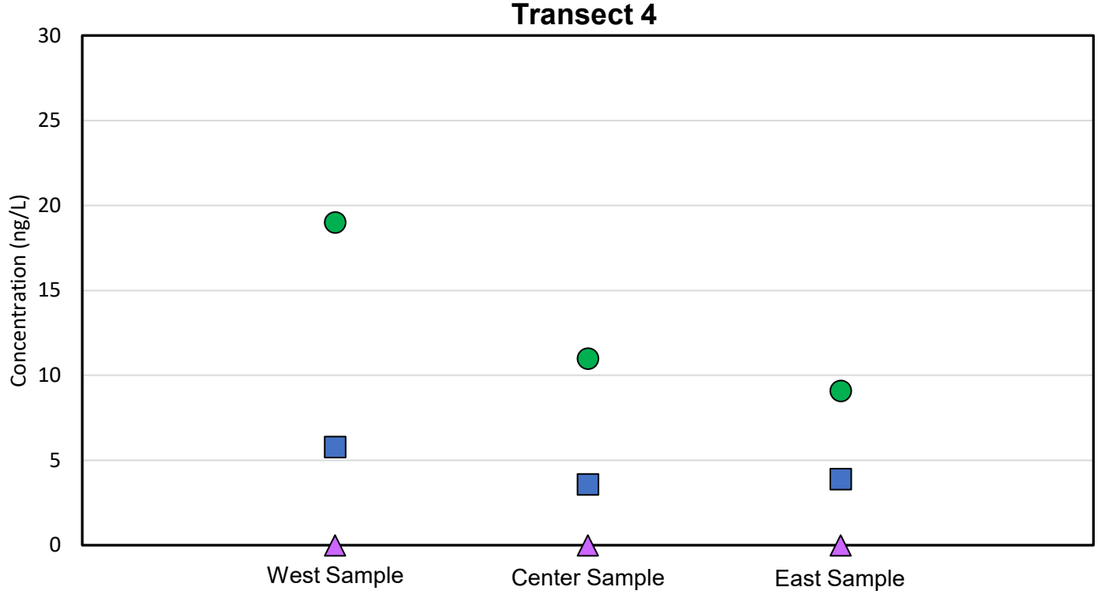
Raleigh | September 2023

Figure
6-7G







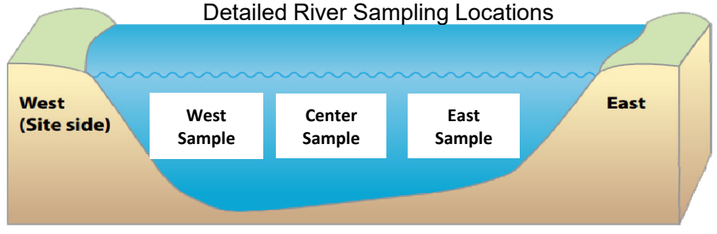


Legend:

- HFPO-DA
- PFMOAA
- PMPA

Notes:

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. A concentration of zero indicates that the compound was not detected above the reporting limit. The reporting detection limits are: HFPO-DA: 2 ng/L; PFMOAA: 2 ng/L; and PMPA: 10 ng/L.



Indicator PFAS Concentrations Across 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

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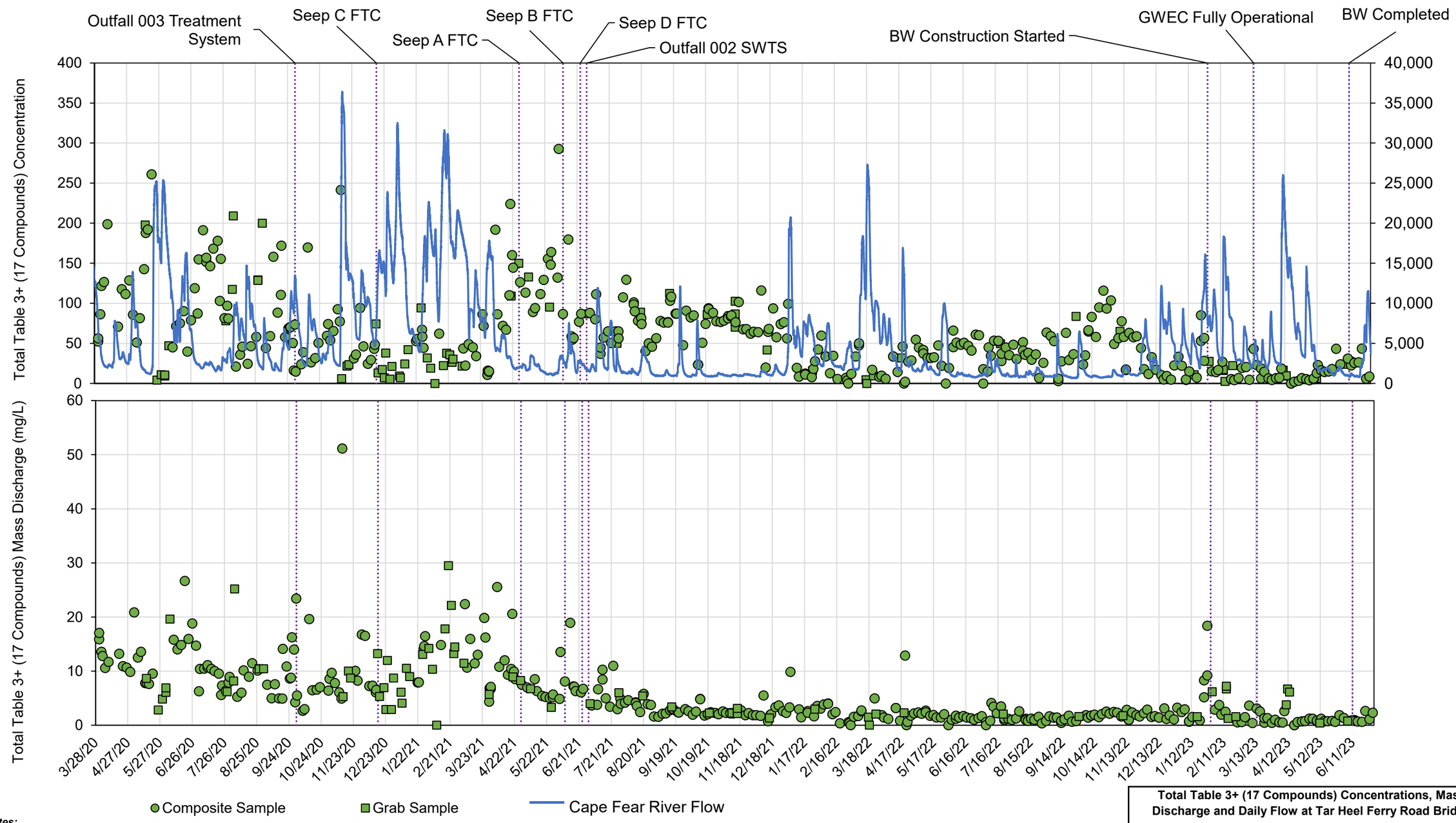
Figure
6-7H



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.

Abbrevations:
BW - Barrier Wall
ft^3/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

Geosyntec Consultants of NC, P.C.
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Figure **6-8**

Geosyntec consultants

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

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

ADQM Data Review

Site: Chemours Fayetteville

Project: 004 NPDES and related lots (updated2)

Project Reviewer: Bridget Gavaghan and Michael Aucoin

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
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-RM-76-021323	320-96848-1	Surface Water	N	02/13/2023	13:00	FS
CAP1Q23-WC-6-021323	320-96848-2	Surface Water	N	02/13/2023	13:56	FS
CAP1Q23-GBC-5-021323	320-96848-3	Surface Water	N	02/13/2023	15:30	FS
CAP1Q23-OLDOF-1B-021323	320-96848-4	Surface Water	N	02/13/2023	16:10	FS
CAP1Q23-OUTFALL-002-021423	320-96848-5	Surface Water	N	02/14/2023	14:00	FS
CAP1Q23-OUTFALL-002-24-021523	320-96848-6	Surface Water	N	02/15/2023	12:50	FS
RIVER-WATER-INTAKE2-24-021423	320-96848-7	Surface Water	N	02/14/2023	12:01	FS
CAP1Q23-EQBLK-DR-021323	320-96848-8	Blank Water	N	02/13/2023	13:00	EB
CAP1Q23-CFR-TARHEEL-022223	320-97412-1	Surface Water	N	02/22/2023	13:20	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
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
EW-01-041223	320-98885-1	Groundwater	N	04/12/2023	14:00	FS
EW-10-041223	320-98885-10	Groundwater	N	04/12/2023	10:10	FS
EW-11-041223	320-98885-11	Groundwater	N	04/12/2023	10:15	FS
EW-12-041223	320-98885-12	Groundwater	N	04/12/2023	10:20	FS
EW-13-041223	320-98885-13	Groundwater	N	04/12/2023	10:25	FS
EW-14-041223	320-98885-14	Groundwater	N	04/12/2023	10:35	FS
EW-15-041223	320-98885-15	Groundwater	N	04/12/2023	10:40	FS
EW-16-041223	320-98885-16	Groundwater	N	04/12/2023	10:45	FS
EW-17-041223	320-98885-17	Groundwater	N	04/12/2023	10:50	FS
EW-18-041223	320-98885-18	Groundwater	N	04/12/2023	10:55	FS
EW-19-041223	320-98885-19	Groundwater	N	04/12/2023	11:00	FS
EW-02-041223	320-98885-2	Groundwater	N	04/12/2023	13:55	FS
EW-20-041223	320-98885-20	Groundwater	N	04/12/2023	11:05	FS
EW-21-041223	320-98885-21	Groundwater	N	04/12/2023	11:10	FS
EW-22-041223	320-98885-22	Groundwater	N	04/12/2023	11:15	FS
EW-23-041223	320-98885-23	Groundwater	N	04/12/2023	11:20	FS
EW-24-041223	320-98885-24	Groundwater	N	04/12/2023	11:25	FS
EW-25-041223	320-98885-25	Groundwater	N	04/12/2023	11:30	FS
EW-26-041223	320-98885-26	Groundwater	N	04/12/2023	11:40	FS
EW-27-041223	320-98885-27	Groundwater	N	04/12/2023	11:42	FS
EW-28-041223	320-98885-28	Groundwater	N	04/12/2023	11:35	FS
EW-29-041223	320-98885-29	Groundwater	N	04/12/2023	11:46	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
EW-03-041223	320-98885-3	Groundwater	N	04/12/2023	13:50	FS
EW-30-041223	320-98885-30	Groundwater	N	04/12/2023	11:48	FS
EW-31-041223	320-98885-31	Groundwater	N	04/12/2023	11:49	FS
EW-32-041223	320-98885-32	Groundwater	N	04/12/2023	11:45	FS
EW-33-041223	320-98885-33	Groundwater	N	04/12/2023	11:50	FS
EW-34-041223	320-98885-34	Groundwater	N	04/12/2023	11:55	FS
EW-35-041223	320-98885-35	Groundwater	N	04/12/2023	12:00	FS
EW-36-041223	320-98885-36	Groundwater	N	04/12/2023	11:52	FS
EW-37-041223	320-98885-37	Groundwater	N	04/12/2023	11:54	FS
EW-38-041223	320-98885-38	Groundwater	N	04/12/2023	12:10	FS
EW-39-041223	320-98885-39	Groundwater	N	04/12/2023	12:05	FS
EW-04-041223	320-98885-4	Groundwater	N	04/12/2023	09:45	FS
EW-40-041223	320-98885-40	Groundwater	N	04/12/2023	12:18	FS
EW-41-041223	320-98885-41	Groundwater	N	04/12/2023	12:15	FS
EW-42-041223	320-98885-42	Groundwater	N	04/12/2023	12:20	FS
EW-43-041223	320-98885-43	Groundwater	N	04/12/2023	12:25	FS
EW-45-041223	320-98885-44	Groundwater	N	04/12/2023	12:30	FS
EW-47-041223	320-98885-45	Groundwater	N	04/12/2023	12:35	FS
EW-48-041223	320-98885-46	Groundwater	N	04/12/2023	09:05	FS
EW-49-041223	320-98885-47	Groundwater	N	04/12/2023	12:40	FS
EW-50-041223	320-98885-48	Groundwater	N	04/12/2023	09:15	FS
EW-51-041223	320-98885-49	Groundwater	N	04/12/2023	12:50	FS
EW-05-041223	320-98885-5	Groundwater	N	04/12/2023	13:45	FS
EW-52-041223	320-98885-50	Groundwater	N	04/12/2023	12:55	FS
EW-53-041223	320-98885-51	Groundwater	N	04/12/2023	09:10	FS
EW-54-041223	320-98885-52	Groundwater	N	04/12/2023	14:20	FS
EW-55-041223	320-98885-53	Groundwater	N	04/12/2023	14:30	FS
EW-56-041223	320-98885-54	Groundwater	N	04/12/2023	08:50	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
EW-57-041223	320-98885-55	Groundwater	N	04/12/2023	08:45	FS
EW-58-041223	320-98885-56	Groundwater	N	04/12/2023	08:40	FS
EW-60-041223	320-98885-57	Groundwater	N	04/12/2023	08:35	FS
EW-61-041223	320-98885-58	Groundwater	N	04/12/2023	08:25	FS
EW-62-041223	320-98885-59	Groundwater	N	04/12/2023	07:45	FS
EW-06-041223	320-98885-6	Groundwater	N	04/12/2023	13:40	FS
EW-63-041223	320-98885-60	Groundwater	N	04/12/2023	07:50	FS
EW-65-041223	320-98885-61	Groundwater	N	04/12/2023	09:30	FS
EW-66-041223	320-98885-62	Groundwater	N	04/12/2023	08:20	FS
EW-67-041223	320-98885-63	Groundwater	N	04/12/2023	08:15	FS
EW-68-041223	320-98885-64	Groundwater	N	04/12/2023	08:10	FS
EW-69-041223	320-98885-65	Groundwater	N	04/12/2023	08:00	FS
EW-07-041223-D	320-98885-66	Groundwater	N	04/12/2023	07:00	DUP
EW-22-041223-D	320-98885-67	Groundwater	N	04/12/2023	13:00	DUP
EW-42-041223-D	320-98885-68	Groundwater	N	04/12/2023	15:00	DUP
EQUIPMENT-BLANK-041223	320-98885-69	Blank Water	N	04/12/2023	14:40	EB
EW-07-041223	320-98885-7	Groundwater	N	04/12/2023	09:55	FS
EW-08-041223	320-98885-8	Groundwater	N	04/12/2023	13:30	FS
EW-09-041223	320-98885-9	Groundwater	N	04/12/2023	10:00	FS
004-INF-0423-4	320-99189-1	Other Liquid	N	04/18/2023	07:40	FS
004-EFF-0423-4	320-99189-2	Other Liquid	N	04/18/2023	07:40	FS
004-INF-0423-2	320-99466-1	Other Liquid	N	04/25/2023	07:45	FS
004-EFF-0423-2	320-99466-2	Other Liquid	N	04/25/2023	07:45	FS
004-INF-050223	320-99817-1	Other Liquid	N	05/02/2023	07:40	FS
004-EFF-050223	320-99817-2	Other Liquid	N	05/02/2023	07:40	FS
004-INF-050923	320-100113-1	Other Liquid	N	05/09/2023	08:00	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
004-EFF-050923	320-100113-2	Other Liquid	N	05/09/2023	08:00	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
004-INF-051623	320-100413-1	Other Liquid	N	05/16/2023	08:30	FS
004-EFF-051623	320-100413-2	Other Liquid	N	05/16/2023	08:30	FS
004-INF-1 052323	320-100818-1	Other liquid	N	05/23/2023	08:20	FS
004-EFF-1 052323	320-100818-2	Other liquid	N	05/23/2023	08:20	FS
004-INF-053023	320-100950-1	Other Liquid	N	05/30/2023	08:00	FS
004-EFF-053023	320-100950-2	Other Liquid	N	05/30/2023	08:00	FS
004-INF-0623	320-101184-1	Other Liquid	N	06/06/2023	07:45	FS
004-EFF-0623	320-101184-2	Other Liquid	N	06/06/2023	07:45	FS
004-INF-0623-2	320-101472-1	Other Liquid	N	06/13/2023	07:30	FS
004-EFF-0623-2	320-101472-2	Other Liquid	N	06/13/2023	07:30	FS
004-INF-0623-3	320-101710-1	Other Liquid	N	06/20/2023	07:00	FS
004-EFF-0623-3	320-101710-2	Other Liquid	N	06/20/2023	07:00	FS
004-INF-0623-4	320-102019-1	Other Liquid	N	06/27/2023	07:00	FS
004-EFF-0623-4	320-102019-2	Other Liquid	N	06/27/2023	07:00	FS
004-INF-0423-3	410-121445-1	Other Liquid	N	04/04/2023	08:30	FS
004-EFF-0423-3	410-121445-2	Other Liquid	N	04/04/2023	08:30	FS
004-INF-0423	410-122368-1	Other Liquid	N	04/11/2023	07:30	FS
004-EFF-0423	410-122368-2	Other Liquid	N	04/11/2023	07:30	FS

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)	004 NPDES Sampling 4/23
LANCASTER LABORATORIES	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 4/23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 5/23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 5/23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 6/23
Eurofins Environ Testing Northern Cali	537 Modified	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)	CAP SW Sampling 1Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 2Q23
Eurofins Environ Testing Northern Cali	537 Modified	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 SW Sampling 3Q22
Eurofins Environ Testing Northern Cali	537 Modified	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 4Q22

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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		X	
D	Were samples prepped/analyzed by the laboratory within method holding times?	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-0423-2 and 004-EFF-0423-2 (received at 8.9 C)*
- *004-INF-1 052323 and 004-EFF-1 052323 (received at 13.1 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:** 004 NPDES Sampling 4/23 **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-0423-2	04/25/2023	320-99466-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFO2HxA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-2	04/25/2023	320-99466-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0423-4	04/18/2023	320-99189-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-051623	05/16/2023	320-100413-2	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-051623	05/16/2023	320-100413-2	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 4/23 **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-0423-2	04/25/2023	320-99466-1	R-PSDA	0.64	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0423-2	04/25/2023	320-99466-1	Hydrolyzed PSDA	5.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0423-2	04/25/2023	320-99466-1	R-EVE	0.38	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-050923	05/09/2023	320-100113-1	R-PSDA	1.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-050923	05/09/2023	320-100113-1	Hydrolyzed PSDA	14	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-050923	05/09/2023	320-100113-1	R-EVE	0.68	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0623-2	06/13/2023	320-101472-1	R-PSDA	1.5	UG/L	PQL		0.035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0623-2	06/13/2023	320-101472-1	Hydrolyzed PSDA	14	UG/L	PQL		0.019	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0623-2	06/13/2023	320-101472-1	R-EVE	0.82	UG/L	PQL		0.036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-002-24-072122D	07/21/2022	320-90298-5	PFMOAA	0.023	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
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

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 SW Sampling 1Q23 **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
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

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 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
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
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

Site: Fayetteville **Sampling Program:** CAP SW 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-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
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
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-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-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-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
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-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-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

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-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
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-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-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-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
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
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-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-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-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-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-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-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-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-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
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
CAP1Q23-WC-6-021323	02/13/2023	320-96848-2	Hydrolyzed PSDA	0.11	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-WC-6-021323	02/13/2023	320-96848-2	R-EVE	0.0085	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW 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-WC-6-021323	02/13/2023	320-96848-2	R-PSDA	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-GBC-5-021323	02/13/2023	320-96848-3	R-EVE	0.021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-GBC-5-021323	02/13/2023	320-96848-3	R-PSDA	0.054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OUTFALL-002-021423	02/14/2023	320-96848-5	Hydrolyzed PSDA	0.024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP1Q23-OUTFALL-002-24-021523	02/15/2023	320-96848-6	Hydrolyzed PSDA	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP SW Sampling 1Q23 **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
CAP1Q23-WC-6-021323	02/13/2023	320-96848-2	Perfluorohexanoic Acid	0.0021	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q23-WC-6-021323	02/13/2023	320-96848-2	PFOS	0.0023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q23-GBC-5-021323	02/13/2023	320-96848-3	PFOS	0.0022	UG/L	PQL		0.0020	J	537 Modified		3535

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

DVM Narrative Report

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

Validation Reason Code: Associated LCS and/or LCSD 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
EW-01-041223	04/12/2023	320-98885-1	R-PSDA	0.72	UG/L	PQL		0.028	J	537 Modified		3535
EW-01-041223	04/12/2023	320-98885-1	R-EVE	0.45	UG/L	PQL		0.031	J	537 Modified		3535
EW-02-041223	04/12/2023	320-98885-2	R-PSDA	3.3	UG/L	PQL		0.028	J	537 Modified		3535
EW-02-041223	04/12/2023	320-98885-2	R-EVE	0.83	UG/L	PQL		0.031	J	537 Modified		3535
EW-03-041223	04/12/2023	320-98885-3	R-PSDA	0.85	UG/L	PQL		0.028	J	537 Modified		3535
EW-03-041223	04/12/2023	320-98885-3	R-EVE	0.48	UG/L	PQL		0.031	J	537 Modified		3535
EW-04-041223	04/12/2023	320-98885-4	R-PSDA	1	UG/L	PQL		0.028	J	537 Modified		3535
EW-04-041223	04/12/2023	320-98885-4	R-EVE	0.59	UG/L	PQL		0.031	J	537 Modified		3535
EW-05-041223	04/12/2023	320-98885-5	R-PSDA	0.65	UG/L	PQL		0.028	J	537 Modified		3535
EW-05-041223	04/12/2023	320-98885-5	R-EVE	0.31	UG/L	PQL		0.031	J	537 Modified		3535
EW-06-041223	04/12/2023	320-98885-6	R-PSDA	0.54	UG/L	PQL		0.028	J	537 Modified		3535
EW-06-041223	04/12/2023	320-98885-6	R-EVE	0.34	UG/L	PQL		0.031	J	537 Modified		3535
EW-08-041223	04/12/2023	320-98885-8	R-PSDA	0.86	UG/L	PQL		0.028	J	537 Modified		3535
EW-08-041223	04/12/2023	320-98885-8	R-EVE	0.49	UG/L	PQL		0.031	J	537 Modified		3535
EW-09-041223	04/12/2023	320-98885-9	R-PSDA	0.82	UG/L	PQL		0.028	J	537 Modified		3535
EW-09-041223	04/12/2023	320-98885-9	R-EVE	0.47	UG/L	PQL		0.031	J	537 Modified		3535
EW-10-041223	04/12/2023	320-98885-10	R-PSDA	0.62	UG/L	PQL		0.028	J	537 Modified		3535
EW-10-041223	04/12/2023	320-98885-10	R-EVE	0.35	UG/L	PQL		0.031	J	537 Modified		3535
EW-11-041223	04/12/2023	320-98885-11	R-PSDA	0.64	UG/L	PQL		0.028	J	537 Modified		3535
EW-11-041223	04/12/2023	320-98885-11	R-EVE	0.37	UG/L	PQL		0.031	J	537 Modified		3535
EW-12-041223	04/12/2023	320-98885-12	R-PSDA	0.84	UG/L	PQL		0.028	J	537 Modified		3535
EW-12-041223	04/12/2023	320-98885-12	R-EVE	0.41	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

Validation Reason Code: Associated LCS and/or LCSD 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
EW-13-041223	04/12/2023	320-98885-13	R-PSDA	0.32	UG/L	PQL		0.028	J	537 Modified		3535
EW-13-041223	04/12/2023	320-98885-13	R-EVE	0.22	UG/L	PQL		0.031	J	537 Modified		3535
EW-14-041223	04/12/2023	320-98885-14	R-PSDA	0.59	UG/L	PQL		0.028	J	537 Modified		3535
EW-14-041223	04/12/2023	320-98885-14	R-EVE	0.37	UG/L	PQL		0.031	J	537 Modified		3535
EW-15-041223	04/12/2023	320-98885-15	R-PSDA	0.63	UG/L	PQL		0.028	J	537 Modified		3535
EW-15-041223	04/12/2023	320-98885-15	R-EVE	0.42	UG/L	PQL		0.031	J	537 Modified		3535
EW-16-041223	04/12/2023	320-98885-16	R-PSDA	0.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-16-041223	04/12/2023	320-98885-16	R-EVE	0.21	UG/L	PQL		0.031	J	537 Modified		3535
EW-17-041223	04/12/2023	320-98885-17	R-PSDA	0.53	UG/L	PQL		0.028	J	537 Modified		3535
EW-17-041223	04/12/2023	320-98885-17	R-EVE	0.29	UG/L	PQL		0.031	J	537 Modified		3535
EW-18-041223	04/12/2023	320-98885-18	R-PSDA	1.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-18-041223	04/12/2023	320-98885-18	R-EVE	0.55	UG/L	PQL		0.031	J	537 Modified		3535
EW-19-041223	04/12/2023	320-98885-19	R-PSDA	0.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-19-041223	04/12/2023	320-98885-19	R-EVE	0.28	UG/L	PQL		0.031	J	537 Modified		3535
EW-20-041223	04/12/2023	320-98885-20	R-PSDA	0.81	UG/L	PQL		0.028	J	537 Modified		3535
EW-20-041223	04/12/2023	320-98885-20	R-EVE	0.55	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-07-041223	04/12/2023	320-98885-7	R-PSDA	0.53	UG/L	PQL		0.028	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	R-EVE	0.33	UG/L	PQL		0.031	J	537 Modified		3535
EW-07-041223-D	04/12/2023	320-98885-66	R-PSDA	0.13	UG/L	PQL		0.028	J	537 Modified		3535
EW-07-041223-D	04/12/2023	320-98885-66	R-EVE	0.11	UG/L	PQL		0.031	J	537 Modified		3535
EW-22-041223	04/12/2023	320-98885-22	R-PSDA	1.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-22-041223	04/12/2023	320-98885-22	Hydrolyzed PSDA	8.5	UG/L	PQL		0.027	J	537 Modified		3535
EW-22-041223	04/12/2023	320-98885-22	R-EVE	0.62	UG/L	PQL		0.031	J	537 Modified		3535
EW-22-041223-D	04/12/2023	320-98885-67	R-PSDA	0.62	UG/L	PQL		0.028	J	537 Modified		3535
EW-22-041223-D	04/12/2023	320-98885-67	Hydrolyzed PSDA	6.2	UG/L	PQL		0.027	J	537 Modified		3535
EW-22-041223-D	04/12/2023	320-98885-67	R-EVE	0.29	UG/L	PQL		0.031	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	Perfluoropentanoic Acid	0.12	UG/L	PQL		0.049	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	6:2 Fluorotelomer sulfonate	6.3	ug/L	PQL		0.25	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	PFOA	0.22	UG/L	PQL		0.085	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	Perfluorobutanoic Acid	1	UG/L	PQL		0.24	J	537 Modified		3535
EW-07-041223-D	04/12/2023	320-98885-66	Perfluoropentanoic Acid	0.056	UG/L	PQL		0.049	J	537 Modified		3535
EW-07-041223	04/12/2023	320-98885-7	PFMOAA	3.4	ug/L	PQL		0.041	J	537 Modified		3535
EW-07-041223-D	04/12/2023	320-98885-66	PFMOAA	1.2	ug/L	PQL		0.041	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-01-041223	04/12/2023	320-98885-1	Hydrolyzed PSDA	1	UG/L	PQL		0.027	J	537 Modified		3535
EW-02-041223	04/12/2023	320-98885-2	Hydrolyzed PSDA	19	UG/L	PQL		0.027	J	537 Modified		3535
EW-03-041223	04/12/2023	320-98885-3	Hydrolyzed PSDA	0.066	UG/L	PQL		0.027	J	537 Modified		3535
EW-11-041223	04/12/2023	320-98885-11	Hydrolyzed PSDA	0.066	UG/L	PQL		0.027	J	537 Modified		3535
EW-12-041223	04/12/2023	320-98885-12	Hydrolyzed PSDA	0.11	UG/L	PQL		0.027	J	537 Modified		3535
EW-13-041223	04/12/2023	320-98885-13	Hydrolyzed PSDA	0.056	UG/L	PQL		0.027	J	537 Modified		3535
EW-14-041223	04/12/2023	320-98885-14	Hydrolyzed PSDA	0.039	UG/L	PQL		0.027	J	537 Modified		3535
EW-15-041223	04/12/2023	320-98885-15	Hydrolyzed PSDA	0.056	UG/L	PQL		0.027	J	537 Modified		3535
EW-16-041223	04/12/2023	320-98885-16	Hydrolyzed PSDA	0.037	UG/L	PQL		0.027	J	537 Modified		3535
EW-17-041223	04/12/2023	320-98885-17	Hydrolyzed PSDA	0.048	UG/L	PQL		0.027	J	537 Modified		3535
EW-18-041223	04/12/2023	320-98885-18	Hydrolyzed PSDA	0.053	UG/L	PQL		0.027	J	537 Modified		3535
EW-19-041223	04/12/2023	320-98885-19	Hydrolyzed PSDA	0.067	UG/L	PQL		0.027	J	537 Modified		3535
EW-20-041223	04/12/2023	320-98885-20	Hydrolyzed PSDA	2.1	UG/L	PQL		0.027	J	537 Modified		3535
EW-21-041223	04/12/2023	320-98885-21	R-PSDA	0.42	UG/L	PQL		0.028	J	537 Modified		3535
EW-21-041223	04/12/2023	320-98885-21	Hydrolyzed PSDA	0.94	UG/L	PQL		0.027	J	537 Modified		3535
EW-21-041223	04/12/2023	320-98885-21	R-EVE	0.37	UG/L	PQL		0.031	J	537 Modified		3535
EW-23-041223	04/12/2023	320-98885-23	R-PSDA	0.05	UG/L	PQL		0.028	J	537 Modified		3535
EW-23-041223	04/12/2023	320-98885-23	Hydrolyzed PSDA	0.17	UG/L	PQL		0.027	J	537 Modified		3535
EW-23-041223	04/12/2023	320-98885-23	R-EVE	0.045	UG/L	PQL		0.031	J	537 Modified		3535
EW-24-041223	04/12/2023	320-98885-24	R-PSDA	2.9	UG/L	PQL		0.028	J	537 Modified		3535
EW-24-041223	04/12/2023	320-98885-24	Hydrolyzed PSDA	11	UG/L	PQL		0.027	J	537 Modified		3535
EW-24-041223	04/12/2023	320-98885-24	R-EVE	1.4	UG/L	PQL		0.031	J	537 Modified		3535
EW-25-041223	04/12/2023	320-98885-25	R-PSDA	0.055	UG/L	PQL		0.028	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-25-041223	04/12/2023	320-98885-25	Hydrolyzed PSDA	0.034	UG/L	PQL		0.027	J	537 Modified		3535
EW-25-041223	04/12/2023	320-98885-25	R-EVE	0.051	UG/L	PQL		0.031	J	537 Modified		3535
EW-26-041223	04/12/2023	320-98885-26	R-PSDA	3.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-26-041223	04/12/2023	320-98885-26	Hydrolyzed PSDA	18	UG/L	PQL		0.027	J	537 Modified		3535
EW-26-041223	04/12/2023	320-98885-26	R-EVE	1.6	UG/L	PQL		0.031	J	537 Modified		3535
EW-27-041223	04/12/2023	320-98885-27	R-PSDA	4.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-27-041223	04/12/2023	320-98885-27	Hydrolyzed PSDA	74	UG/L	PQL		0.14	J	537 Modified		3535
EW-27-041223	04/12/2023	320-98885-27	R-EVE	1.1	UG/L	PQL		0.031	J	537 Modified		3535
EW-28-041223	04/12/2023	320-98885-28	R-PSDA	0.9	UG/L	PQL		0.028	J	537 Modified		3535
EW-28-041223	04/12/2023	320-98885-28	Hydrolyzed PSDA	5.1	UG/L	PQL		0.027	J	537 Modified		3535
EW-28-041223	04/12/2023	320-98885-28	R-EVE	0.58	UG/L	PQL		0.031	J	537 Modified		3535
EW-29-041223	04/12/2023	320-98885-29	R-PSDA	4	UG/L	PQL		0.028	J	537 Modified		3535
EW-29-041223	04/12/2023	320-98885-29	Hydrolyzed PSDA	63	UG/L	PQL		0.14	J	537 Modified		3535
EW-29-041223	04/12/2023	320-98885-29	R-EVE	1.1	UG/L	PQL		0.031	J	537 Modified		3535
EW-30-041223	04/12/2023	320-98885-30	R-PSDA	0.77	UG/L	PQL		0.028	J	537 Modified		3535
EW-30-041223	04/12/2023	320-98885-30	Hydrolyzed PSDA	5	UG/L	PQL		0.027	J	537 Modified		3535
EW-30-041223	04/12/2023	320-98885-30	R-EVE	0.37	UG/L	PQL		0.031	J	537 Modified		3535
EW-31-041223	04/12/2023	320-98885-31	R-PSDA	2.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-31-041223	04/12/2023	320-98885-31	Hydrolyzed PSDA	21	UG/L	PQL		0.027	J	537 Modified		3535
EW-31-041223	04/12/2023	320-98885-31	R-EVE	1	UG/L	PQL		0.031	J	537 Modified		3535
EW-32-041223	04/12/2023	320-98885-32	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-32-041223	04/12/2023	320-98885-32	Hydrolyzed PSDA	12	UG/L	PQL		0.027	J	537 Modified		3535
EW-32-041223	04/12/2023	320-98885-32	R-EVE	0.74	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-33-041223	04/12/2023	320-98885-33	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-33-041223	04/12/2023	320-98885-33	Hydrolyzed PSDA	5.2	UG/L	PQL		0.027	J	537 Modified		3535
EW-33-041223	04/12/2023	320-98885-33	R-EVE	1.1	UG/L	PQL		0.031	J	537 Modified		3535
EW-34-041223	04/12/2023	320-98885-34	R-PSDA	1.3	UG/L	PQL		0.028	J	537 Modified		3535
EW-34-041223	04/12/2023	320-98885-34	Hydrolyzed PSDA	9.4	UG/L	PQL		0.027	J	537 Modified		3535
EW-34-041223	04/12/2023	320-98885-34	R-EVE	0.68	UG/L	PQL		0.031	J	537 Modified		3535
EW-35-041223	04/12/2023	320-98885-35	R-PSDA	2.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-35-041223	04/12/2023	320-98885-35	Hydrolyzed PSDA	18	UG/L	PQL		0.027	J	537 Modified		3535
EW-35-041223	04/12/2023	320-98885-35	R-EVE	0.92	UG/L	PQL		0.031	J	537 Modified		3535
EW-36-041223	04/12/2023	320-98885-36	R-PSDA	2.3	UG/L	PQL		0.028	J	537 Modified		3535
EW-36-041223	04/12/2023	320-98885-36	Hydrolyzed PSDA	31	UG/L	PQL		0.027	J	537 Modified		3535
EW-36-041223	04/12/2023	320-98885-36	R-EVE	0.56	UG/L	PQL		0.031	J	537 Modified		3535
EW-37-041223	04/12/2023	320-98885-37	R-PSDA	1.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-37-041223	04/12/2023	320-98885-37	Hydrolyzed PSDA	8.4	UG/L	PQL		0.027	J	537 Modified		3535
EW-37-041223	04/12/2023	320-98885-37	R-EVE	0.54	UG/L	PQL		0.031	J	537 Modified		3535
EW-38-041223	04/12/2023	320-98885-38	R-PSDA	2.5	UG/L	PQL		0.028	J	537 Modified		3535
EW-38-041223	04/12/2023	320-98885-38	Hydrolyzed PSDA	37	UG/L	PQL		0.027	J	537 Modified		3535
EW-38-041223	04/12/2023	320-98885-38	R-EVE	0.58	UG/L	PQL		0.031	J	537 Modified		3535
EW-39-041223	04/12/2023	320-98885-39	R-PSDA	1.5	UG/L	PQL		0.028	J	537 Modified		3535
EW-39-041223	04/12/2023	320-98885-39	Hydrolyzed PSDA	0.18	UG/L	PQL		0.027	J	537 Modified		3535
EW-39-041223	04/12/2023	320-98885-39	R-EVE	1	UG/L	PQL		0.031	J	537 Modified		3535
EW-40-041223	04/12/2023	320-98885-40	R-PSDA	2.6	UG/L	PQL		0.028	J	537 Modified		3535
EW-40-041223	04/12/2023	320-98885-40	Hydrolyzed PSDA	32	UG/L	PQL		0.027	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-40-041223	04/12/2023	320-98885-40	R-EVE	0.56	UG/L	PQL		0.031	J	537 Modified		3535
EW-41-041223	04/12/2023	320-98885-41	R-PSDA	2.6	UG/L	PQL		0.028	J	537 Modified		3535
EW-41-041223	04/12/2023	320-98885-41	Hydrolyzed PSDA	38	UG/L	PQL		0.027	J	537 Modified		3535
EW-41-041223	04/12/2023	320-98885-41	R-EVE	0.6	UG/L	PQL		0.031	J	537 Modified		3535
EW-42-041223	04/12/2023	320-98885-42	R-PSDA	2.2	UG/L	PQL		0.028	J	537 Modified		3535
EW-42-041223	04/12/2023	320-98885-42	Hydrolyzed PSDA	33	UG/L	PQL		0.027	J	537 Modified		3535
EW-42-041223	04/12/2023	320-98885-42	R-EVE	0.59	UG/L	PQL		0.031	J	537 Modified		3535
EW-42-041223-D	04/12/2023	320-98885-68	R-PSDA	1.9	UG/L	PQL		0.028	J	537 Modified		3535
EW-42-041223-D	04/12/2023	320-98885-68	Hydrolyzed PSDA	29	UG/L	PQL		0.027	J	537 Modified		3535
EW-42-041223-D	04/12/2023	320-98885-68	R-EVE	0.46	UG/L	PQL		0.031	J	537 Modified		3535
EW-43-041223	04/12/2023	320-98885-43	R-PSDA	2.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-43-041223	04/12/2023	320-98885-43	Hydrolyzed PSDA	37	UG/L	PQL		0.027	J	537 Modified		3535
EW-43-041223	04/12/2023	320-98885-43	R-EVE	0.6	UG/L	PQL		0.031	J	537 Modified		3535
EW-45-041223	04/12/2023	320-98885-44	R-PSDA	2.3	UG/L	PQL		0.028	J	537 Modified		3535
EW-45-041223	04/12/2023	320-98885-44	Hydrolyzed PSDA	32	UG/L	PQL		0.027	J	537 Modified		3535
EW-45-041223	04/12/2023	320-98885-44	R-EVE	0.57	UG/L	PQL		0.031	J	537 Modified		3535
EW-47-041223	04/12/2023	320-98885-45	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-47-041223	04/12/2023	320-98885-45	Hydrolyzed PSDA	15	UG/L	PQL		0.027	J	537 Modified		3535
EW-47-041223	04/12/2023	320-98885-45	R-EVE	0.45	UG/L	PQL		0.031	J	537 Modified		3535
EW-48-041223	04/12/2023	320-98885-46	R-PSDA	1.1	UG/L	PQL		0.028	J	537 Modified		3535
EW-48-041223	04/12/2023	320-98885-46	Hydrolyzed PSDA	0.91	UG/L	PQL		0.027	J	537 Modified		3535
EW-48-041223	04/12/2023	320-98885-46	R-EVE	0.8	UG/L	PQL		0.031	J	537 Modified		3535
EW-49-041223	04/12/2023	320-98885-47	R-PSDA	0.95	UG/L	PQL		0.028	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-49-041223	04/12/2023	320-98885-47	Hydrolyzed PSDA	8.3	UG/L	PQL		0.027	J	537 Modified		3535
EW-49-041223	04/12/2023	320-98885-47	R-EVE	0.43	UG/L	PQL		0.031	J	537 Modified		3535
EW-50-041223	04/12/2023	320-98885-48	R-PSDA	1.4	UG/L	PQL		0.028	J	537 Modified		3535
EW-50-041223	04/12/2023	320-98885-48	Hydrolyzed PSDA	5.1	UG/L	PQL		0.027	J	537 Modified		3535
EW-50-041223	04/12/2023	320-98885-48	R-EVE	1.3	UG/L	PQL		0.031	J	537 Modified		3535
EW-51-041223	04/12/2023	320-98885-49	R-PSDA	0.84	UG/L	PQL		0.028	J	537 Modified		3535
EW-51-041223	04/12/2023	320-98885-49	Hydrolyzed PSDA	2.9	UG/L	PQL		0.027	J	537 Modified		3535
EW-51-041223	04/12/2023	320-98885-49	R-EVE	0.63	UG/L	PQL		0.031	J	537 Modified		3535
EW-52-041223	04/12/2023	320-98885-50	R-PSDA	1.5	UG/L	PQL		0.028	J	537 Modified		3535
EW-52-041223	04/12/2023	320-98885-50	Hydrolyzed PSDA	3.2	UG/L	PQL		0.027	J	537 Modified		3535
EW-52-041223	04/12/2023	320-98885-50	R-EVE	1.5	UG/L	PQL		0.031	J	537 Modified		3535
EW-53-041223	04/12/2023	320-98885-51	R-PSDA	2	UG/L	PQL		0.028	J	537 Modified		3535
EW-53-041223	04/12/2023	320-98885-51	Hydrolyzed PSDA	4.9	UG/L	PQL		0.027	J	537 Modified		3535
EW-53-041223	04/12/2023	320-98885-51	R-EVE	2.1	UG/L	PQL		0.031	J	537 Modified		3535
EW-54-041223	04/12/2023	320-98885-52	R-PSDA	1.9	UG/L	PQL		0.028	J	537 Modified		3535
EW-54-041223	04/12/2023	320-98885-52	Hydrolyzed PSDA	4.7	UG/L	PQL		0.027	J	537 Modified		3535
EW-54-041223	04/12/2023	320-98885-52	R-EVE	1.9	UG/L	PQL		0.031	J	537 Modified		3535
EW-55-041223	04/12/2023	320-98885-53	R-PSDA	1.7	UG/L	PQL		0.028	J	537 Modified		3535
EW-55-041223	04/12/2023	320-98885-53	Hydrolyzed PSDA	3.5	UG/L	PQL		0.027	J	537 Modified		3535
EW-55-041223	04/12/2023	320-98885-53	R-EVE	1.8	UG/L	PQL		0.031	J	537 Modified		3535
EW-56-041223	04/12/2023	320-98885-54	R-PSDA	1.5	UG/L	PQL		0.028	J	537 Modified		3535
EW-56-041223	04/12/2023	320-98885-54	Hydrolyzed PSDA	3.5	UG/L	PQL		0.027	J	537 Modified		3535
EW-56-041223	04/12/2023	320-98885-54	R-EVE	1.9	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-57-041223	04/12/2023	320-98885-55	R-PSDA	0.47	UG/L	PQL		0.028	J	537 Modified		3535
EW-57-041223	04/12/2023	320-98885-55	Hydrolyzed PSDA	1.5	UG/L	PQL		0.027	J	537 Modified		3535
EW-57-041223	04/12/2023	320-98885-55	R-EVE	0.52	UG/L	PQL		0.031	J	537 Modified		3535
EW-58-041223	04/12/2023	320-98885-56	R-PSDA	0.75	UG/L	PQL		0.028	J	537 Modified		3535
EW-58-041223	04/12/2023	320-98885-56	Hydrolyzed PSDA	2.7	UG/L	PQL		0.027	J	537 Modified		3535
EW-58-041223	04/12/2023	320-98885-56	R-EVE	0.63	UG/L	PQL		0.031	J	537 Modified		3535
EW-60-041223	04/12/2023	320-98885-57	R-PSDA	0.43	UG/L	PQL		0.028	J	537 Modified		3535
EW-60-041223	04/12/2023	320-98885-57	Hydrolyzed PSDA	1.1	UG/L	PQL		0.027	J	537 Modified		3535
EW-60-041223	04/12/2023	320-98885-57	R-EVE	0.41	UG/L	PQL		0.031	J	537 Modified		3535
EW-61-041223	04/12/2023	320-98885-58	R-PSDA	0.54	UG/L	PQL		0.028	J	537 Modified		3535
EW-61-041223	04/12/2023	320-98885-58	Hydrolyzed PSDA	1.6	UG/L	PQL		0.027	J	537 Modified		3535
EW-61-041223	04/12/2023	320-98885-58	R-EVE	0.57	UG/L	PQL		0.031	J	537 Modified		3535
EW-62-041223	04/12/2023	320-98885-59	R-PSDA	0.72	UG/L	PQL		0.028	J	537 Modified		3535
EW-62-041223	04/12/2023	320-98885-59	Hydrolyzed PSDA	2.7	UG/L	PQL		0.027	J	537 Modified		3535
EW-62-041223	04/12/2023	320-98885-59	R-EVE	0.74	UG/L	PQL		0.031	J	537 Modified		3535
EW-63-041223	04/12/2023	320-98885-60	R-PSDA	0.58	UG/L	PQL		0.028	J	537 Modified		3535
EW-63-041223	04/12/2023	320-98885-60	Hydrolyzed PSDA	2.4	UG/L	PQL		0.027	J	537 Modified		3535
EW-63-041223	04/12/2023	320-98885-60	R-EVE	0.47	UG/L	PQL		0.031	J	537 Modified		3535
EW-65-041223	04/12/2023	320-98885-61	R-PSDA	0.17	UG/L	PQL		0.028	J	537 Modified		3535
EW-65-041223	04/12/2023	320-98885-61	R-EVE	0.092	UG/L	PQL		0.031	J	537 Modified		3535
EW-66-041223	04/12/2023	320-98885-62	R-PSDA	0.56	UG/L	PQL		0.028	J	537 Modified		3535
EW-66-041223	04/12/2023	320-98885-62	Hydrolyzed PSDA	1.9	UG/L	PQL		0.027	J	537 Modified		3535
EW-66-041223	04/12/2023	320-98885-62	R-EVE	0.43	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
EW-67-041223	04/12/2023	320-98885-63	R-PSDA	0.45	UG/L	PQL		0.028	J	537 Modified		3535
EW-67-041223	04/12/2023	320-98885-63	Hydrolyzed PSDA	1.4	UG/L	PQL		0.027	J	537 Modified		3535
EW-67-041223	04/12/2023	320-98885-63	R-EVE	0.31	UG/L	PQL		0.031	J	537 Modified		3535
EW-68-041223	04/12/2023	320-98885-64	R-PSDA	0.19	UG/L	PQL		0.028	J	537 Modified		3535
EW-68-041223	04/12/2023	320-98885-64	Hydrolyzed PSDA	0.47	UG/L	PQL		0.027	J	537 Modified		3535
EW-68-041223	04/12/2023	320-98885-64	R-EVE	0.23	UG/L	PQL		0.031	J	537 Modified		3535
EW-69-041223	04/12/2023	320-98885-65	R-PSDA	0.074	UG/L	PQL		0.028	J	537 Modified		3535
EW-69-041223	04/12/2023	320-98885-65	Hydrolyzed PSDA	0.12	UG/L	PQL		0.027	J	537 Modified		3535
EW-69-041223	04/12/2023	320-98885-65	R-EVE	0.075	UG/L	PQL		0.031	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **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
EW-49-041223	04/12/2023	320-98885-47	Perfluoroheptanoic Acid	0.03	UG/L	PQL		0.025	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** Extraction Well Sampling **Validation Options:** LABSTATS

Validation Reason Code: Associated MS and/or MSD analysis had relative percent recovery (RPR) values less than the lower control limit 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
EW-26-041223	04/12/2023	320-98885-26	PFO3OA	15	ug/L	PQL		0.089	J	537 Modified		3535

ADQM Data Review

Site: Chemours Fayetteville

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

Project Reviewer: Bridget Gavaghan & Michael Aucoin

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-INFLUENT-TSS-051623	320-100359-1	Surface Water	N	05/16/2023	12:40	FS
SEEP-B-INFLUENT-TSS-051623	320-100359-2	Surface Water	N	05/16/2023	10:00	FS
SEEP-C-INFLUENT-TSS-051623	320-100359-3	Surface Water	N	05/16/2023	11:00	FS
SEEP-D-INFLUENT-TSS-051623	320-100359-4	Surface Water	N	05/16/2023	09:35	FS
SEEP-A-EFFLUENT-TSS-051623	320-100359-5	Surface Water	N	05/16/2023	12:45	FS
SEEP-B-EFFLUENT-TSS-051623	320-100359-6	Surface Water	N	05/16/2023	10:05	FS
SEEP-C-EFFLUENT-TSS-051623	320-100359-7	Surface Water	N	05/16/2023	11:05	FS
SEEP-D-EFFLUENT-TSS-051623	320-100359-8	Surface Water	N	05/16/2023	09:40	FS
SEEP-A-INFLUENT-336-051523	320-100360-1	Surface Water	N	05/15/2023	06:00	FS
SEEP-A-EFFLUENT-336-051523	320-100360-2	Surface Water	N	05/15/2023	06:00	FS
SEEP-B-INFLUENT-336-051523	320-100360-3	Surface Water	N	05/15/2023	06:00	FS
SEEP-B-EFFLUENT-336-051523	320-100360-4	Surface Water	N	05/15/2023	06:00	FS
SEEP-C-INFLUENT-336-051523	320-100360-5	Surface Water	N	05/15/2023	06:00	FS
SEEP-C-EFFLUENT-336-051523	320-100360-6	Surface Water	N	05/15/2023	06:00	FS
SEEP-D-INFLUENT-336-051523	320-100360-7	Surface Water	N	05/15/2023	06:00	FS
SEEP-D-EFFLUENT-336-051523	320-100360-8	Surface Water	N	05/15/2023	06:00	FS
SEEP-A-INFLUENT-336-053023	320-100943-1	Surface Water	N	05/30/2023	09:00	FS
SEEP-C-EFFLUENT-336-053023-D	320-100943-10	Surface Water	N	05/30/2023	09:00	DUP
SEEP-D-EFFLUENT-336-053023	320-100943-11	Surface Water	N	05/30/2023	09:00	FS
SEEP-B-INFLUENT-336-053023	320-100943-2	Surface Water	N	05/30/2023	09:00	FS
SEEP-C-INFLUENT-336-053023	320-100943-3	Surface Water	N	05/30/2023	09:00	FS
SEEP-D-INFLUENT-336-053023	320-100943-4	Surface Water	N	05/30/2023	09:00	FS
SEEP-FB-053023	320-100943-5	Blank Water	N	05/30/2023	12:30	FB
SEEP-EB-053023	320-100943-6	Blank Water	N	05/30/2023	12:35	EB
SEEP-A-EFFLUENT-336-053023	320-100943-7	Surface Water	N	05/30/2023	09:00	FS
SEEP-B-EFFLUENT-336-053023	320-100943-8	Surface Water	N	05/30/2023	09:00	FS
SEEP-C-EFFLUENT-336-053023	320-100943-9	Surface Water	N	05/30/2023	09:00	FS
SEEP-A-INFLUENT-TSS-053023	320-100944-1	Surface Water	N	05/30/2023	08:40	FS

Chemours™

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-TSS-053023	320-100944-3	Surface Water	N	05/30/2023	10:00	FS
SEEP-D-INFLUENT-TSS-053023	320-100944-4	Surface Water	N	05/30/2023	11:00	FS
SEEP-A-EFFLUENT-TSS-053023	320-100944-5	Surface Water	N	05/30/2023	08:45	FS
SEEP-B-EFFLUENT-TSS-053023	320-100944-6	Surface Water	N	05/30/2023	09:25	FS
SEEP-C-EFFLUENT-TSS-053023	320-100944-7	Surface Water	N	05/30/2023	10:05	FS
SEEP-D-EFFLUENT-TSS-053023	320-100944-8	Surface Water	N	05/30/2023	11:05	FS
SEEP-A-INFLUENT-RAIN-24-052823	320-100953-1	Surface Water	N	05/28/2023	13:03	FS
SEEP-A-EFFLUENT-RAIN-24-052823	320-100953-2	Surface Water	N	05/28/2023	13:11	FS
SEEP-C-INFLUENT-RAIN-24-052823	320-100953-3	Surface Water	N	05/28/2023	13:11	FS
SEEP-C-EFFLUENT-RAIN-24-052823	320-100953-4	Surface Water	N	05/28/2023	14:03	FS
SEEP-D-EFFLUENT-RAIN-24-052823	320-100953-5	Surface Water	N	05/28/2023	12:55	FS
SEEP-B-EFFLUENT-RAIN-24-052823	320-100953-6	Surface Water	N	05/28/2023	13:04	FS
SEEP-B-INFLUENT-RAIN-24-052823	320-100953-7	Surface Water	N	05/28/2023	13:03	FS
SEEP-A-INFLUENT-336-061423	320-101646-1	Surface Water	N	06/14/2023	18:00	FS
SEEP-A-EFFLUENT-336-061423	320-101646-2	Surface Water	N	06/14/2023	18:00	FS
SEEP-B-INFLUENT-336-061423	320-101646-3	Surface Water	N	06/14/2023	18:00	FS
SEEP-B-EFFLUENT-336-061423	320-101646-4	Surface Water	N	06/14/2023	18:00	FS
SEEP-C-INFLUENT-336-061423	320-101646-5	Surface Water	N	06/14/2023	18:00	FS
SEEP-C-EFFLUENT-336-061423	320-101646-6	Surface Water	N	06/14/2023	18:00	FS
SEEP-D-INFLUENT-336-061423	320-101646-7	Surface Water	N	06/14/2023	18:00	FS
SEEP-D-EFFLUENT-336-061423	320-101646-8	Surface Water	N	06/14/2023	18:00	FS
SEEP-A-INFLUENT-TSS-061523	320-101647-1	Surface Water	N	06/15/2023	12:40	FS
SEEP-B-INFLUENT-TSS-061523	320-101647-2	Surface Water	N	06/15/2023	10:00	FS
SEEP-C-INFLUENT-TSS-061523	320-101647-3	Surface Water	N	06/15/2023	11:00	FS
SEEP-D-INFLUENT-TSS-061523	320-101647-4	Surface Water	N	06/15/2023	09:35	FS
SEEP-A-EFFLUENT-TSS-061523	320-101647-5	Surface Water	N	06/15/2023	12:45	FS
SEEP-B-EFFLUENT-TSS-061523	320-101647-6	Surface Water	N	06/15/2023	10:05	FS
SEEP-C-EFFLUENT-TSS-061523	320-101647-7	Surface Water	N	06/15/2023	11:05	FS
SEEP-D-EFFLUENT-TSS-061523	320-101647-8	Surface Water	N	06/15/2023	09:40	FS

Chemours™

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-INFLUENT-RAIN-24-062123	320-101847-1	Surface Water	N	06/21/2023	06:13	FS
SEEP-A-EFFLUENT-RAIN-24-062123	320-101847-2	Surface Water	N	06/21/2023	06:17	FS
SEEP-C-INFLUENT-RAIN-24-062123	320-101847-3	Surface Water	N	06/21/2023	06:17	FS
SEEP-C-EFFLUENT-RAIN-24-062123	320-101847-4	Surface Water	N	06/21/2023	06:11	FS
SEEP-D-INFLUENT-RAIN-24-062123	320-101847-5	Surface Water	N	06/21/2023	06:17	FS
SEEP-D-EFFLUENT-RAIN-24-062123	320-101847-6	Surface Water	N	06/21/2023	09:06	FS
SEEP-B-EFFLUENT-RAIN-24-062123	320-101847-7	Surface Water	N	06/21/2023	06:13	FS
SEEP-B-INFLUENT-RAIN-24-062123	320-101847-8	Surface Water	N	06/21/2023	06:10	FS
SEEP-A-INFLUENT-336-062923	320-102205-1	Surface Water	N	06/29/2023	09:00	FS
SEEP-EB-062923	320-102205-10	Blank Water	N	06/29/2023	11:00	EB
SEEP-FB-062923	320-102205-11	Blank Water	N	06/29/2023	11:05	FB
SEEP-A-EFFLUENT-336-062923	320-102205-2	Surface Water	N	06/29/2023	09:00	FS
SEEP-B-INFLUENT-336-062923	320-102205-3	Surface Water	N	06/29/2023	09:00	FS
SEEP-B-EFFLUENT-336-062923	320-102205-4	Surface Water	N	06/29/2023	09:00	FS
SEEP-C-INFLUENT-336-062923	320-102205-5	Surface Water	N	06/29/2023	09:00	FS
SEEP-C-EFFLUENT-336-062923	320-102205-6	Surface Water	N	06/29/2023	09:00	FS
SEEP-D-INFLUENT-336-062923	320-102205-7	Surface Water	N	06/29/2023	09:00	FS
SEEP-D-INFLUENT-336-062923-D	320-102205-8	Surface Water	N	06/29/2023	09:00	DUP
SEEP-D-EFFLUENT-336-062923	320-102205-9	Surface Water	N	06/29/2023	09:00	FS
SEEP-A-INFLUENT-TSS-062923	320-102206-1	Surface Water	N	06/29/2023	10:50	FS
SEEP-B-INFLUENT-TSS-062923	320-102206-2	Surface Water	N	06/29/2023	10:25	FS
SEEP-C-INFLUENT-TSS-062923	320-102206-3	Surface Water	N	06/29/2023	10:15	FS
SEEP-D-INFLUENT-TSS-062923	320-102206-4	Surface Water	N	06/29/2023	10:00	FS
SEEP-A-EFFLUENT-TSS-062923	320-102206-5	Surface Water	N	06/29/2023	10:55	FS
SEEP-B-EFFLUENT-TSS-062923	320-102206-6	Surface Water	N	06/29/2023	10:30	FS
SEEP-C-EFFLUENT-TSS-062923	320-102206-7	Surface Water	N	06/29/2023	10:15	FS
SEEP-D-EFFLUENT-TSS-062923	320-102206-8	Surface Water	N	06/29/2023	10:05	FS
SEEP-A-INFLUENT-204-040923	320-98819-1	Surface Water	N	04/09/2023	06:00	FS
SEEP-A-EFFLUENT-204-040923	320-98819-2	Surface Water	N	04/09/2023	06:00	FS

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Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-B-INFLUENT-204-040923	320-98819-3	Surface Water	N	04/09/2023	06:00	FS
SEEP-B-EFFLUENT-204-040923	320-98819-4	Surface Water	N	04/09/2023	06:00	FS
SEEP-C-INFLUENT-204-040923	320-98819-5	Surface Water	N	04/09/2023	06:00	FS
SEEP-C-EFFLUENT-204-040923	320-98819-6	Surface Water	N	04/09/2023	06:00	FS
SEEP-D-INFLUENT-204-040923	320-98819-7	Surface Water	N	04/09/2023	06:00	FS
SEEP-D-EFFLUENT-204-040923	320-98819-8	Surface Water	N	04/09/2023	06:00	FS
SEEP-A-INFLUENT-RAIN-19-040923	320-98841-1	Surface Water	N	04/09/2023	09:28	FS
SEEP-A-EFFLUENT-RAIN-19-040923	320-98841-2	Surface Water	N	04/09/2023	09:27	FS
SEEP-C-INFLUENT-RAIN-20-040923	320-98841-3	Surface Water	N	04/09/2023	08:38	FS
SEEP-C-EFFLUENT-RAIN-20-040923	320-98841-4	Surface Water	N	04/09/2023	08:36	FS
SEEP-D-INFLUENT-RAIN-21-040923	320-98841-5	Surface Water	N	04/09/2023	09:54	FS
SEEP-D-EFFLUENT-RAIN-21-040923	320-98841-6	Surface Water	N	04/09/2023	09:49	FS
SEEP-B-EFFLUENT-RAIN-20-040923	320-98841-7	Surface Water	N	04/09/2023	08:42	FS
SEEP-B-INFLUENT-RAIN-20-040923	320-98841-8	Surface Water	N	04/09/2023	08:33	FS
SEEP-A-INFLUENT-318-042823	320-99693-1	Surface Water	N	04/28/2023	06:00	FS
SEEP-EB-042823	320-99693-10	Blank Water	N	04/28/2023	11:30	EB
SEEP-FB-042823	320-99693-11	Blank Water	N	04/28/2023	11:35	FB
SEEP-A-EFFLUENT-336-042823	320-99693-2	Surface Water	N	04/28/2023	06:00	FS
SEEP-B-INFLUENT-336-042823-D	320-99693-3	Surface Water	N	04/28/2023	06:00	DUP
SEEP-B-INFLUENT-336-042823	320-99693-4	Surface Water	N	04/28/2023	06:00	FS
SEEP-B-EFFLUENT-336-042823	320-99693-5	Surface Water	N	04/28/2023	06:00	FS
SEEP-C-INFLUENT-336-042823	320-99693-6	Surface Water	N	04/28/2023	06:00	FS
SEEP-C-EFFLUENT-318-042823	320-99693-7	Surface Water	N	04/28/2023	06:00	FS
SEEP-D-INFLUENT-336-042823	320-99693-8	Surface Water	N	04/28/2023	06:00	FS
SEEP-D-EFFLUENT-336-042823	320-99693-9	Surface Water	N	04/28/2023	06:00	FS
SEEP-A-INFLUENT-TSS-042823	320-99695-1	Surface Water	N	04/28/2023	09:40	FS
SEEP-B-INFLUENT-TSS-042823	320-99695-2	Surface Water	N	04/28/2023	10:10	FS
SEEP-C-INFLUENT-TSS-042823	320-99695-3	Surface Water	N	04/28/2023	11:00	FS
SEEP-D-INFLUENT-TSS-042823	320-99695-4	Surface Water	N	04/28/2023	14:35	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-EFFLUENT-TSS-042823	320-99695-5	Surface Water	N	04/28/2023	10:35	FS
SEEP-B-EFFLUENT-TSS-042823	320-99695-6	Surface Water	N	04/28/2023	10:15	FS
SEEP-C-EFFLUENT-TSS-042823	320-99695-7	Surface Water	N	04/28/2023	11:05	FS
SEEP-D-EFFLUENT-TSS-042823	320-99695-8	Surface Water	N	04/28/2023	10:40	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

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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				
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 samples that follow 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:

- *SEEP-A-INFLUENT-336-061423, SEEP-A-EFFLUENT-336-061423, SEEP-B-INFLUENT-336-061423, SEEP-B-EFFLUENT-336-061423, SEEP-C-INFLUENT-336-061423, SEEP-C-EFFLUENT-336-061423, SEEP-D-EFFLUENT-336-061423, SEEP-D-INFLUENT-336-061423 (received at 15.9 C)*
- *SEEP-A-INFLUENT-TSS-061523, SEEP-A-EFFLUENT-TSS-061523, SEEP-B-INFLUENT-TSS-061523, SEEP-B-EFFLUENT-TSS-061523, SEEP-C-INFLUENT-TSS-061523, SEEP-C-EFFLUENT-TSS-061523, SEEP-D-EFFLUENT-TSS-061523, SEEP-D-INFLUENT-TSS-061423 (received at 15.9 C)*
- *SEEP-A-INFLUENT-336-062923, SEEP-A-EFFLUENT-336-062923, SEEP-B-INFLUENT-336-062923, SEEP-B-EFFLUENT-336-062923, SEEP-C-INFLUENT-336-062923, SEEP-C-EFFLUENT-336-062923, SEEP-D-EFFLUENT-336-062923, SEEP-D-INFLUENT-336-062923, SEEP-D-INFLUENT-336-062923-D, SEEP-EB-062923, SEEP-FB-062923 (received at 11.3 or 13.0 C)*
- *SEEP-A-INFLUENT-TSS-062923, SEEP-A-EFFLUENT-TSS-062923, SEEP-B-INFLUENT-TSS-062923, SEEP-B-EFFLUENT-TSS-062923, SEEP-C-INFLUENT-TSS-062923, SEEP-C-EFFLUENT-TSS-062923, SEEP-D-EFFLUENT-TSS-062923, SEEP-D-INFLUENT-TSS-062923, (received at 13.0 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:** Seep Flow Through Cell Sampling 2023 **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
SEEP-C-EFFLUENT-336-061423	06/14/2023	320-101646-6	Hfpo Dimer Acid	0.0070	UG/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-051523	05/15/2023	320-100360-8	Hfpo Dimer Acid	0.0050	UG/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-5	Hfpo Dimer Acid	0.0093	UG/L	PQL		0.0020	B	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 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-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFO5DA	0.078	ug/L	PQL		0.078	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFECA-G	0.048	UG/L	PQL		0.048	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: 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-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	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: 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
SEEP-B-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-7	Hfpo Dimer Acid	0.042	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-INFLUENT-336-061423	06/14/2023	320-101646-3	R-PSDA	4.6	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-061423	06/14/2023	320-101646-3	Hydrolyzed PSDA	27	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-061423	06/14/2023	320-101646-3	R-EVE	3.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-062923	06/29/2023	320-102205-3	R-PSDA	2.8	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-062923	06/29/2023	320-102205-3	Hydrolyzed PSDA	17	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-062923	06/29/2023	320-102205-3	R-EVE	1.9	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-8	R-PSDA	4.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-8	Hydrolyzed PSDA	28	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-8	R-EVE	2.6	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-061423	06/14/2023	320-101646-1	R-PSDA	1.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-061423	06/14/2023	320-101646-1	Hydrolyzed PSDA	9.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-061423	06/14/2023	320-101646-1	R-EVE	0.69	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-062923	06/29/2023	320-102205-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-062923	06/29/2023	320-102205-1	Hydrolyzed PSDA	6.6	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-062923	06/29/2023	320-102205-1	R-EVE	0.51	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-19-040923	04/09/2023	320-98841-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-19-040923	04/09/2023	320-98841-1	Hydrolyzed PSDA	5.6	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-19-040923	04/09/2023	320-98841-1	R-EVE	0.60	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-204-040923	04/09/2023	320-98819-3	R-PSDA	9.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-204-040923	04/09/2023	320-98819-3	Hydrolyzed PSDA	51	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-204-040923	04/09/2023	320-98819-3	R-EVE	5.5	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-042823	04/28/2023	320-99693-4	R-PSDA	4.9	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-042823	04/28/2023	320-99693-4	Hydrolyzed PSDA	29	UG/L	PQL		0.076	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-336-042823	04/28/2023	320-99693-4	R-EVE	3.5	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-042823-D	04/28/2023	320-99693-3	R-PSDA	5.4	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-042823-D	04/28/2023	320-99693-3	Hydrolyzed PSDA	30	UG/L	PQL		0.076	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-042823-D	04/28/2023	320-99693-3	R-EVE	3.7	UG/L	PQL		0.14	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-051523	05/15/2023	320-100360-3	R-PSDA	5.2	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-051523	05/15/2023	320-100360-3	Hydrolyzed PSDA	43	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-051523	05/15/2023	320-100360-3	R-EVE	4.4	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-1	R-PSDA	1.6	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-1	Hydrolyzed PSDA	11	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-1	R-EVE	0.81	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-204-040923	04/09/2023	320-98819-4	R-PSDA	0.15	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-204-040923	04/09/2023	320-98819-4	Hydrolyzed PSDA	1.0	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-204-040923	04/09/2023	320-98819-4	R-EVE	0.083	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-042823	04/28/2023	320-99693-5	R-PSDA	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-042823	04/28/2023	320-99693-5	Hydrolyzed PSDA	0.099	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-042823	04/28/2023	320-99693-5	R-EVE	0.0068	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-051523	05/15/2023	320-100360-4	R-PSDA	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-051523	05/15/2023	320-100360-4	Hydrolyzed PSDA	0.073	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-051523	05/15/2023	320-100360-4	R-EVE	0.0087	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-053023	05/30/2023	320-100943-8	R-PSDA	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-053023	05/30/2023	320-100943-8	Hydrolyzed PSDA	0.074	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-053023	05/30/2023	320-100943-8	R-EVE	0.0084	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-061423	06/14/2023	320-101646-4	R-PSDA	0.0046	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-336-061423	06/14/2023	320-101646-4	Hydrolyzed PSDA	0.027	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-061423	06/14/2023	320-101646-4	R-EVE	0.0034	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-062923	06/29/2023	320-102205-4	R-PSDA	0.0076	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-062923	06/29/2023	320-102205-4	Hydrolyzed PSDA	0.045	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-062923	06/29/2023	320-102205-4	R-EVE	0.0055	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-6	R-PSDA	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-6	Hydrolyzed PSDA	0.087	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-6	R-EVE	0.0095	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-7	R-PSDA	0.0078	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-7	Hydrolyzed PSDA	0.050	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-7	R-EVE	0.0064	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-204-040923	04/09/2023	320-98819-2	Hydrolyzed PSDA	0.0097	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-042823	04/28/2023	320-99693-2	R-PSDA	0.0053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-042823	04/28/2023	320-99693-2	Hydrolyzed PSDA	0.044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-042823	04/28/2023	320-99693-2	R-EVE	0.0021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-051523	05/15/2023	320-100360-2	Hydrolyzed PSDA	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-053023	05/30/2023	320-100943-7	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-053023	05/30/2023	320-100943-7	Hydrolyzed PSDA	0.095	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-053023	05/30/2023	320-100943-7	R-EVE	0.0065	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-061423	06/14/2023	320-101646-2	R-PSDA	0.0086	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-061423	06/14/2023	320-101646-2	Hydrolyzed PSDA	0.070	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-061423	06/14/2023	320-101646-2	R-EVE	0.0057	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-062923	06/29/2023	320-102205-2	R-PSDA	0.0054	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-A-EFFLUENT-336-062923	06/29/2023	320-102205-2	Hydrolyzed PSDA	0.051	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-062923	06/29/2023	320-102205-2	R-EVE	0.0040	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-19-040923	04/09/2023	320-98841-2	Hydrolyzed PSDA	0.0061	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-2	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-2	Hydrolyzed PSDA	0.10	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-2	R-EVE	0.0063	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-2	R-PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-2	Hydrolyzed PSDA	0.098	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-2	R-EVE	0.0080	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-204-040923	04/09/2023	320-98819-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-204-040923	04/09/2023	320-98819-1	Hydrolyzed PSDA	4.7	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-204-040923	04/09/2023	320-98819-1	R-EVE	0.64	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-318-042823	04/28/2023	320-99693-1	R-PSDA	0.83	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-318-042823	04/28/2023	320-99693-1	Hydrolyzed PSDA	3.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-318-042823	04/28/2023	320-99693-1	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-051523	05/15/2023	320-100360-1	R-PSDA	1.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-051523	05/15/2023	320-100360-1	Hydrolyzed PSDA	6.5	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-051523	05/15/2023	320-100360-1	R-EVE	0.54	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-061423	06/14/2023	320-101646-5	R-PSDA	0.46	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-061423	06/14/2023	320-101646-5	Hydrolyzed PSDA	0.57	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-061423	06/14/2023	320-101646-5	R-EVE	0.42	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-062923	06/29/2023	320-102205-5	R-PSDA	0.28	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-062923	06/29/2023	320-102205-5	Hydrolyzed PSDA	0.26	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-C-INFLUENT-336-062923	06/29/2023	320-102205-5	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-3	R-PSDA	0.28	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-3	Hydrolyzed PSDA	0.35	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-20-040923	04/09/2023	320-98841-3	R-EVE	0.28	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-8	R-PSDA	4.9	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-8	Hydrolyzed PSDA	31	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-8	R-EVE	3.7	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-4	Hydrolyzed PSDA	0.0023	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-4	R-PSDA	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-4	Hydrolyzed PSDA	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-RAIN-24-052823	05/28/2023	320-100953-4	R-EVE	0.0020	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-204-040923	04/09/2023	320-98819-5	R-PSDA	0.74	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-204-040923	04/09/2023	320-98819-5	Hydrolyzed PSDA	0.71	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-204-040923	04/09/2023	320-98819-5	R-EVE	0.57	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-042823	04/28/2023	320-99693-6	R-PSDA	0.29	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-042823	04/28/2023	320-99693-6	Hydrolyzed PSDA	0.27	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-042823	04/28/2023	320-99693-6	R-EVE	0.23	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-051523	05/15/2023	320-100360-5	R-PSDA	0.46	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-051523	05/15/2023	320-100360-5	Hydrolyzed PSDA	0.70	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-051523	05/15/2023	320-100360-5	R-EVE	0.34	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-061423	06/14/2023	320-101646-7	R-PSDA	0.72	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-061423	06/14/2023	320-101646-7	Hydrolyzed PSDA	1.6	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-061423	06/14/2023	320-101646-7	R-EVE	0.60	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-D-INFLUENT-336-062923	06/29/2023	320-102205-7	R-PSDA	0.67	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-062923	06/29/2023	320-102205-7	Hydrolyzed PSDA	1.5	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-062923	06/29/2023	320-102205-7	R-EVE	0.57	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-062923-D	06/29/2023	320-102205-8	R-PSDA	0.66	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-062923-D	06/29/2023	320-102205-8	Hydrolyzed PSDA	1.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-062923-D	06/29/2023	320-102205-8	R-EVE	0.57	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-21-040923	04/09/2023	320-98841-5	R-PSDA	0.50	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-21-040923	04/09/2023	320-98841-5	Hydrolyzed PSDA	1.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-21-040923	04/09/2023	320-98841-5	R-EVE	0.46	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-5	R-PSDA	0.80	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-5	Hydrolyzed PSDA	1.7	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-5	R-EVE	0.68	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-204-040923	04/09/2023	320-98819-7	R-PSDA	0.87	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-204-040923	04/09/2023	320-98819-7	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-204-040923	04/09/2023	320-98819-7	R-EVE	0.71	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-042823	04/28/2023	320-99693-8	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-042823	04/28/2023	320-99693-8	Hydrolyzed PSDA	0.58	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-042823	04/28/2023	320-99693-8	R-EVE	0.25	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-051523	05/15/2023	320-100360-7	Hydrolyzed PSDA	1.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-3	R-PSDA	0.55	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-3	Hydrolyzed PSDA	0.66	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-3	R-EVE	0.52	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-6	R-PSDA	0.0071	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-D-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-6	Hydrolyzed PSDA	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-RAIN-24-062123	06/21/2023	320-101847-6	R-EVE	0.0090	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-061423	06/14/2023	320-101646-8	R-PSDA	0.0053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-061423	06/14/2023	320-101646-8	Hydrolyzed PSDA	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-061423	06/14/2023	320-101646-8	R-EVE	0.0063	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-062923	06/29/2023	320-102205-9	R-PSDA	0.0057	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-062923	06/29/2023	320-102205-9	Hydrolyzed PSDA	0.013	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-062923	06/29/2023	320-102205-9	R-EVE	0.0075	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 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-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PMPA	40	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	Hfpo Dimer Acid	41	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PMPA	43	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	Hfpo Dimer Acid	44	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PMPA	12	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	Hfpo Dimer Acid	15	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PMPA	12	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	Hfpo Dimer Acid	15	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	R-PSDA	6.8	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	Hydrolyzed PSDA	40	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	R-PSDCA	0.13	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	R-EVE	4.5	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PEPA	27	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PS Acid	2.5	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFO2HxA	18	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFO3OA	3.0	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFO4DA	1.2	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFO5DA	0.53	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	PFMOAA	49	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	EVE Acid	2.2	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	Hydro-PS Acid	2.2	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	Hydro-EVE Acid	3.9	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-053023	05/30/2023	320-100943-2	NVHOS, Acid Form	3.1	UG/L	PQL		0.015	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-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	R-PSDA	1.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	Hydrolyzed PSDA	9.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	R-PSDCA	0.021	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	R-EVE	0.73	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PEPA	5.4	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PS Acid	0.22	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFO2HxA	21	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFO3OA	5.9	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFO4DA	2.4	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFO5DA	1.3	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	PFMOAA	38	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	EVE Acid	0.037	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	Hydro-PS Acid	0.50	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	Hydro-EVE Acid	0.52	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-1	NVHOS, Acid Form	0.61	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	R-PSDA	1.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	Hydrolyzed PSDA	8.5	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	R-PSDCA	0.018	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	R-EVE	0.67	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PEPA	5.4	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PS Acid	0.26	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFO2HxA	20	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFO3OA	5.5	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: 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-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFO4DA	2.5	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFO5DA	1.3	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	PFMOAA	37	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	EVE Acid	0.047	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	Hydro-PS Acid	0.48	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	Hydro-EVE Acid	0.52	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-053023	05/30/2023	320-100943-1	NVHOS, Acid Form	0.57	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFO2HxA	16	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFO3OA	4.3	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFO4DA	1.4	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFO5DA	0.094	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PFMOAA	34	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	R-PSDA	0.89	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PMPA	6.0	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	Hfpo Dimer Acid	12	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	Hydro-PS Acid	0.24	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	Hydro-EVE Acid	0.82	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	NVHOS, Acid Form	0.40	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFMOAA	32	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	R-EVE	0.51	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PEPA	1.8	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFO2HxA	15	ug/L	PQL		0.027	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-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFO3OA	4.1	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PFO4DA	1.5	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	R-PSDA	0.54	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	Hydrolyzed PSDA	0.74	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	PMPA	5.4	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-053023	05/30/2023	320-100943-3	Hfpo Dimer Acid	11	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	R-PSDA	6.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	Hydrolyzed PSDA	37	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	R-PSDCA	0.12	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	R-EVE	4.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PEPA	24	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PS Acid	2.2	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFO2HxA	18	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFO3OA	2.6	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFO4DA	1.0	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFO5DA	0.45	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	PFMOAA	44	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	EVE Acid	2.1	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	Hydro-PS Acid	2.1	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	Hydro-EVE Acid	3.7	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-7	NVHOS, Acid Form	2.8	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	Hydro-PS Acid	0.28	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	Hydro-EVE Acid	0.94	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: 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-D-INFLUENT-336-053023	05/30/2023	320-100943-4	NVHOS, Acid Form	0.53	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFO2HxA	17	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFO3OA	5.0	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFO4DA	1.5	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFO5DA	0.20	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PFMOAA	39	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	R-EVE	0.69	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PEPA	2.2	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	R-PSDA	0.80	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	PMPA	6.2	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-053023	05/30/2023	320-100943-4	Hfpo Dimer Acid	12	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	R-EVE	0.78	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	PEPA	2.0	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-051523	05/15/2023	320-100360-7	PFO3OA	5.2	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	Hydro-PS Acid	0.25	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	Hydro-EVE Acid	0.84	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-052823	05/28/2023	320-100953-3	NVHOS, Acid Form	0.42	UG/L	PQL		0.015	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-B-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-7	R-PSDA	0.0037	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-7	Hydrolyzed PSDA	0.032	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-7	R-EVE	0.0030	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-RAIN-20-040923	04/09/2023	320-98841-7	PFMOAA	0.073	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-062123	06/21/2023	320-101847-8	PFMOAA	60	ug/L	PQL		0.080	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-062923	06/29/2023	320-102206-8	Total Suspended Solids	1.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-D-INFLUENT-TSS-053023	05/30/2023	320-100944-4	Total Suspended Solids	3.2	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-B-EFFLUENT-TSS-042823	04/28/2023	320-99695-6	Total Suspended Solids	1.6	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-C-EFFLUENT-TSS-051623	05/16/2023	320-100359-7	Total Suspended Solids	2.0	MG/L	MDL	1.1	4.0	J	SM 2540 D		
SEEP-B-EFFLUENT-TSS-062923	06/29/2023	320-102206-6	Total Suspended Solids	2.0	MG/L	MDL	1.1	4.0	J	SM 2540 D		

ADQM Data Review

Site: Chemours Fayetteville

Project: CAP MW/GW Sampling 2023 (select locations)

Project Reviewer: Michael Aucoin

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
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
CAP2Q23-SMW-10-051723	320-100611-1	Groundwater	N	05/17/2023	15:50	FS
CAP2Q23-OW-33-051823	320-100611-2	Groundwater	N	05/18/2023	11:15	FS
CAP2Q23-SMW-12-051723	320-100611-3	Groundwater	N	05/17/2023	12:47	FS
CAP2Q23-SMW-12-051723-D	320-100611-4	Groundwater	N	05/17/2023	12:47	DUP
CAP2Q23-LTW-02-051723	320-100611-5	Groundwater	N	05/17/2023	13:25	FS
CAP2Q23-EQBLK-IS-051723	320-100611-6	Blank Water	N	05/17/2023	09:30	EB
CAP2Q23-PIW-3D-051723	320-100611-7	Groundwater	N	05/17/2023	16:30	FS

CAP2Q23-LTW-01-051723	320-100611-8	Groundwater	N	05/17/2023	14:35	FS
CAP2Q23-EQBLK-DV-051723	320-100611-9	Blank Water	N	05/17/2023	09:45	EB
CAP2Q23-LTW-05-052223	320-100782-1	Groundwater	N	05/22/2023	12:57	FS
CAP2Q23-PIW-7S-052223	320-100782-2	Groundwater	N	05/22/2023	15:30	FS
CAP2Q23-PIW-7D-052223	320-100782-3	Groundwater	N	05/22/2023	14:10	FS
CAP2Q23-PIW-1D-052323	320-100782-4	Groundwater	N	05/23/2023	16:00	FS
CAP2Q23-LTW-03-052323	320-100782-5	Groundwater	N	05/23/2023	11:30	FS
CAP2Q23-PZ-22-052323	320-100782-6	Groundwater	N	05/23/2023	14:40	FS
CAP2Q23-LTW-04-052323	320-100782-7	Groundwater	N	05/23/2023	13:45	FS
CAP2Q23-PW-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
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-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

* 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 MW Sampling 3Q23
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 3Q23
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)	CAP GW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 2Q23
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP MW Sampling 1Q23

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		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 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 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	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
CAP3Q23-OW-30-071323-Z	07/13/2023	320-102712-11	Perfluorooctadecanoic Acid	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 MW Sampling 2Q23 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-EQBLK-DV-051723	05/17/2023	320-100611-9	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-05-052223	05/22/2023	320-100782-1	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
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

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 MW Sampling 2Q23 **Validation Options:** LABSTATS

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

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

Site: Fayetteville **Sampling Program:** CAP MW Sampling 2Q23 **Validation Options:** LABSTATS

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

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

Site: Fayetteville **Sampling Program:** CAP MW 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	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-EQBLK-IS-051723	05/17/2023	320-100611-6	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
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

Site: Fayetteville **Sampling Program:** CAP MW 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	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	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-01-051723	05/17/2023	320-100611-8	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW Sampling 2Q23 **Validation Options:** LABSTATS

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

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

Site: Fayetteville **Sampling Program:** CAP MW 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	DONA	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-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	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW Sampling 2Q23 **Validation Options:** LABSTATS

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

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

Site: Fayetteville **Sampling Program:** CAP MW 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	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-OW-33-051823	05/18/2023	320-100611-2	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	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	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-PIW-3D-051723	05/17/2023	320-100611-7	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
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	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	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW Sampling 2Q23 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutanoic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
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

Site: Fayetteville **Sampling Program:** CAP MW 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	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-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-D	05/17/2023	320-100611-4	Perfluorobutane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroheptane Sulfonic Acid (PFHpS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotetradecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-ethylperfluoro-1-octanesulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorohexadecanoic Acid (PFHxDA)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorononanesulfonic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorotridecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctane Sulfonamide	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW 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	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-10-051723	05/17/2023	320-100611-1	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	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	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
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

Site: Fayetteville **Sampling Program:** CAP MW 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	9Cl-PF3ONS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	11Cl-PF3OUdS	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecane Sulfonic Acid (PFDoS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	DONA	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	10:2 Fluorotelomer sulfonate	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	PFOS	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoroundecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	0.0040	ug/L	PQL		0.0040	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	PFOA	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorodecane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	Perfluorohexane Sulfonic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluoropentane Sulfonic Acid (PFPeS)	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	6:2 Fluorotelomer sulfonate	0.0050	ug/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	0.0050	UG/L	PQL		0.0050	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorododecanoic Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	N-methyl perfluoro-1-octanesulfonamide	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW 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	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
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-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

Site: Fayetteville **Sampling Program:** CAP MW Sampling 1Q23 **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
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
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 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-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
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-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
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-04-072823	07/28/2023	320-103202-5	R-PSDA	0.078	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-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-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-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
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
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

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-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-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
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-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
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
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

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-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-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-01-071323	07/13/2023	320-102712-2	R-EVE	0.56	UG/L	PQL		0.029	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-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-24-071823	07/18/2023	320-102688-1	R-PSDA	2.1	UG/L	PQL		0.026	J	537 Modified		3535
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-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

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-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
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
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

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-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
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

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-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
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
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-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
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-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

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-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-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-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-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

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-33-071223	07/12/2023	320-102527-3	R-EVE	0.22	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
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
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-PSDA	0.38	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-PIW-1D-052323	05/23/2023	320-100782-4	R-EVE	0.20	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-PSDA	0.31	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-OW-28-052523	05/25/2023	320-100881-2	R-EVE	0.18	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-PSDA	0.95	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	Hydrolyzed PSDA	5.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-03-052323	05/23/2023	320-100782-5	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-PSDA	1.7	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-04-052323	05/23/2023	320-100782-7	Hydrolyzed PSDA	2.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-04-052323	05/23/2023	320-100782-7	R-EVE	1.5	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Hydrolyzed PSDA	0.69	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	R-EVE	0.58	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** CAP 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-LTW-01-071323	07/13/2023	320-102712-2	PFOS	0.011	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

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 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-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
CAP2Q23-SMW-12-051723-D	05/17/2023	320-100611-4	Perfluorobutanoic Acid	0.025	UG/L	PQL		0.0050	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
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-D	05/17/2023	320-100611-4	Perfluoropentanoic Acid	0.065	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-SMW-12-051723	05/17/2023	320-100611-3	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-10-051723	05/17/2023	320-100611-1	PFOS	0.024	UG/L	PQL		0.0020	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
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-PIW-7D-071123	07/11/2023	320-102509-3	PFO2HxA	42	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.

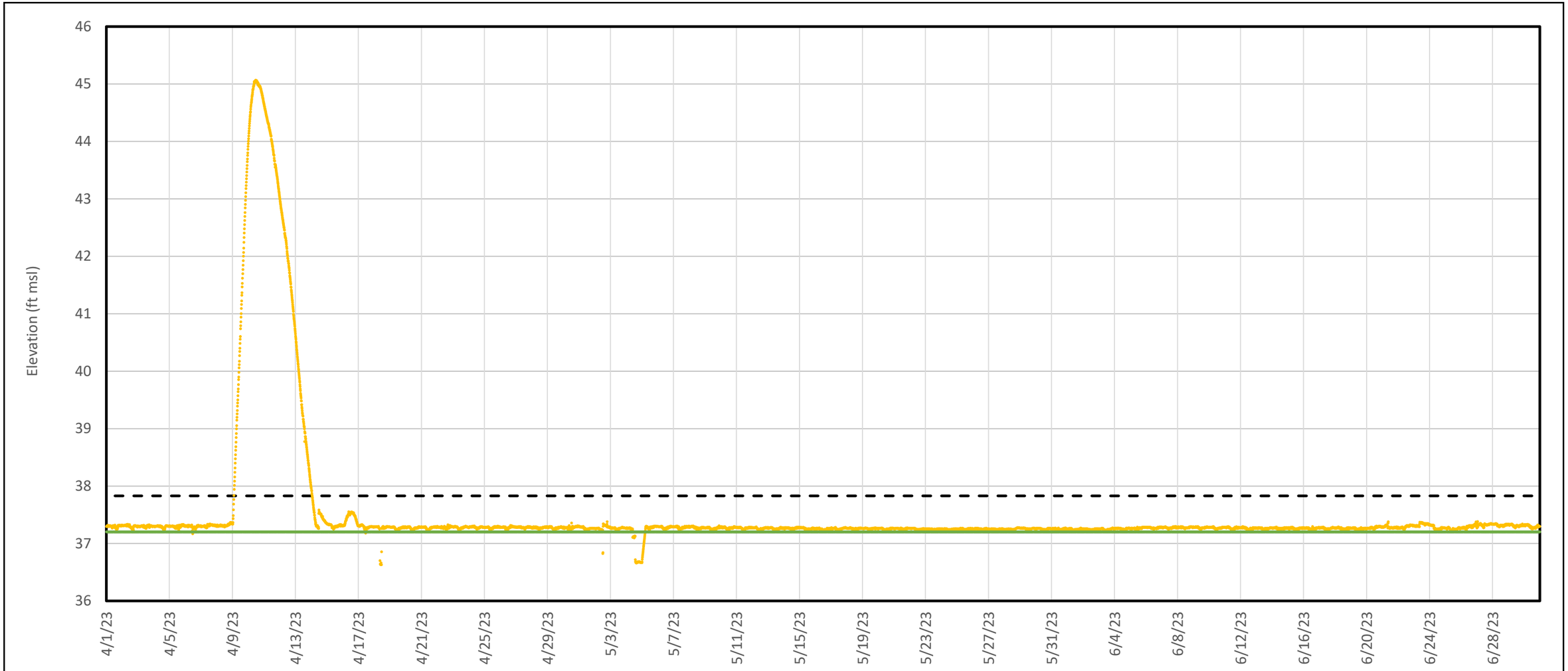
Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	PPF Acid	49	UG/L	PQL		0.63	J	537 Modified		3535
CAP3Q23-PIW-7D-071123	07/11/2023	320-102509-3	PFMOAA	140	ug/L	PQL		0.51	J	537 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
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	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	PFOA	0.043	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-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	Perfluorobutanoic Acid	0.060	UG/L	PQL		0.0050	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	Perfluorohexanoic Acid	0.010	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-OW-33-051823	05/18/2023	320-100611-2	Perfluoropentanoic Acid	0.12	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-02-051723	05/17/2023	320-100611-5	Perfluoroheptanoic Acid	0.011	UG/L	PQL		0.0020	J	537 Modified		3535
CAP2Q23-LTW-01-051723	05/17/2023	320-100611-8	Perfluorononanoic Acid	0.0023	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
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-02-051723	05/17/2023	320-100611-5	Perfluoropentanoic Acid	0.19	UG/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP MW 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-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-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

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

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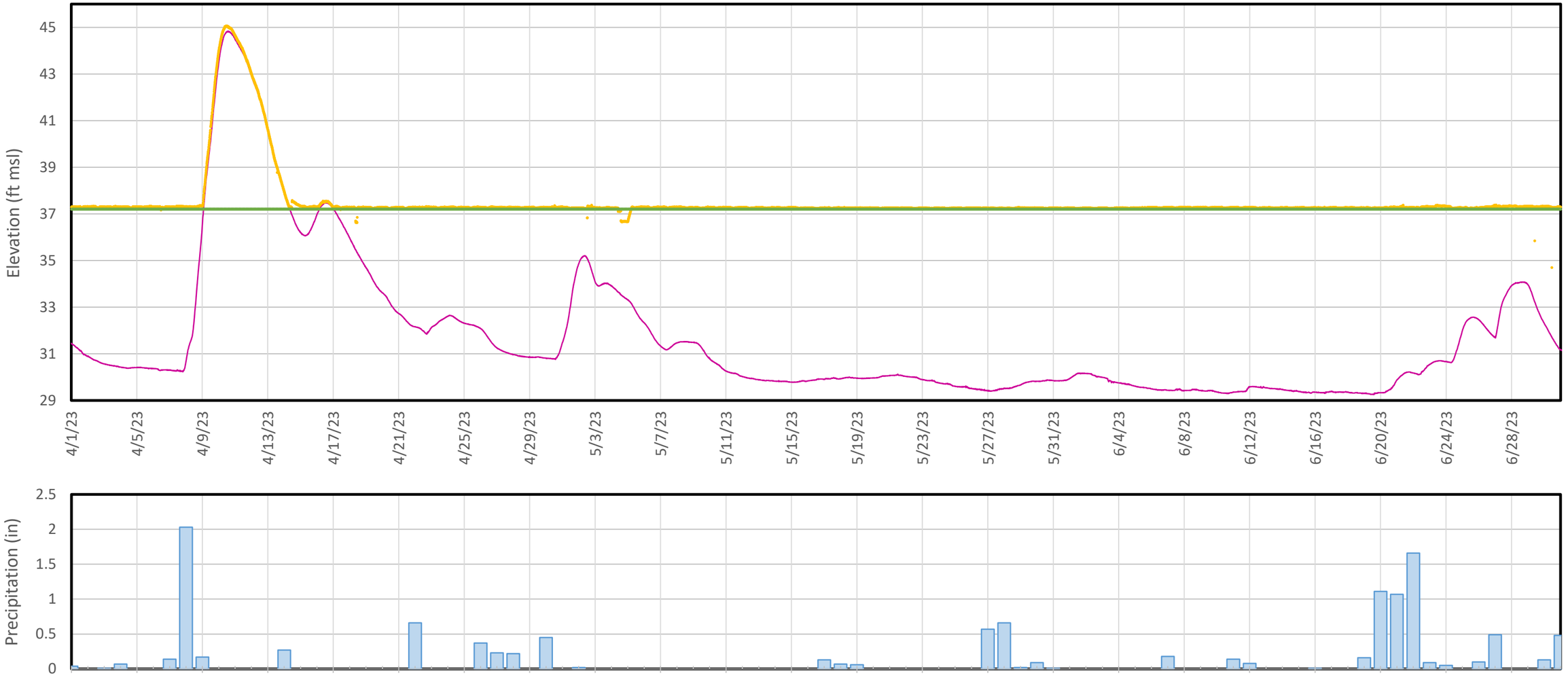
Figure B1-A



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

Geosyntec consultants

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

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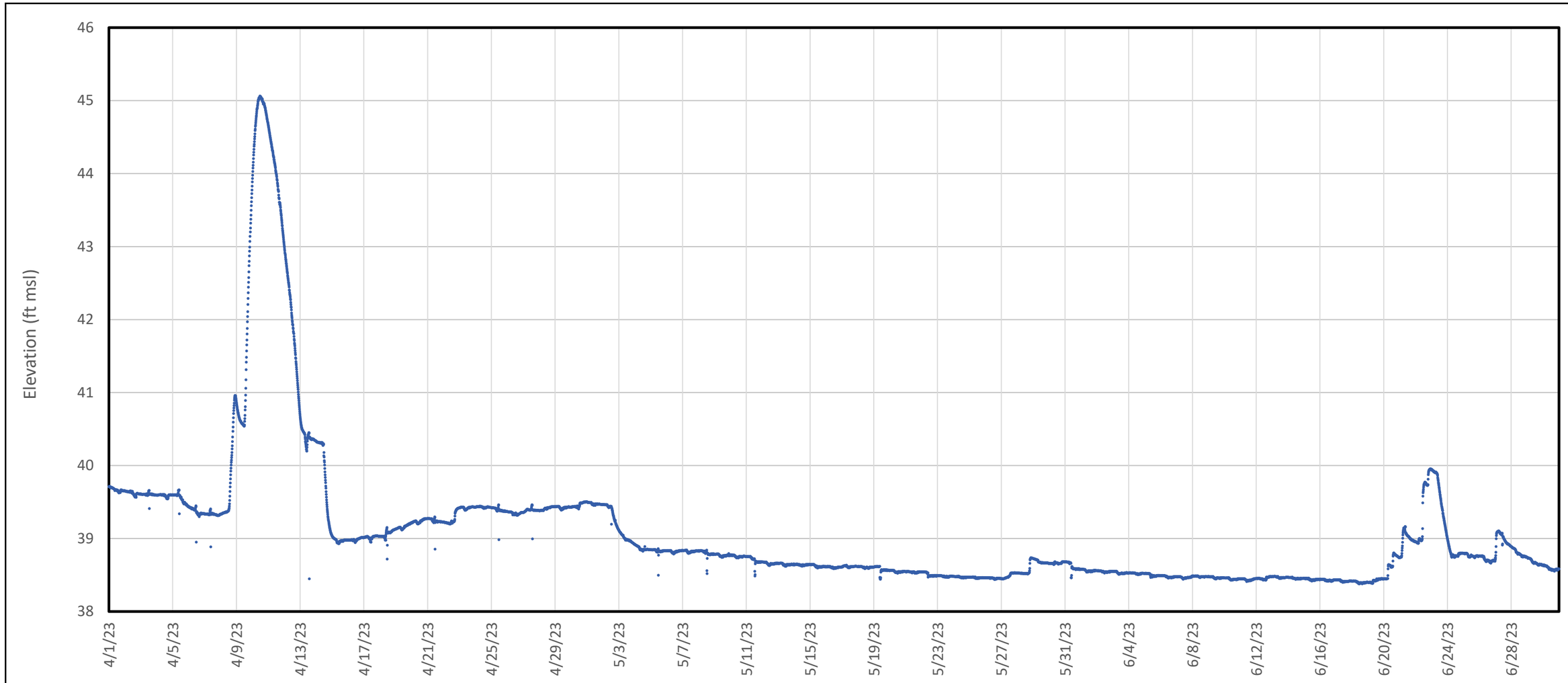
Figure B2-A



Legend

Influent 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

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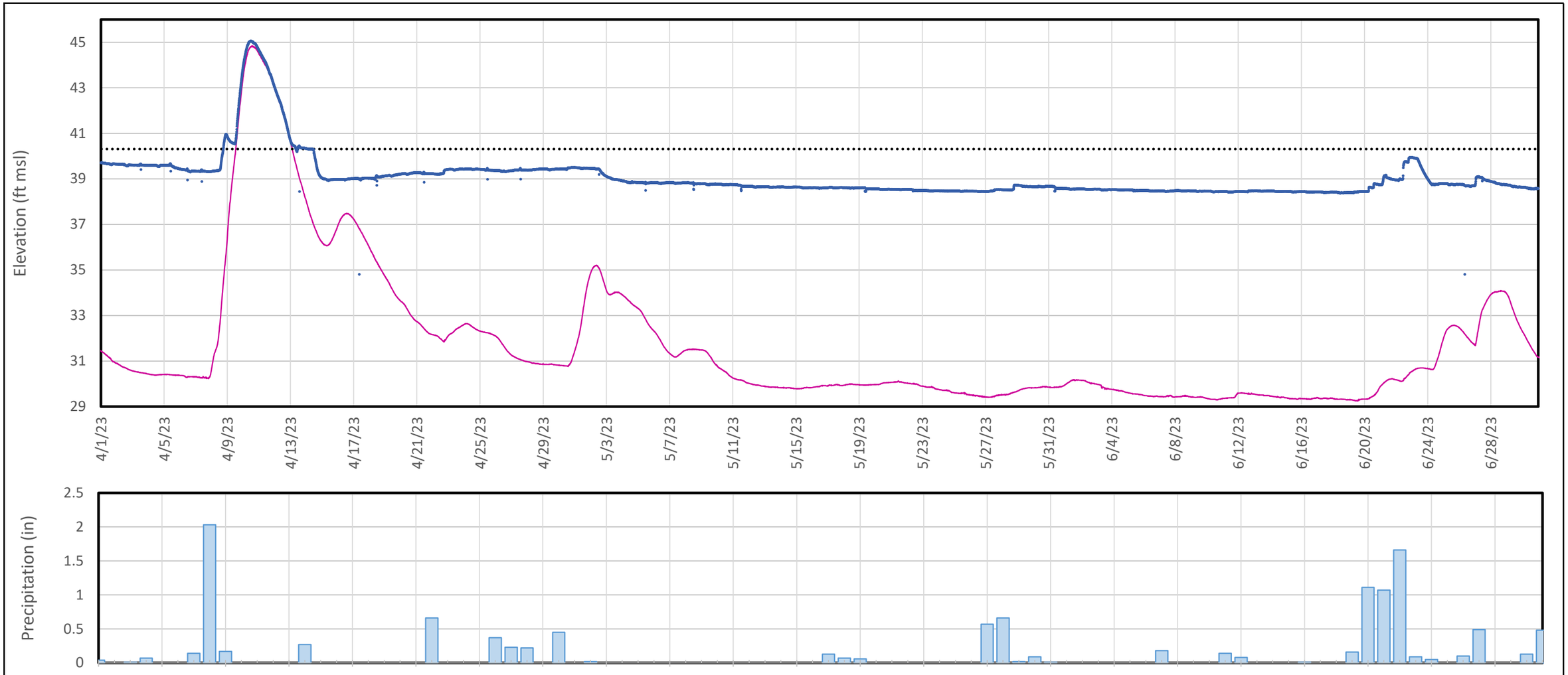
Figure B3-A



Legend

- Inlet Chamber Water Elevation
- River Stage
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)

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

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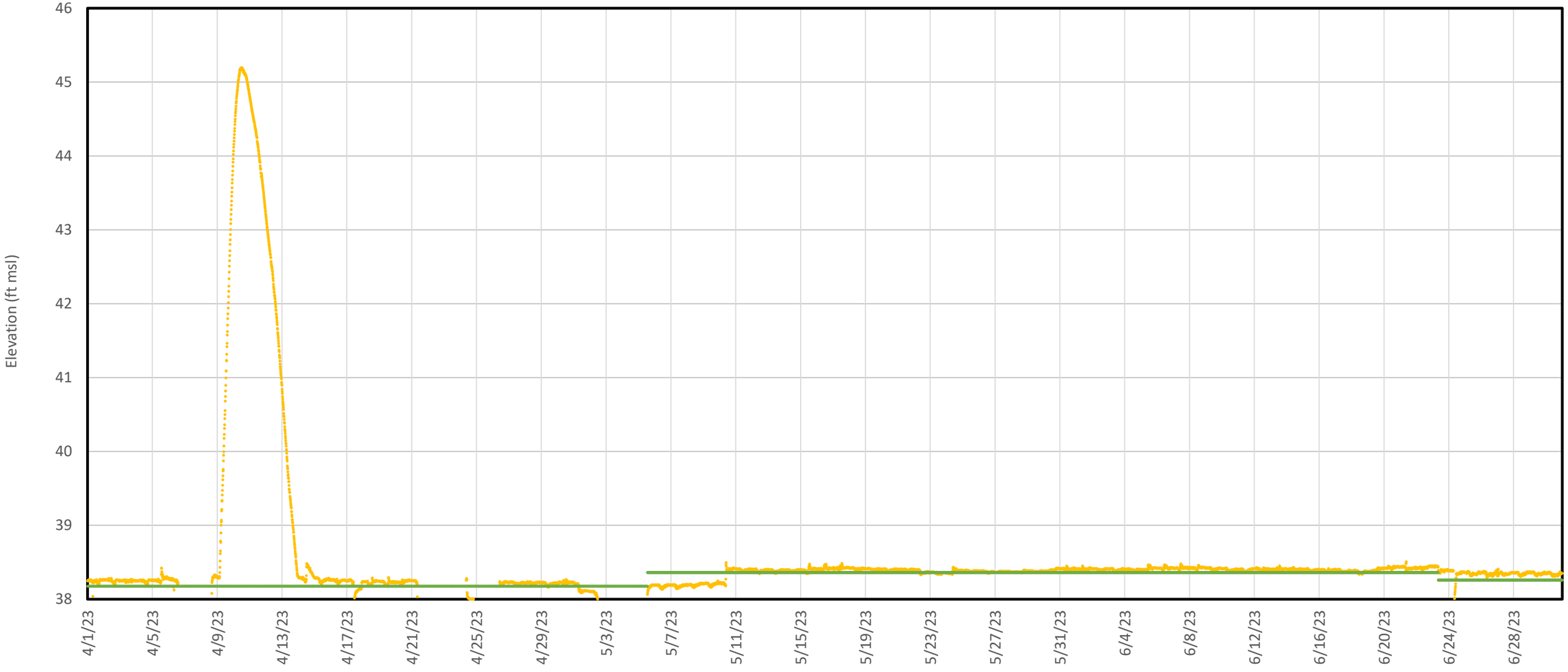
Figure B4-A



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

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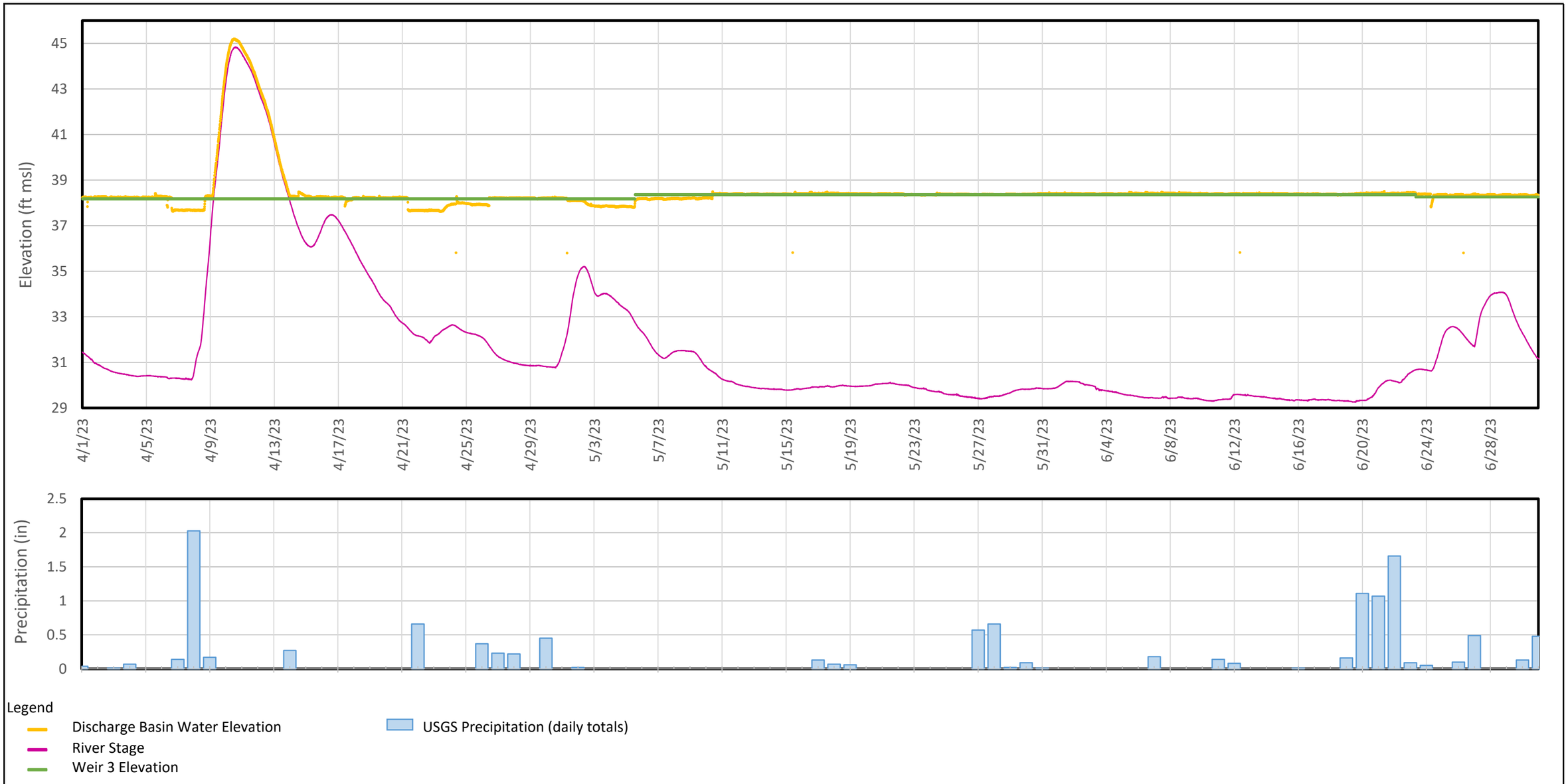
Figure B1-B



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-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

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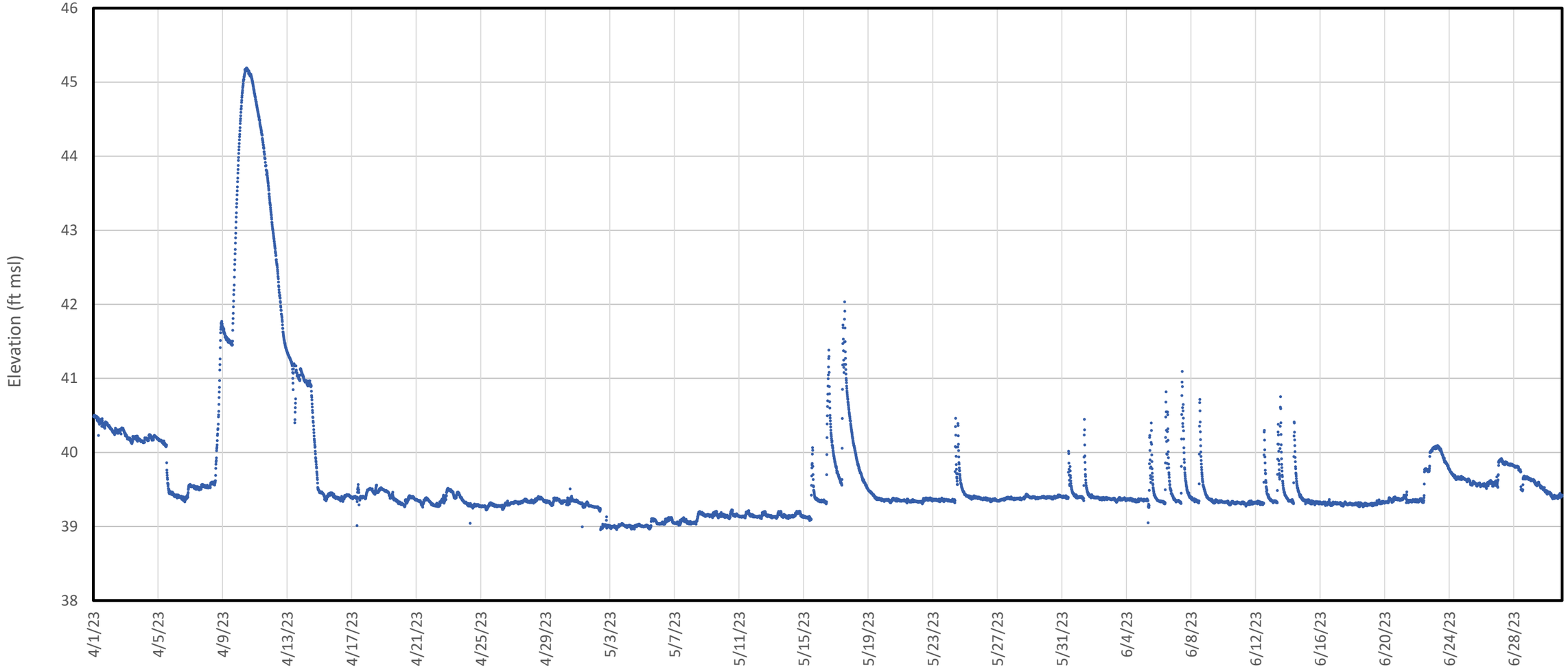
Figure B2-B



Legend

Influent 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

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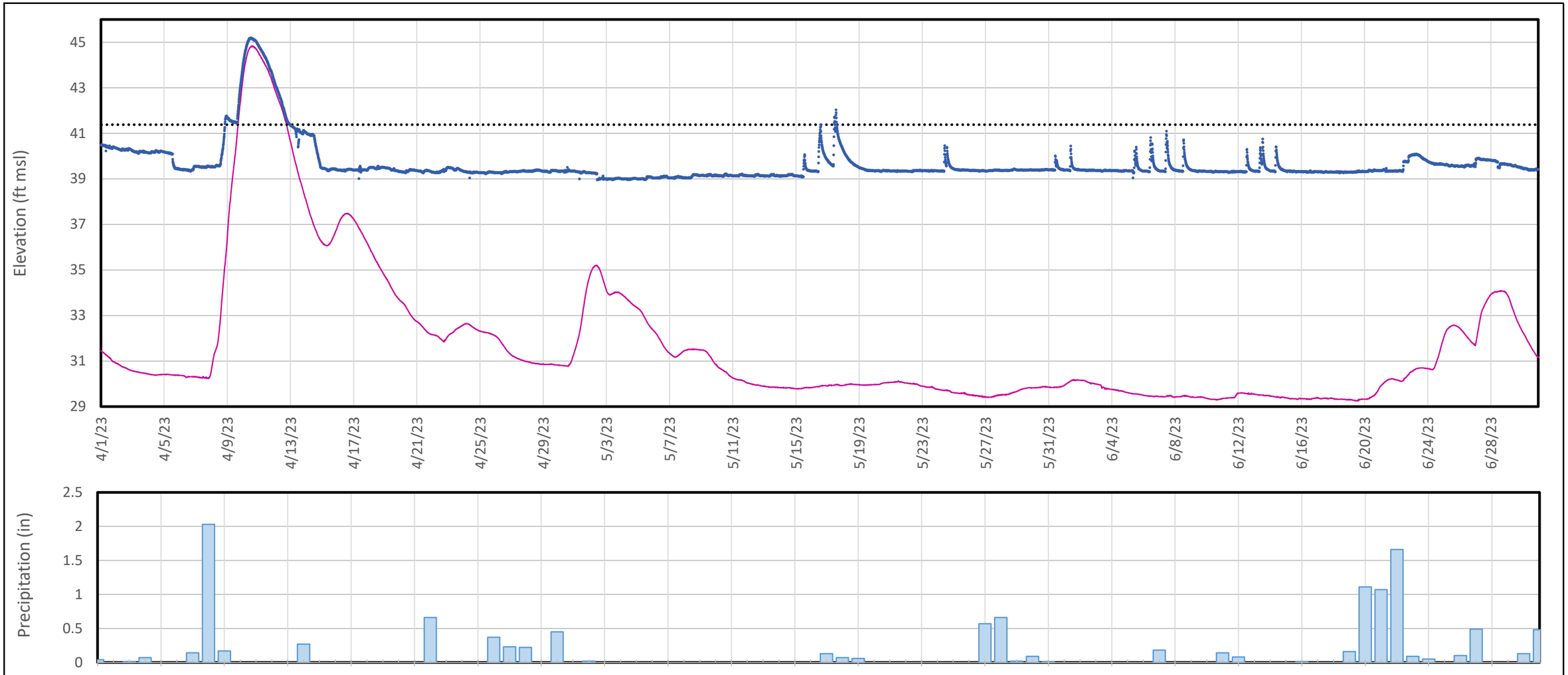
Figure B3-B



Legend

- Inlet Chamber Water Elevation
- River Stage
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)

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

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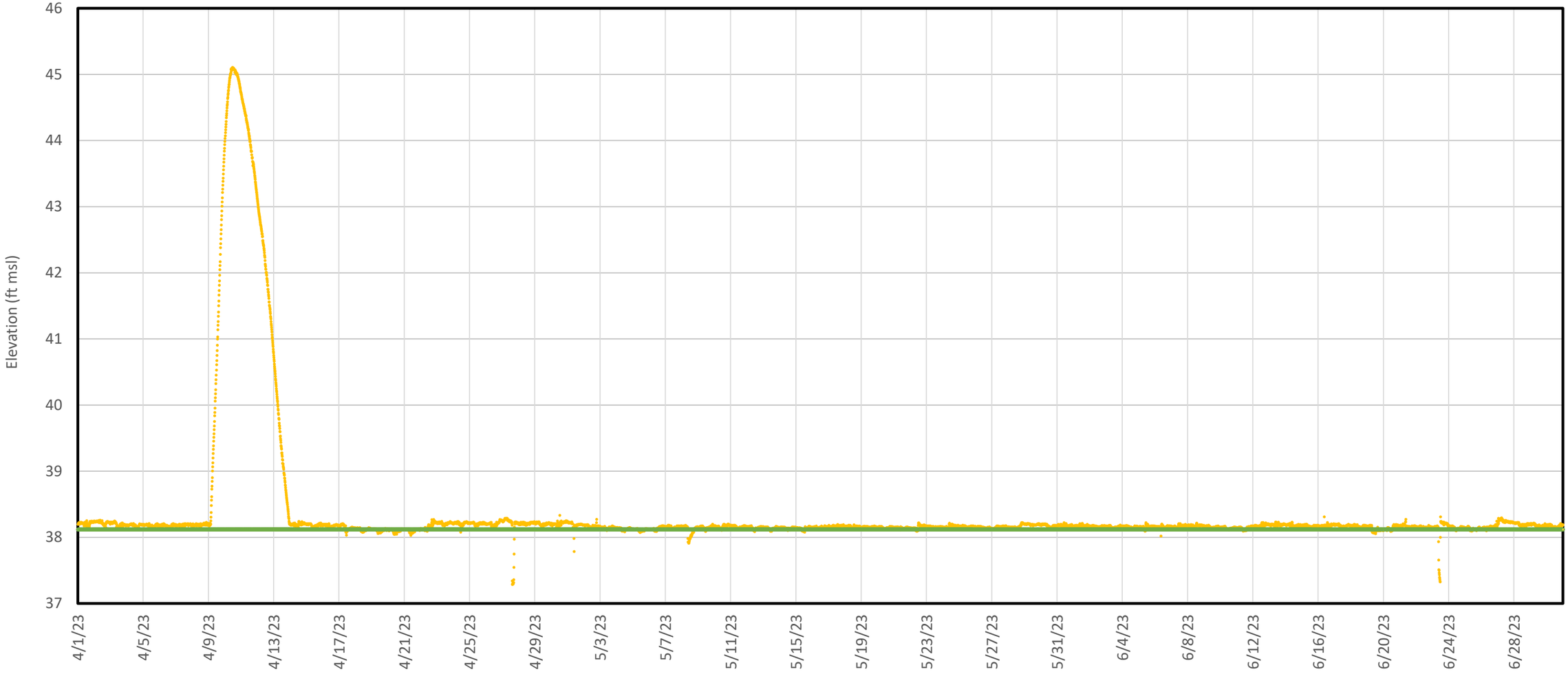
Figure B4-B



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

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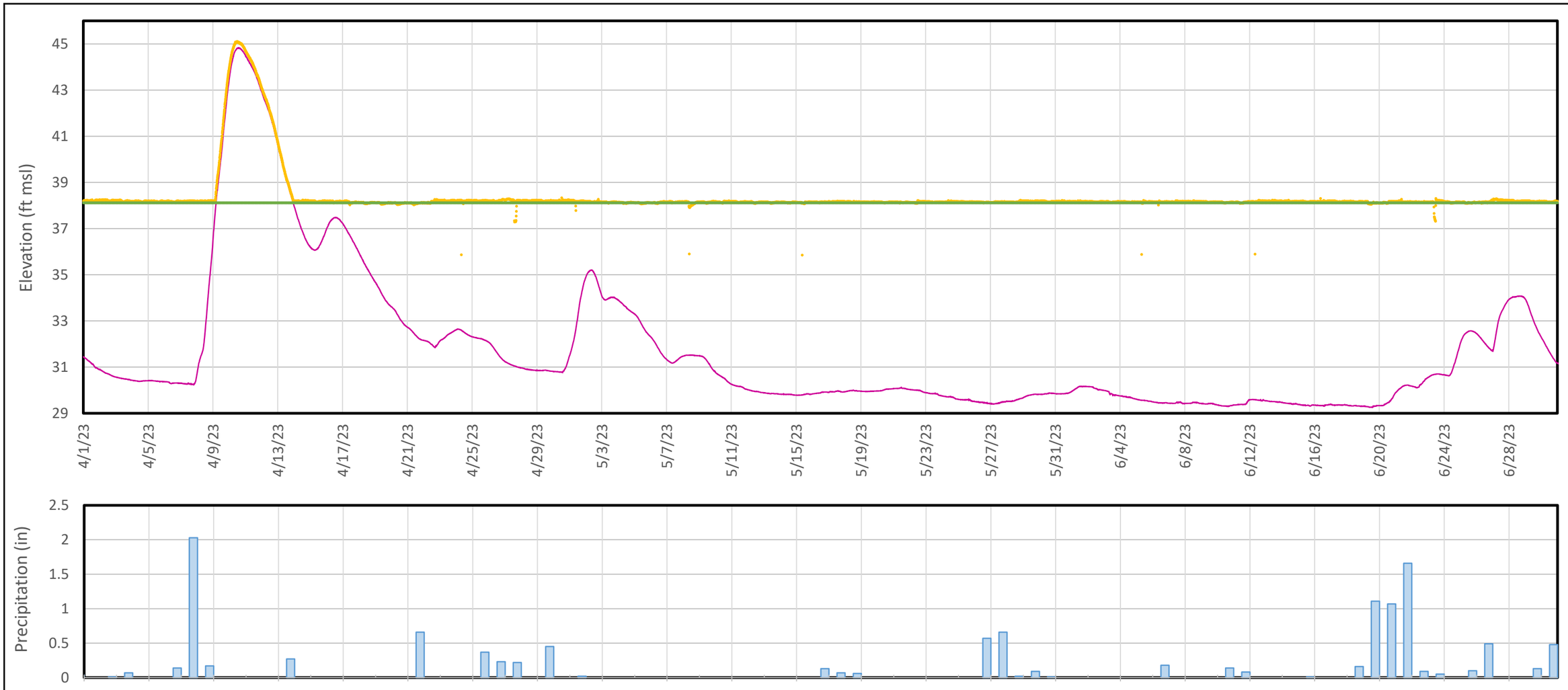
Figure B1-C



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

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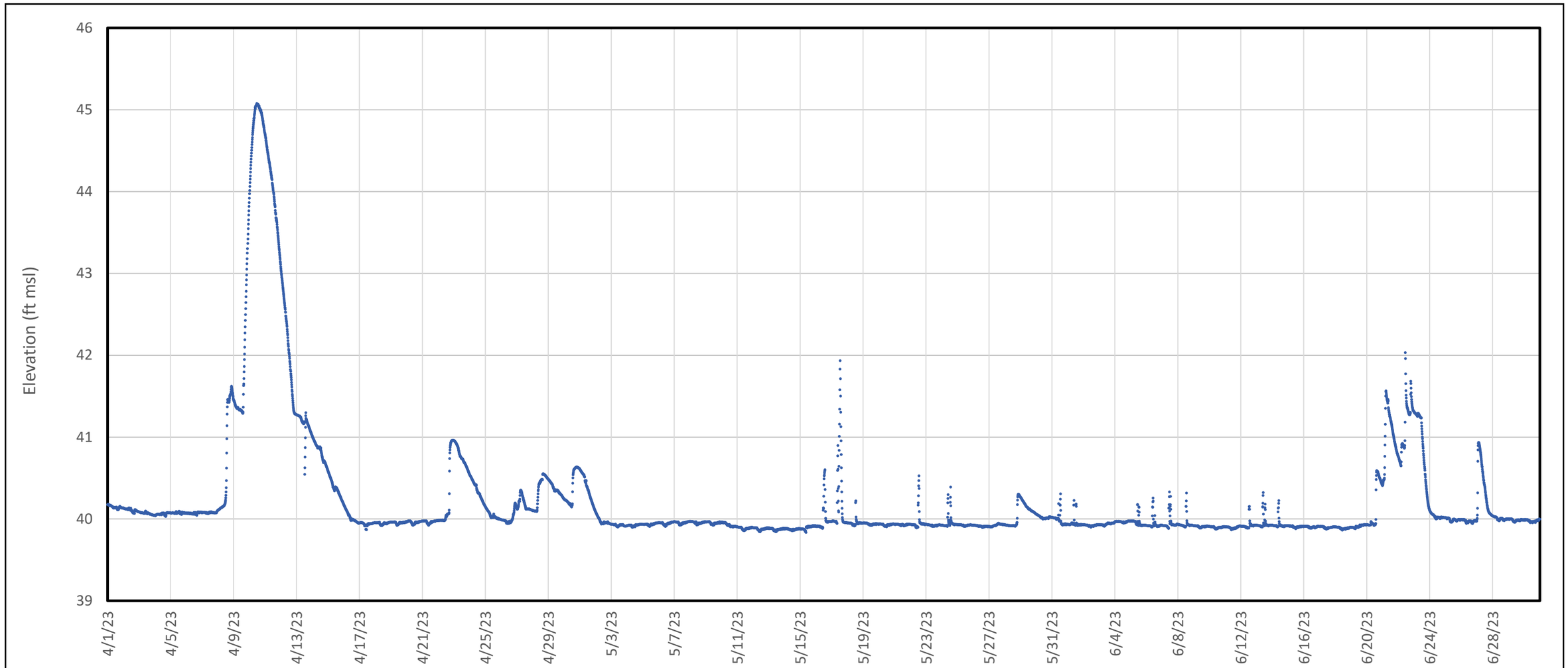
Figure B2-C



Legend

Influent 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

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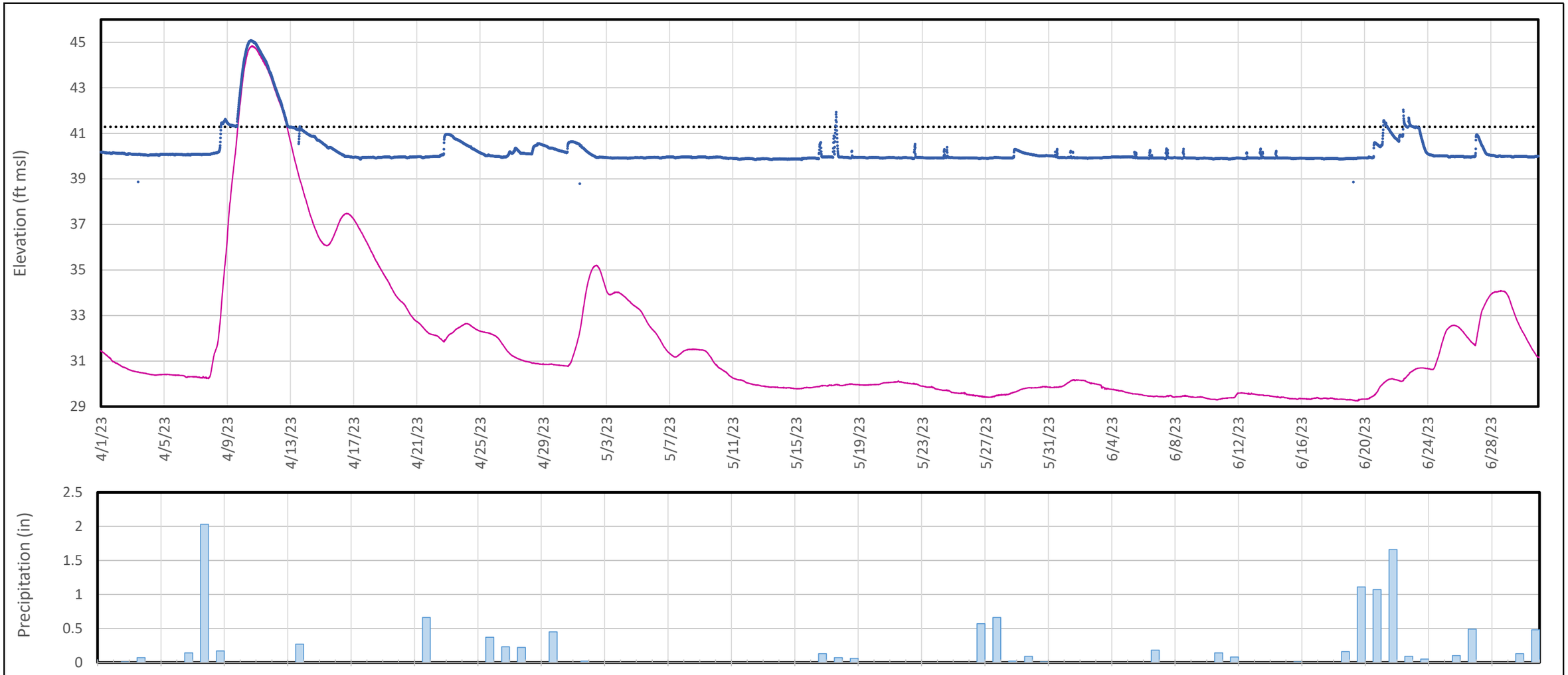
Figure B3-C



Legend

- Inlet Chamber Water Elevation
- River Stage
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)

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-C 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 C

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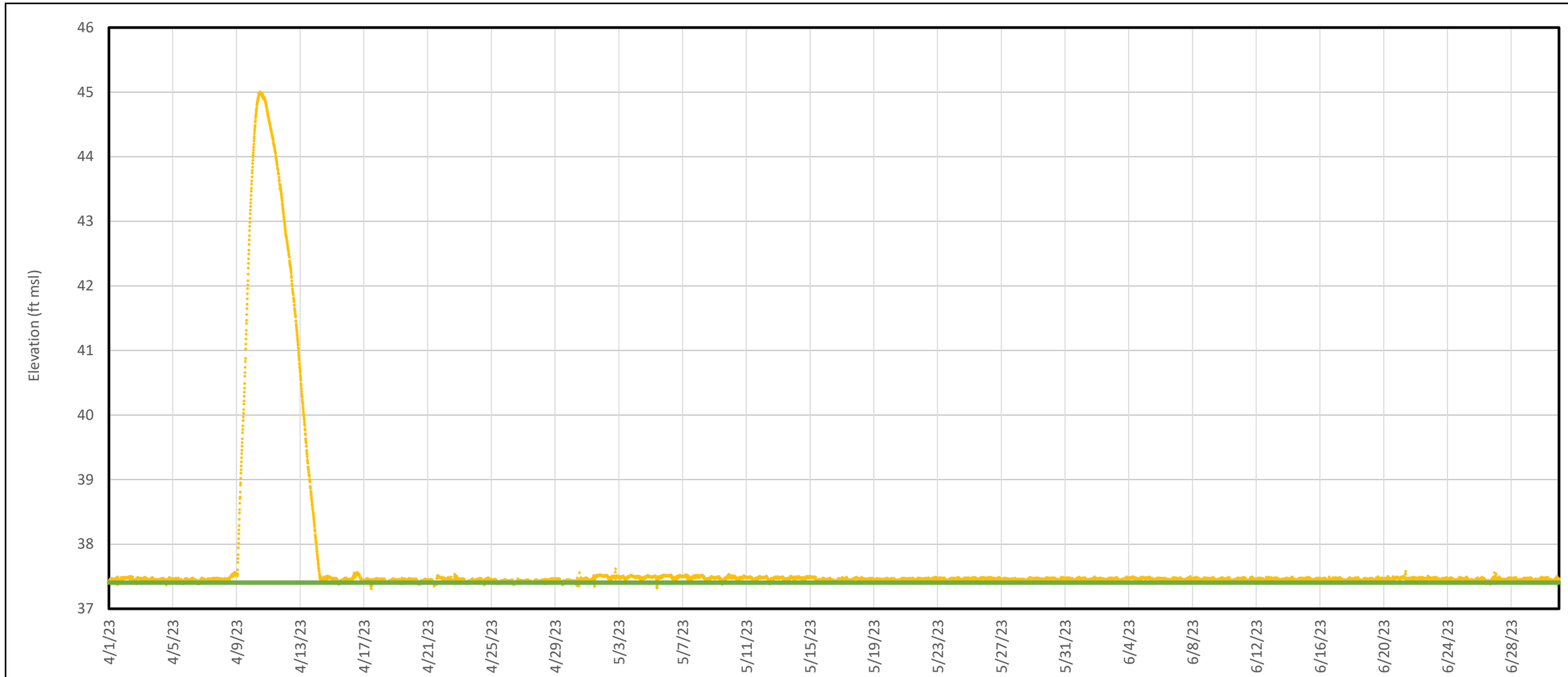
Figure B4-C



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

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Fayetteville, North Carolina

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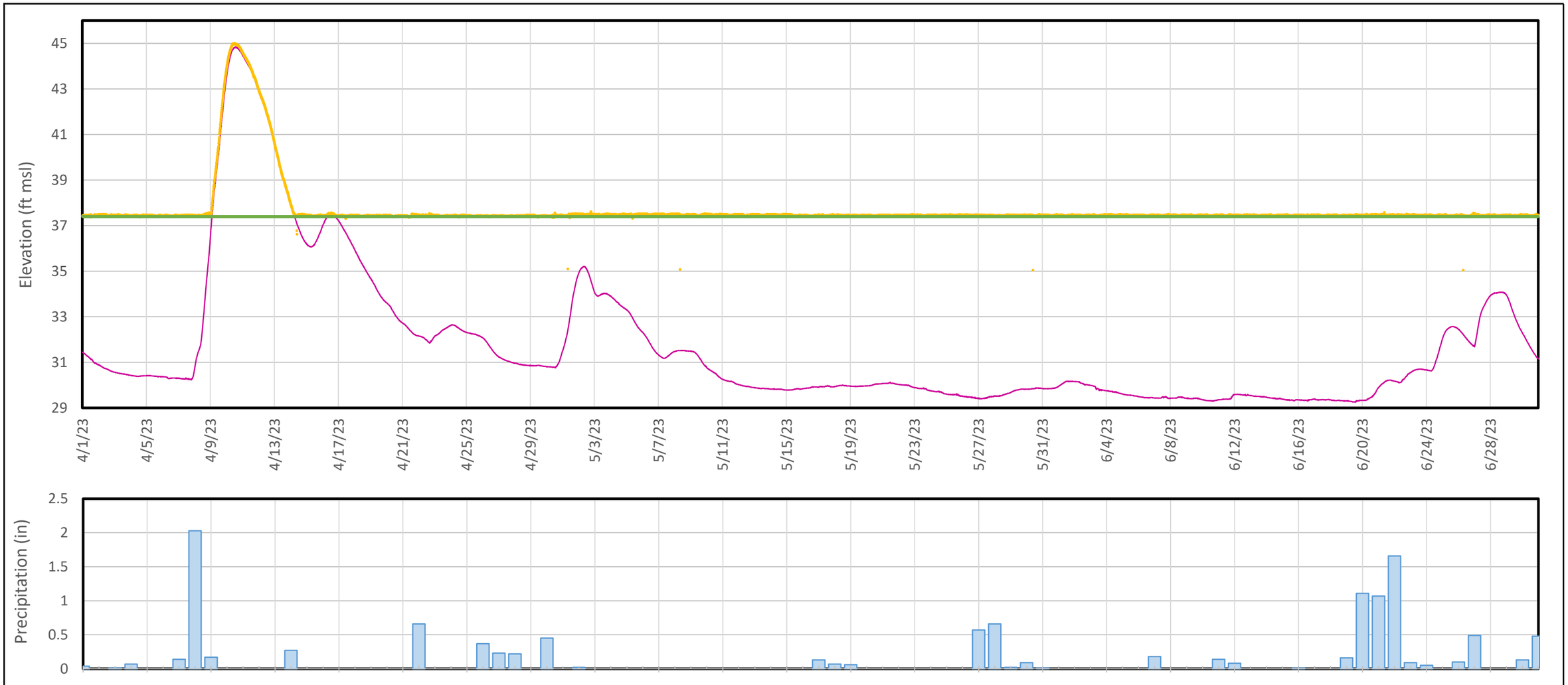
Figure B1-D



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

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Fayetteville, North Carolina

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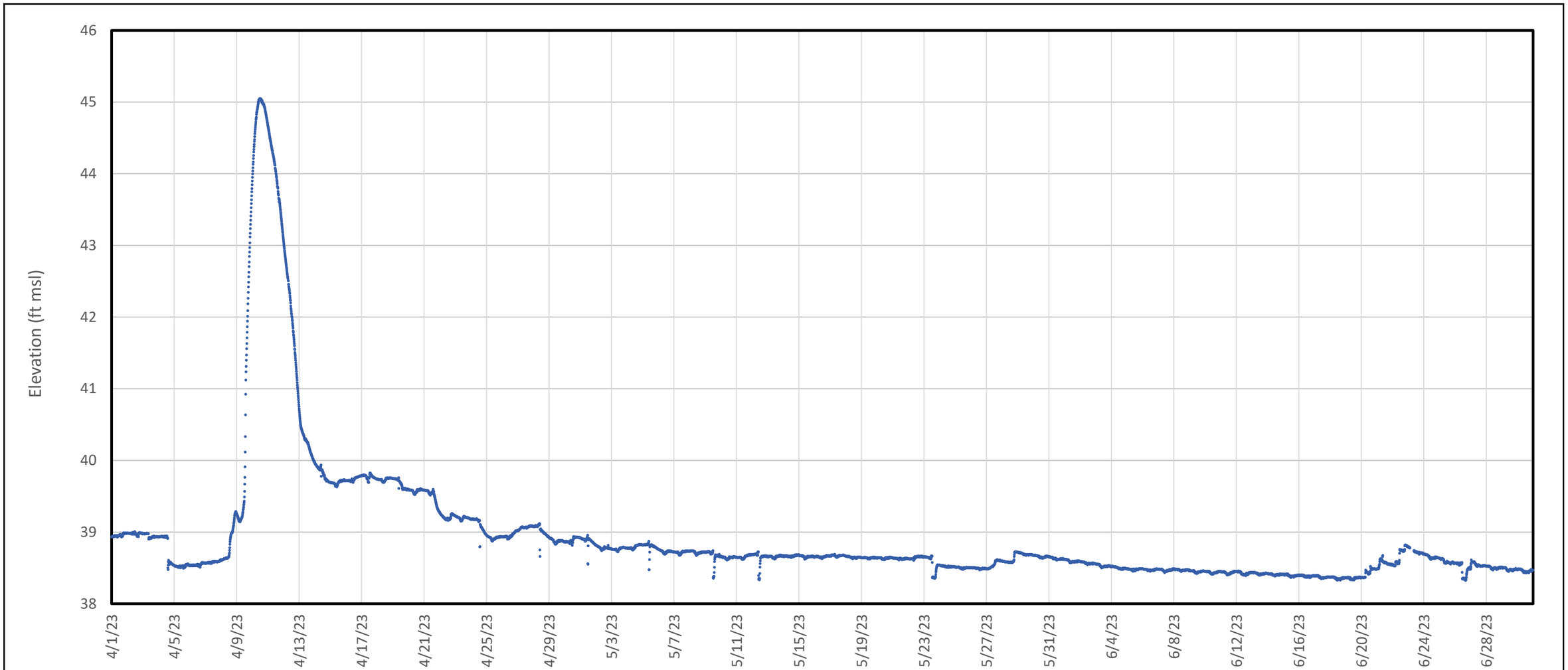
Figure B2-D



Legend

Influent Chamber/Impoundment Elevation

Notes:

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

Inlet Chamber Water Elevation - Seep D

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Fayetteville, North Carolina

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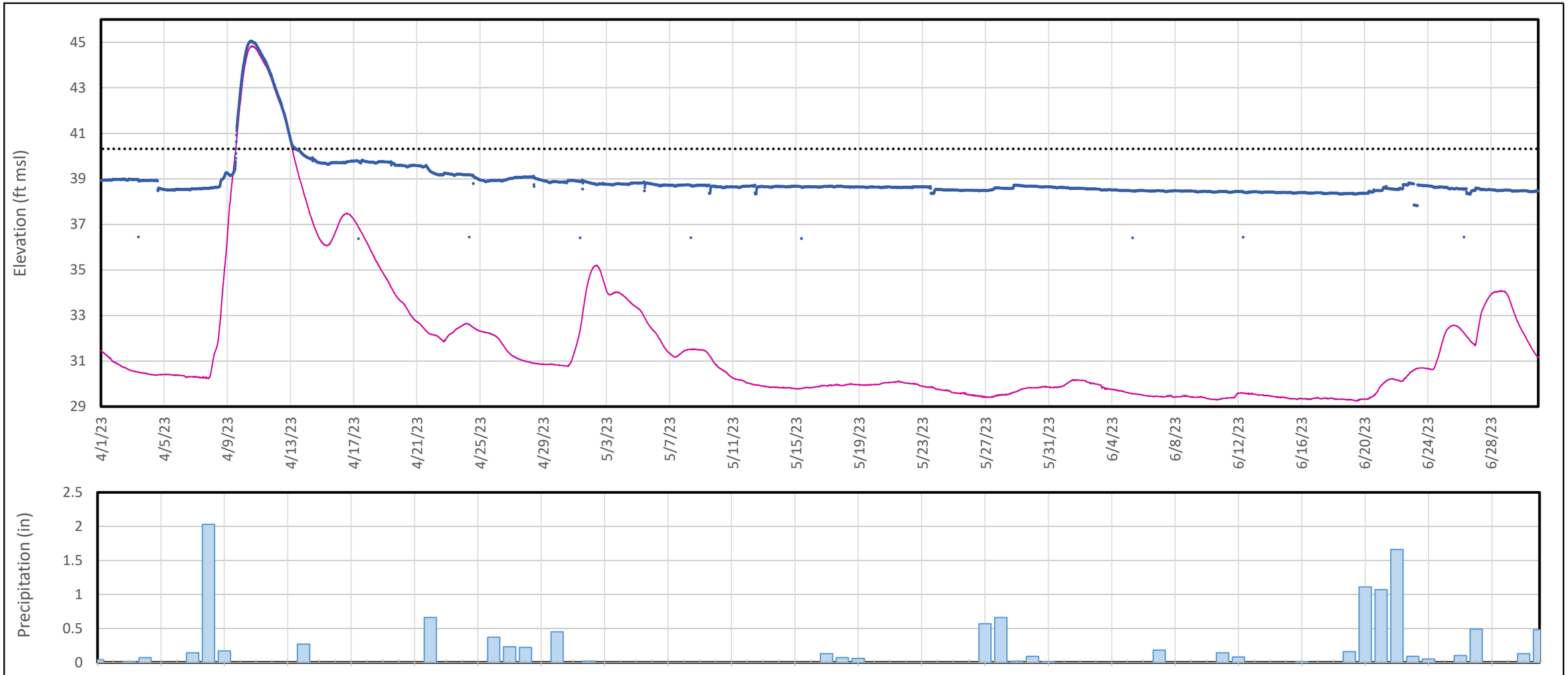
Figure B3-D



Legend

- Inlet Chamber Water Elevation
- River Stage
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)

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

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Figure B4-D