Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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CFR Long-Term Remedy Performance Monitoring Report #5

January – March 2024

Chemours Fayetteville Works

Prepared for

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

Prepared by

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

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EXECUTIVE SUMMARY

This CFR Long-Term Remedy Performance Monitoring Report #5 ("Report") has been prepared for the Q1 2024 period of January 1 through March 31, 2024 and documents the operation of the interim seep Flow-Through Cells (FTCs), the ex-situ seeps and weeps capture systems ("Ex-Situ Capture Systems"), the groundwater extraction and conveyance system (GWEC), and the groundwater treatment plant (GWTP). The table below summarizes the flow capture in millions of gallons (MG) and the per- and polyfluoroalkyl substances (PFAS) removal (Table 3+ [17 compounds]) in pounds (lbs) for each remedy element.

Remedy Element	Report Period (Jan – Mar 2024)		Cumulative through Mar 2024*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	10.1	3.0	428.4	551.1
004 Treatment Plant	47.8	50.5	245.0	302.9
Ex-Situ Capture Systems	*5.9*	*Included in 004*	*17.4*	*Included in 004*
GWEC	*44.4*	*Included in 004*	*233.3*	*Included in 004*
Total (Interim FTCs + 004)**	**57.9**	**53.5**	**673.4**	**854.0**

**Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C).*
***Differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems as well as storage time in the surge pond, break tank, and other components. The calculated total influent of the Ex-Situ Capture Systems and GWEC system above is 50.3 MG for Q1 2024. The total influent as measured by Veolia's flow meter was 49.1 MG. The total effluent as measured by Veolia's flow meter was 47.8 MG as shown.*

Flow into the interim FTCs has decreased significantly since the completion of the barrier wall and implementation of the Ex-Situ Capture Systems and GWEC system. Between July 2021 and June 2023, the interim FTCs collectively processed 14.8 MG per month on average. Between July 2023 and March 2024, the average monthly volume was 2.6 MG. Batch mode processing has been necessary in order to maintain treatment efficiency at the reduced flow rates. During dry weather, with the FTCs offline, the impoundment elevations at the FTCs either remain stagnant or decrease, indicating that the long-term remedy components have eliminated the seep baseflow. As the FTCs now treat predominately rainwater mixed with stagnant residual groundwater, the concentration of PFAS in the influent has also decreased. Between July 2021 and June 2023, the average influent PFAS concentration (Total Table 3+, 17 compounds) across the four FTCs was approximately 150,300 ng/L; between July 2023 and March 2024, it was 35,200 ng/L. Overall, the combination of significantly reduced flow and concentration has resulted in a mass discharge into the FTCs that

is approximately 96% reduced from baseline conditions, and an asymptotic PFAS mass removal trend.

The GWEC system has been operating at a steady-state cumulative extraction rate since approximately September 2023, after the extraction well startup in March 2023 resulted in initial declines in the Black Creek aquifer water levels. The average pumping rate in Q1 2024 was 337 gallons per minute. The Ex-Situ Capture systems flow trends are dependent on weather conditions and are therefore more variable. The 004 GWTP removed greater than 99% of PFAS[1] from the combined flow of the GWEC and Ex-Situ Capture Systems.

Performance monitoring activities, including hydraulic head monitoring and surface water sampling, are also documented in this Report. Similar to the previous reporting period, performance monitoring indicates that the GWEC system has resulted in a reduction in gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux to the Cape Fear River. This reduction in PFAS mass discharge is evident in the diminished flows into the FTCs and is also documented in a report for the Mass Loading Model (MLM) program, submitted for the same reporting period concurrent to this Report (Geosyntec, 2024a).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the alignment, particularly in the midsection, with nearly 8 feet of groundwater elevation reduction observed in monitoring wells. Drawdown along the alignment has also resulted in four EWs with insufficient water to pump, as compared to startup, demonstrating overlapping influence within the EWs from the collective pumping. The extensive drawdown is a line of evidence of hydraulic control. Additionally, a reduction in Willis Creek mass discharges has been observed. At sampling locations WC-2 (upstream) and WC-1 (downstream near the confluence with the Cape Fear River), the post-startup mass discharge to Willis Creek along this reach is estimated to be approximately 60% less than pre-startup.

[1] 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

PFPrA	perfluoropropanoic 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 #5 ("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 has been prepared for the period of January 1 through March 31, 2024 (Q1 2024). The remedy components consist of the interim in-situ flow-through cells (FTCs), groundwater extraction and conveyance (GWEC) system, the Ex-Situ Seeps and Weeps capture systems ("Ex-Situ Capture Systems"), and the groundwater treatment plant (GWTP). The components of the remedies are shown in an overview layout in Figure 1-1. Various monitoring and sampling activities were conducted during the reporting period as summarized in Table 1-1.

1.1 Data Validation

Laboratory analytical data for the samples collected during the Q1 2024 reporting period were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial data management software program. 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 is 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 retention time, verification that detections in field or equipment blanks have been applied to all applicable samples, and review of temperature requirements for sample preservation during storage and shipping. 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. Overall, the DQOs were met for accuracy and precision. During this sampling event, all samples were within the acceptable temperature requirements for preservation during storage and shipping (i.e., between not frozen to 6°C with a target of 4°C) as outlined in the Chemours PFAS Program QAPP (AECOM, 2018). 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, 2020). Results for these three analytes are J-qualified as estimated.

1.2 Laboratory Analyses

Groundwater and surface water samples collected in Q1 2024 were analyzed for 21 Table 3+ PFAS and 35 other PFAS compounds by Method 537MM. Matrix interference studies have shown that quantitation of three of the compounds included in the Table 3+ PFAS group, R-PSDA, Hydrolyzed PSDA, and R-EVE[1] is inaccurate due to interferences by the sample matrix (Geosyntec, 2020a). Groundwater and surface water results for Table 3+ PFAS compounds are presented in report tables as three PFAS groupings:

- Total Table 3+ (21 compounds), which is the sum of all Table 3+ PFAS compounds.
- Total Table 3+ (18 compounds), which excludes R-PSDA, Hydrolyzed PSDA, and R-EVE due to the matrix interferences noted above.

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

- Total Table 3+ (17 compounds), which additionally excludes perfluoropropanoic acid (PFPrA), to allow for a direct comparison of results to prior years and to discuss mass removal of remedial components. Although the report tables include results for the three groupings above, the text and figures of this report focus on the Total Table 3+ (17 compounds) PFAS grouping.

1.2.1 Correction of PFPrA Concentrations

On April 23, 2024, Eurofins-Sacramento informed Chemours via email that a calculation error had been incorporated into the preparation of calibration standards for PFPrA under the laboratory's 537 Mod Max methodology. The error resulted in a 36% low bias in PFPrA concentrations. The error affected Chemours samples collected on behalf of the Fayetteville Works Site between June 2023 and April 2024. Chemours informed NCDEQ of the PFPrA calculation error via telephone on May 15, 2024, and provided NCDEQ with Eurofins-Sacramento's memo describing their root cause analysis of the PFPrA calculation error on May 22, 2024.

PFPrA results that were calculated incorrectly have been corrected by Eurofins-Sacramento and provided to Chemours. These results fall into two categories: 1) results that were corrected before being reported to NCDEQ, and 2) results that were reported to NCDEQ before being corrected. The PFPrA results for Q1 2024 provided in this report fall into category 1). They are being reported here for the first time. PFPrA results from July 2023 to November 2023 that have been provided in previous reports in this sampling program fall into category 2). Appendix C of this report provides a table of the results in category 2) with corrected PFPrA concentration values.

Additional detail is provided in a letter submitted to NCDEQ by Chemours on June 18, 2024, which is provided in Appendix D.

2 IN-SITU SEEP FLOW-THROUGH CELLS

The in-situ FTC remedies have been in operation since December 2020 beginning with Seep C. Detailed information on the hydraulic mechanics of the FTC system, flood management practices, data collection methodology and reduction process, and flow calculation formulas is presented in previous Seeps O&M reports. As a simplifying step for presentation clarity, at various sections in this report, reference is made to these details within Seeps O&M Report #14 (Geosyntec, 2023a), the last of the bimonthly Seeps O&M Reports.

2.1 Inspections, Operation, and Maintenance

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

2.1.1 Inspections

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

2.1.2 Duty Cycling

Tables 2-1A-D detail the filter bed configurations for Seeps A, B, C, and D over the reporting period of January 1 through March 31, 2024. The table below summarizes the approximate number of days in the reporting period each FTC was either in batch mode operation (i.e., the FTC closed to flow); or if in operation, which filter bed was in lead.

Seep	FTC Closed to Flow in Batch Mode (days)	FB1 Lead (days)	FB2 Lead (days)	Total Uptime in Reporting Period (days)
A	31	0	60	91
B	41	32	18	91
C	24	7.5	59.5	91
D	40	27	24	91

2.1.3 FTC Management During River Flooding

During the reporting period, the Cape Fear River rose above the action level[2] from January 10 through January 18, 2024, and from March 29 through March 31, 2024. Cape Fear River elevation

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

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 Figures 2-1A through D.

2.1.4 Material Changeouts

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

Seep	Filter Bed	GAC Changeouts		
		Date	GAC Age/Lead Days	GAC Removed (lbs)
C	FB1	1/4/2024	196/92.5	9,000
D	FB2	2/2/2024	344/181	27,000
B	FB1	2/22/2024	231/111	27,000
			Total	*63,000*

2.1.5 Issue Resolution and System Optimization

As described in CFR Long-Term Remedy Performance Monitoring Report #4, flow was observed from the bluff face in the vicinity of the Outfall 002 discharge pipe[3] and entered the Seep C FTC during dry weather in November 2023. Subsequent investigations indicated a potential leak in the Outfall 002 discharge pipe. A joint sealing remedy was applied to the discharge pipe in December 2023. Following the remedy, flowrate at the bluff face appeared to be reduced and O&M personnel observed continued decline through December 2023.

During the current reporting period (January 1 to March 31, 2024), Site operations personnel gauged the piezometers monthly and observed further declines and ultimately stabilization in water levels. Additionally, water levels in the Seep C impoundment were stable or declined during dry periods when the FTC was in batch mode (closed to flow) from February 2 to February 9, February 16 to February 22, and March 16 to March 22, 2024 indicating no further additions to seep flow from the potential leak.

2.2 Data Collected

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. An overview is provided in the table below. The transducer data reduction process for the current reporting period is provided in Appendix B.

[3] The Outfall 002 discharge pipe contains treated water from the 004 GWTP, and treated wastewater and non-contact cooling water from the facility.

Data Type	Monitoring During Q1 2024
Impoundment Elevation	Monitored every 15-minutes using pressure transducers in the influent stilling basins, and with daily observation of the staff gauges in the impoundments.
Flowrate Measurements	Monitored for flow every 15-minutes using pressure transducers during passive flow operation; or measured with a flowmeter when directly pumped from the impoundment into the lead filter bed.
Rainfall and River Stage	Monitored every 15 minutes using data from the W.O. Huske Dam (gauge 02105500).
Performance Monitoring and Water Quality Measurements	Sampling is only able to be performed when the FTCs are not closed to flow in batch mode. After sufficient rainfall has raised the impoundment level, an FTC is opened to flow and a 24-hour composite sample is collected. As dry weather flow has terminated and the FTCs are treating predominately rainwater, in some cases rainwater that has accumulated over multiple rain events and periods of days or weeks, it is no longer practical to collect cotemporaneous wet weather monitoring samples. Therefore, moving forward, all FTC samples will be designed performance monitoring samples. During this reporting period, twelve sets of performance monitoring samples each were collected from Seeps A, B, and D. Thirteen sets of performance monitoring samples were collected from Seep C. There were no deviations in the reporting period. 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. Seven sets of breakthrough monitoring samples were collected from Seep A, five sets of breakthrough monitoring samples were collected from Seep B and D, and eight sets of breakthrough monitoring samples were collected from Seep C during this reporting period (25 total).

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. An overview of the results is as follows:

Reporting Period Metric	Seep A	Seep B	Seep C	Seep D	Total
Rainfall, Actual (inches)	9.49 *(January 1 – March 31, 2024)*				
Rainfall, Historical Average (inches)	7.96 *(January 1 – March 31, 2004-2020)*				
River Above Spillway (days) [1]	5.6	5.1	5.2	5.6	N/A
Median Flow Rate over full reporting period (gpm) [2]	22	0	20	0	42
Median Flow Rate (gpm) when in operation [3]	39	36	28	14	117
Seep Volume Treated (MG)	3.5	2.7	2.9	1.0	10.1
PFAS Removed (lbs) [4]	1.49	0.66	0.7	0.18	3.03

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

2 – Median flow rate calculated during entire reporting period, including during batch mode operations when cells are closed to flow.

3 – Median flow rate calculated when FTCs were processing flow (i.e., not in batch mode).

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

2.3.1 System Flowrates and Operational Periods

System Flowrates

Figures 2-2A-D show the measurable flowrates through the FTC over the reporting period for Seeps A-D, respectively. As shown in Figure 2-3, total volume discharged by the FTCs has decreased dramatically. The reductions in flow are attributed to the barrier wall and the operation of the groundwater extraction system and Ex-Situ Capture Systems.

Instances of Bypass

The influent water level elevation and occurrences of bypass flow (if applicable) for Seeps A-D for the reporting period are shown in Figures 2-4A-D. The total rainfall received in the reporting period is shown below. The few instances of bypass were resolved with maintenance events lowering the impoundment below the spillway, similar to previous reporting periods.

Period	Rainfall (inches)	Historical Rainfall (inches)	% Change Compared to Historical
January 2024	3.43	2.28	+50%
February 2024	1.89	2.89	-35%
March 2024	4.17	2.79	+50%
Q1 2024	9.49	7.96	+20%

Long-Term Remedy Impacts on Baseflow

Figures 2-4A-D depict the elevation of the influent pond at Seeps A-D and instances of batch mode processing. Figures 2-5A-D depict the impoundment elevation at Seeps A-D and instances of batch mode processing. As shown, even with the FTCs turned off, the impoundment elevation generally appears to respond only during rainfall events, indicating that the long-term remedy components have eliminated the Seep baseflow.

2.3.2 Performance Monitoring Analytical Results

As noted in Section 2.2, after sufficient rainfall has raised the impoundment level, an FTC is opened to flow and a 24-hour composite sample is collected. As dry weather flow has terminated and the FTCs are treating predominately rainwater, in some cases rainwater that has accumulated over multiple rain events and periods of days or weeks, it is no longer practical to collect cotemporaneous wet weather monitoring samples. Therefore, moving forward, all FTC samples will be designed performance monitoring samples.

Analytical results for the composite performance monitoring samples are provided in Tables 2-4A-D and summarized below. Figure 2-6 shows that the influent concentration of total Table 3+ PFAS (17 compounds) into the FTCs. For data up through December 2022 (approximately the time when barrier wall test panel installation began), the average influent concentration into FTCs A-D ranged from 102,000 to 236,000 nanograms per liter (ng/L). As shown below, the average influent concentration into the FTCs in Q1 2024 ranged from 21,633 to 52,750 ng/L. This reduction in concentration is attributed to the barrier wall cutting off upgradient groundwater flow, and the overall contribution of water balance into the FTCs becoming more dominated by wet weather, rainfall derived flow. The combination of significantly reduced flow and concentration has resulted in an asymptotic PFAS mass removal trend as shown in Figure 2-7.

Implementation of batch mode, in which the impoundment levels are managed such that accumulated water in the basin is processed at flow rates more typical of the historical operation,

appear to be increasing the removal efficiencies to the same level (i.e., >99%) as previous reporting periods.

Analytical Results – Performance Monitoring	**Seep A**	**Seep B**	**Seep C**	**Seep D**
Average Influent Total Table 3+ PFAS, 17 compounds (ng/L)	52,750	29,000	28,923	21,633
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	44	136	82	40
Average Removal Efficiency (%)	>99.9	99.5	99.7	99.8

2.3.3 System Effectiveness

System effectiveness calculation procedures are presented Seeps 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**
January	99.8	99.4	99.5	99.7
February	>99.9	99.3	99.8	99.8
March	99.9	99.4	99.6	99.8
Overall Average	*99.7*			

2.3.4 River Elevation and Precipitation

On January 10, the Cape Fear River rose above the elevation of the discharge weir and bypass spillway at all four FTCs and receded below these features by January 18. On March 29, the river rose above the discharge weir (but not the bypass spillway or top of wall) at all four FTCs and receded below these features by March 31. The changes in elevation of the Cape Fear River during the reporting period (January 1 through March 31, 2024) are shown in Figures 2-1A through D.

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 amount of time the river has been above the FTC features is similar to the historical record.

2.3.5 Water Quality

The water quality measurements collected during the reporting period are provided in Tables 2-5A-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 1 milligram per liter (mg/L) or less. Aerobic (>2 mg/L) conditions were consistently observed during the reporting period.

- **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.

- **Specific Conductance:** For all four Seeps, the difference in median specific conductance across influent and effluent locations ranged between −74 and 13 microSiemens per centimeter (µS/cm). During normal hydraulic conditions, the FTC is expected to have little effect on the anion/cation content of the seep baseflow.

- **pH:** The median influent pH at the four Seeps ranged from 5.1 to 7.3, and the median effluent pH ranged from 5.5 to 7.48 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 0.4, 0.7, 0.2, and 0.2 SU, respectively.

- **Turbidity:** The median turbidity of the influent water at Seeps A-D ranged from 13 to 121 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 2 to 30 NTU.

- **TSS:** The median influent TSS at Seeps A-D ranged from 7 to 38 mg/L. Median effluent TSS at Seeps A-D was detected in minimal concentrations (5 mg/L or lower). As was the case with turbidity, the FTCs generally 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 three dedicated weep capture locations (Weep 1, Weep 3, and Weep 4). Additionally, at seep capture location Seep A, the nearby Weep 7 is tied into the basin and is included in this system's capture. At seep capture location Seep A Tributary, the nearby weeps 9, 10, and 11 are tied into the wet well and are included in this system's capture. The 004 GWTP pad is connected to Weep 4 and includes its capture. Finally, the Weep 1 capture system pumps captured water directly into the GWEC force main.

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

3.1 Operation and Maintenance

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

3.2 Data Collected

The Ex-Situ Capture System telemetry network transmits the flow data from totalizers at Seep A, Seep A Tributary, Seep B, Willis Creek Tributary, and Weep 3 on a 15-minute frequency. Veolia records the volume conveyed from the surge pond to the 004 GWTP on a daily basis.

3.3 Results

Table 3-1 shows the daily volume conveyed from the surge pond to the 004 GWTP and totalizer volumes conveyed from Seep A, Seep A Tributary, Seep B, Willis Creek Tributary, and Weep 3. During this reporting period, approximately 5.9 MG of captured water was pumped from the seep and weep capture locations to the surge pond and approximately 5.9 MG was conveyed from the surge pond to the 004 GWTP. The captured water in Q1 2024 is 64% higher than Q4 2023 (5.9 MG vs 3.6 MG). This increase is attributed to the wetter conditions in Q1 2024.

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 and provides a summary of the critical operational data that were collected and discusses the monitoring results from extraction well sampling activities during the reporting period. Construction details for the extraction wells are provided in Table 4-1.

4.1 Operation and Maintenance

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

4.2 Data Collected

4.2.1 Extraction Well Operational Data

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

4.2.2 PFAS Data

The previous extraction well sampling events occurred in the pre-startup commissioning phase, from January 24 through March 14, 2023; and on April 12, 2023, approximately one month after full startup. The extraction wells were sampled most recently in April 15-16, 2024. These results will be presented in the subsequent CFR Long-Term Remedy Performance Monitoring Report #6 documenting the Q2 2024 period.

4.3 Results

4.3.1 Groundwater Extraction

The GWEC system extracted approximately 44.4 MG during the reporting period, with approximately 5.1 MG from surficial aquifer wells and 39.3 MG from Black Creek aquifer wells. The average extraction rate during the Q1 2024 reporting period was approximately 337 gallons per minute (gpm), which is similar to the extraction rate of 332 gpm in the previous reporting period (Q4 2023), and similar to the extraction rate in September 2023 (336 gpm) when this steady-state extraction flow rate was first reached. From March 2023 through August 2023, extraction rates gradually declined from a peak of 540 gpm in the initial operating period. This is attributed to the established declines seen in water levels in the Black Creek aquifer upgradient of the remedy. Section 6.2.1 describes the reduction in groundwater elevation upgradient of the barrier wall stabilized since the completion of the barrier wall and the implementation of the long-term remedy components.

As shown in Table 4-3, the flow rates in the Willis Creek (Northern Alignment) are lower than the Barrier Wall (Southern Alignment) (in March, the average Willis Creek EW pumped about 3.7 gpm, whereas the average EW in the Southern Alignment pumped about 5.1 gpm). This is consistent with previous work at the site (Geosyntec, 2021 and Geosyntec, 2022) which indicates that the aquifer sands in this area are generally much thinner, less connected, and less transmissive than aquifer sands in the Southern Alignment.

5 004 TREATMENT PLANT

Section 5 provides GWTP operational data collected by Veolia as the operator of the treatment 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%. As with the GWEC system, the 004 GWTP has been operating since March 14, 2023.

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

5.1 Data Collected

5.1.1 Flow Rates

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

5.1.2 PFAS Influent and Effluent

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

5.2 Results

5.2.1 Flow Rates

The daily total influent volume, the 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 47.8 MG over the reporting period. The average daily flow rate for this duration was 365 gpm. This is 6% higher in comparison to the previous period (344 gpm in Q4 2023).

[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 shown in Table 5-2. Laboratory analytical reports for 004 samples are compiled in Appendix A. As shown, the total Table 3+ (17 compounds) PFAS concentration in the influent ranged from 110,000 to 140,000 ng/L. The Table 3+ (17 compounds) PFAS analytes 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 January 2, February 12, and March 11) 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 (Q1 2024) was 50.5 lbs. Through the end of the previous period (Q4 2023), 252.4 lbs of PFAS was removed. Therefore, the amount of PFAS removed from commissioning through March 31, 2024 is 302.9 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)
January	16.9	140,000	19.8
February	14.6	130,000	15.8
March	16.3	110,000	14.9
Q1 2024 Total	47.8	N/A	50.5

6 PERFORMANCE MONITORING EVALUATION

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

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

6.1 Data Collected

6.1.1 Hydraulic Head and Surface Water Elevation

Monthly gauging events of 83 observation wells (OWs) was performed on January 31, February 27, and March 27, 2024. The hydraulic head monitoring network is shown in Figure 6-1. In addition to these manual gauging events, transducers were also deployed in a network of 16 wells that comprise 6 transects that span across the barrier wall alignment. These transducers were deployed on March 8, 2023, during the final GWEC commissioning and about one week prior to the March 14, 2023 operational startup. The transducers record groundwater elevation every 15 minutes and are downloaded monthly. Finally, data is incorporated from three transducer stilling wells that were installed at Willis Creek between September 20 and October 6, 2023.

6.1.2 PFAS Concentrations in Groundwater and Surface Water

Downgradient Groundwater

PMP wells, to be sampled on a semi-annual basis (Q1 and Q3), were sampled between January 17 and February 6, 2024. Out of the 20 PMP wells, 18 were sampled in Q1 2024. PIW-10S and PIW-5SR were not sampled because these wells have become consistently dry due to the long-term remedy. The 20 PMP wells are OW-4R, OW-30, OW-32, OW-37, OW-40, OW-51, OW-54, OW-

55, OW-56, OW-57, PIW-4D, PIW-5SR, PIW-6S, PIW-8D, PIW-10DR, PIW-10S, PIW-11, PIW-15, PW-10RR, and PW-11.

Mass Loading Model (MLM) wells are sampled quarterly. A total of 14 MLM monitoring wells are downgradient of the long-term remedy and are therefore potentially viable data points for effectiveness monitoring (OW-28, OW-33, LTW-01, LTW-02, LTW-03, LTW-04, LTW-05, PIW-1S, PIW-1D, PIW-3D, PIW-7S, PIW-7D, PZ-22, and SMW-12). These MLM wells were sampled from January 15 through 31, 2024. 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, 2024b). WC-1, WC-2, and WC-3 were sampled on February 22, 2024. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+ and EPA Method 537 MOD.

Cape Fear River Surface Water

Surface water grab samples were collected on March 12, 2024 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+. From March 2020 through December 2023, sampling under this permit was performed on a monthly basis. Starting Q1 2024, samples are to be collected quarterly (i.e., six months after the completion of the barrier wall as per the Permit requirements).

Since March 2020, routine sampling of the Cape Fear River has been performed at Tar Heel Ferry Road Bridge (or Tar Heel, approximately 7 miles downstream of the Site). The sampling program was in accordance with the Paragraphs 1(a) and 1(b) of the Addendum to Consent Order paragraph 12 (CO Addendum). Composite samples were collected generally twice per week using an autosampler. Grab samples were collected when the composite sampling program was temporarily interrupted due to various factors such as vandalism, equipment malfunction, or high river stages which may flood the autosampler. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+.

6.1.3 Passive Flux Meters

The first post-startup deployment of PFMs was conducted in August 2023 and its results were discussed in CFR Long-Term Remedy Performance Monitoring Report #3 (Geosyntec, 2023d).

The next post-startup deployment is planned for June 2024, and results will be presented in CFR Long-Term Remedy Performance Monitoring Report #6 documenting the Q2 2024 period.

6.2 Results

6.2.1 Hydraulic Head and Surface Water Elevation

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

1. As the Cape Fear River can influence some wells screened in the Black Creek aquifer, this section will first discuss the river conditions during each gauging event. Notably, during high river stages (flooding), this can exert a pressure response on the confined aquifer that has connectivity to the river.

2. The results in the Southern Alignment (Barrier Wall portion) are discussed next, which includes discussion of both the Black Creek aquifer and the surficial aquifer.

3. Last, the results in the Northern Alignment (Willis Creek area) are evaluated separately from the Southern Alignment.

1. River Stage During Gauging Events

Hydraulic connectivity between the Black Creek aquifer and the Cape Fear River was discussed in CFR Long-Term Remedy Performance Monitoring Report #1 (Geosyntec, 2023b). 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 January (89th percentile) and two near-average events in February and March (51st and 63rd percentile).

Date	Type	Average River Level During Gauging Event (ft 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%
1/31/2024	Post-Startup (Q1 2024)	34.30	89%
2/27/2024	Post-Startup (Q1 2024)	30.33	51%
3/27/2024	Post-Startup (Q1 2024)	30.98	63%

2. Southern Alignment (Barrier Wall)

2a. Reduction in Groundwater Flux Downgradient of Barrier Wall

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. Similar to the previous CFR Long-Term Remedy Performance Monitoring reports, Table 6-1 shows widespread drawdown in the Black Creek aquifer since the January 2023 baseline, and stabilized mounding of the surficial aquifer upgradient of the barrier wall.

As shown in Figures 6-2A-D, the groundwater elevation data from Table 6-1 has been used to generate 11 gradient maps downgradient of the wall, with plots of the baseline data (August 17, 2022 and January 30, 2023 in greyscale[5]) compared to the January, February, and March gauging events (in green, blue, and red, respectively). Consistent with previous reports, the data for the three events demonstrate that the gradients in these downgradient sections have reduced (i.e., flattened) significantly:

- Transects 1a, 2, 5, 7, and 8 indicate an essentially flat gradient. At the distal end (i.e., the most downgradient and closest to the Cape Fear River) of some of these transects, there is an apparent slight inward gradient. This is attributed to the demonstrated effect of increases

[5] Transects 1a/1b and 2 at the southern end of the alignment were added to Report #3 per NCDEQ request. These transects include wells that were not accessible to install until after the barrier wall was complete, therefore baseline data is not available in all cases. For OW-39 in particular which is used in both Transects 1a and 1b, the nearest available baseline data in EWs 63, 64, and 65, as well as PIW-10DR to the east, indicate the baseline groundwater elevation in this vicinity ranged from approximately 59-64 ft NAVD88, which is substantially greater than the values measured in Q1 2024 (around 40.7 ft NAVD88), indicating a significant reduction in gradient in this area.

in river elevation causing a corresponding increase in groundwater levels in monitoring wells screened within the Black Creek Aquifer, particularly in locations closest to the river.

- Transects 1b, 3, 4, 6a, and 9 indicate that the average Q1 2024 gradient was approximately 72% less than baseline, which is similar to previous reporting periods.
    - Transect 6b gradient comparisons cannot be performed because baseline elevation data for OW-52 and OW-53 are not available, as well construction for these wells was initially conflicted by barrier wall installation.
- Despite the January gauging event being affected by the river flood event (i.e., generally increasing groundwater elevations in the downgradient area), the overall reduction in gradient is consistent with the relatively drier February and March events. The long-term remedy reduces groundwater flux beyond the barrier wall in both low and high river conditions.

2b) Hydraulic Separation of Barrier Wall

In CFR Long-Term Remedy Performance Monitoring Report #2, transducer data were used to illustrate the separation of the Black Creek aquifer by the barrier wall, as the April 2023 flood event (with a peak river elevation of approximately 45 ft NAVD88) caused a clear effect on groundwater elevations downgradient of where the barrier wall had been constructed, but no discernible effect on groundwater elevations upgradient of the partially constructed wall. Where this effect was demonstrated (Transects 4, 5, and 6) the upgradient transducers were redeployed to downgradient areas, to monitor the downgradient area over the long-term. Where this effect was not able to be demonstrated yet, the transducers were not moved.

As discussed in CFR Long-Term Remedy Performance Monitoring Report #4, in late December 2023, the Cape Fear River flooded for the first time since April 2023, but to a less significant extent, with a peak river elevation of approximately 39.5 ft NAVD88. In mid-January 2024, the Cape Fear River flooded again, reaching a peak river elevation close to 45 ft NAVD88. Figures 6-3A-C show the transect plots of the transducer data for Q1 2024 above the Cape Fear River hydrograph. Transects 1, 2, and 3 demonstrate the hydraulic separation of the barrier wall, with an increase in groundwater elevation in the downgradient wells (green colors) and no discernible effect on the upgradient wells (orange). Since this separation has now been demonstrated across all transects in the wall alignment, the upgradient transducers were redeployed in late April 2024.

3. Northern Alignment (Willis Creek)

3a. Flood Response in Willis Creek Extraction Wells

The river flooding event in January 2024 was also observed in the Willis Creek EWs, demonstrating Black Creek aquifer connectivity to surface water as noted for April and December

2023 flood events discussed in previous reports. The Willis Creek elevation (shown in thick blue line) is compared to the 15 Willis Creek EWs in Figures 6-4A-C (five wells per chart for clarity):

- In EWs that were pumping continuously prior to the flood event and therefore at a relatively stable water level (EW-01, 02, 05, 06 and 14), the rising river elevation that began on January 10 caused a subsequent rise in water levels in the wells.

- 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, 04, 06, 07, 08, 10, 12, and 13). 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 and remained so through January. 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 increasing yield from these wells.

- In EWs that were water-limited prior to the flood, the rising water levels in one case allowed the pump to activate in an intermittent mode (EW-11). In other cases, the flood caused a water level increase in the well, but not sufficient to activate the pump level switch (EW-09 and 15).

Overall, as a consequence of flooding, the increase in groundwater elevation in the Willis Creek EWs temporarily increases pumping yields until groundwater elevations decline to pre-flood conditions. This indicates the capability of the Willis Creek extraction well pumps to withdraw groundwater yields, and the overall limited amount of transmissivity of the aquifer material in non-flood steady-state conditions.

3b. Hydraulic Containment of Willis Creek Black Creek Aquifer

Groundwater elevation differences relative to January 2023 are shown for the January, February, and March gauging events in Figures 6-5A-C. Consistent with previous reports, the largest reduction of groundwater elevation relative to January 2023 occurred in the midsection of the Northern Alignment between EW-05 and EW-06.

In January 2024, this elevation difference was not as significant as February and March 2024 due to the flood event, but the pattern of drawdown was still similar, and nearly 6 ft of drawdown was still observed around EW-05 and EW-06.

Laterally along the alignment north of EW-05 and south of EW-06, elevation reductions between about 2 ft and 7 ft were observed from proximity of OW-14 (near the beginning of the barrier wall at EW-14) to OW-41 (in between EW-01 and EW-02). Drawdown along the alignment has also resulted in four EWs with insufficient water to pump, as compared to startup, demonstrating overlapping influence within the EWs from the collective pumping. The extensive drawdown is a line of evidence of hydraulic control.

Potentiometric contour maps are provided for gauging events from January through March 2024 in Figures 6-6A-C. The January 2023 contours are shown in each figure as magenta solid lines. In January 2023, groundwater generally flows from SMW-03B (near the facility) in a northeastern direction towards the alignment. The January 2023 groundwater elevations around EW-01 and EW-02 are higher than the remainder of the alignment (on average approximately 45 ft NAVD88, as compared to approximately 30 ft NAVD88 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).

Figures 6-6A-C also provide surface water elevation at Willis Creek locations where stilling wells SW-01 through SW-05 have been installed, providing a comparison between groundwater and surface water elevations. Based on the available Q1 2024 gauging data, at SW-01 and SW-04, surface water elevations were within a few ft of groundwater elevations along Willis Creek. Surface water elevation was higher at SW-03 (33.28 ft and 33.35 ft) than elevations at nearby wells i.e., PIW-12 through PIW-14 (26.73 ft to 30.99 ft). Surface water elevation at SW-05 (35.99 ft to 36.86 ft) was lower than the nearby OW-57 (43.87 ft to 44.04 ft). However, this staff gauge is hundreds of ft away from the alignment where there is a clear hydraulic gradient of groundwater heading east toward the productive pumping areas between EW-03 and EW-08.

6.2.2 PFAS Concentrations and Mass Discharge in Groundwater and Surface Water

Downgradient Groundwater PFAS Concentrations

Results for the PMP and MLM wells sampled in Q1 2024 that are downgradient of the long-term remedy (32 total) are provided in Table 6-2 and shown in Figure 6-7A-C. Laboratory analytical reports for the downgradient groundwater samples are compiled in Appendix A. The long-term remedy is not anticipated to have immediate impact on the downgradient PFAS concentrations, as the hydraulic remedy was designed to reduce the flux of groundwater to the river. Future reports will continue to evaluate potential long-term impacts to PFAS concentrations, if observed. However, when evaluated in conjunction with the reduced hydraulic gradients in the downgradient area, a reduction in PFAS mass discharge to the river is evident. This reduction in mass discharge is evaluated in the MLM quarterly report for this same reporting period, submitted concurrently with this report (Geosyntec, 2024c).

Willis Creek Surface Water – Concentration and Mass Discharge

Results for the Willis Creek surface water PFAS samples collected in Q1 2024 are shown in Table 6-3, and also presented in Figure 6-7A-C (along with the downgradient groundwater PFAS data). Willis Creek PFAS trends since July 2022 are shown along with the Willis Creek hydrograph data from stilling well location WC-1 in Figure 6-8. Laboratory analytical reports for Willis Creek are compiled in Appendix A.

A mass discharge analysis of Willis Creek was performed to evaluate if declines have begun to be observed. Table 6-4 shows the PFAS mass discharged at location WC-2 (upstream of remedy) and at location WC-1 (downstream of remedy). As shown, prior to startup in March 2023, the mass discharge at upstream location WC-2 ranged from 0.18 to 0.32 mg/s and the mass discharge at downstream location WC-1 ranged from 0.45 to 0.52 mg/s. The delta between the two locations is shown, and on average, the pre-startup change in mass loading is approximately 0.23 mg/s (a range of 0.16 to 0.31 mg/s). The February 2024 result of 0.11 mg/s is similar to the May 2023 and July 2023 results of 0.11 and 0.06 mg/s, respectively. Overall, the post-startup values on average (0.09 mg/s) indicate an approximate 60% mass discharge decline post-startup[6]. This apparent reduction effect will continue to be evaluated in future reports.

Cape Fear River Surface Water – Concentration and Mass Discharge

The Cape Fear River transect sampling locations are shown in Figure 6-9. The results of the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) are shown in Figures 6-10. The transects for March 2024 were collected during periods of relatively high-river flow with flows ranging between 9,630 to 10,200 cubic feet per second (cfs). PFMOAA was observed in one sampling location of Transect 4. No other indicator compounds were observed. As described previously, inflows (e.g. offsite groundwater, Willis Creek, Lock and Dam seeps, the downstream offsite seeps, etc.) of Table 3+ PFAS into the Cape Fear River are not fully mixed at the transect locations and therefore concentration profiles along the transect are not necessarily homogeneous. In contrast, the mass discharge plots for the samples collected at Tar Heel (Figure 6-11) provide a mixed river location and take both flow and concentration into account. As shown, the mass discharges have decreased and remain lower than the mass discharges before Q3 2021, which corresponds to the time when the FTCs, 003 and groundwater extraction and barrier wall remedies and were installed and operating.

[6] Including the November 2023 event in this comparison would have yielded an even greater mass discharge decline (80%), however it was excluded as a precaution as there was a slightly higher river stage during the event which may have caused backflowing river water into WC-1, contributing to a lower concentration at WC-1 than WC-2.

7 SUMMARY

This reporting period (January 1 to March 31, 2024) included the operation of the interim Flow-Through Cells, Ex-Situ Capture Systems, GWEC, and GWTP remedy components. The table below summarizes the flow capture and the Table 3+ (17 compounds) PFAS removal for each remedy element.

Remedy Element	Report Period (Jan – Mar 2024)		Cumulative through Mar 2024*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
Interim FTCs	10.1	3.0	428.4	551.1
004 Treatment Plant	47.8	50.5	245.0	302.9
Ex-Situ Capture Systems	*5.9*	*Included in 004*	*17.4*	*Included in 004*
GWEC	*44.4*	*Included in 004*	*233.3*	*Included in 004*
Total (Interim FTCs + 004)**	**57.9**	**53.5**	**673.4**	**854.0**

**Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C). Please note that some previous reports have reported the total mass removed of 20 Compounds. Mass removal in this report for all remedy components is reported as 17 Compounds.*
***Differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems as well as storage time in the surge pond, break tank, and other components. The calculated total influent of the Ex-Situ Capture Systems and GWEC system above is 50.3 MG for Q1 2024. The total influent as measured by Veolia's flow meter was 49.1 MG. The total effluent as measured by Veolia's flow meter was 47.8 MG as shown.*

Flow into the interim FTCs has decreased significantly since the completion of the barrier wall and implementation of the Ex-Situ Capture Systems and GWEC system. Between July 2021 and June 2023, the interim FTCs collectively processed 14.8 MG per month on average. Between July 2023 and March 2024, the average monthly volume was 2.6 MG. Batch mode processing has been necessary in order to maintain treatment efficiency at the reduced flow rates. During dry weather, with the FTCs offline, the impoundment elevations at the FTCs either remain stagnant or decrease, indicating that the long-term remedy components have eliminated the seep baseflow. As the FTCs now treat predominately rainwater mixed with stagnant residual groundwater, the concentration of PFAS in the influent has also decreased. Between July 2021 and June 2023, the average influent PFAS concentration (Total Table 3+, 17 compounds) across the four FTCs was approximately 150,300 ng/L; between July 2023 and March 2024, it was 35,200 ng/L. Overall, the combination of significantly reduced flow and concentration has resulted in a mass discharge into the FTCs that is approximately 96% reduced from baseline conditions, and an asymptotic PFAS mass removal trend.

The GWEC system has been operating at a steady-state cumulative extraction rate since approximately September 2023, after the extraction well startup in March 2023 resulted in initial declines in the Black Creek aquifer water levels. The average pumping rate in Q1 2024 was 337 gallons per minute. The Ex-Situ Capture systems flow trends are dependent on weather conditions and are therefore more variable. The 004 GWTP removed greater than 99% of PFAS[7] from the combined flow of the GWEC and Ex-Situ Capture Systems.

Performance monitoring activities, including hydraulic head monitoring and surface water sampling, are also documented in this Report. Similar to the previous reporting period, performance monitoring indicates that the GWEC system has resulted in a reduction in gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux to the Cape Fear River. This reduction in PFAS mass discharge is evident in the diminished flows into the FTCs and is also documented in a report for the Mass Loading Model (MLM) program, submitted for the same reporting period concurrent to this Report (Geosyntec, 2024a).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the alignment, particularly in the midsection, with nearly 8 feet of groundwater elevation reduction observed in monitoring wells. Drawdown along the alignment has also resulted in four EWs with insufficient water to pump, as compared to startup, demonstrating overlapping influence within the EWs from the collective pumping. The extensive drawdown is a line of evidence of hydraulic control. Additionally, a reduction in Willis Creek mass discharges has been observed. At sampling locations WC-2 (upstream) and WC-1 (downstream near the confluence with the Cape Fear River), the post-startup mass discharge to Willis Creek along this reach is estimated to be approximately 60% less than pre-startup.

[7] As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyaceticacid (PFMOAA)

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Tables

Table 1-1
Summary of Sampling and Monitoring Activities
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Remedy Component	Sampling and Monitoring Activities in Reporting Period (Jan-Mar)
In-Situ Seep Flow-Through Cells (FTCs)	▪ During prolonged no-flow conditions, the FTCs were generally operated in batch mode (closed to flow) and thus there is no process flow to sample. The FTCs were opened to flow as needed to manage accumulated water in the impoundments. When open to flow, 24-hour composite samples were collected for performance monitoring; water quality was monitored and sampled in the same 24-hour period as the performance monitoring interval; and weekly grab samples for breakthrough monitoring were collected.
Ex-Situ Seeps and Weeps Capture	▪ Flow rates and totalized flow every 15 minutes from each capture system
Groundwater Extraction	▪ 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
Performance Evaluation	▪ Monthly water level gauging (January 31, February 27, and March 27, 2024) ▪ Quarterly surface water PFAS sampling at four transects of the Cape Fear River (March 12, 2024) ▪ Quarterly PFAS sampling of Willis Creek (WC) stations WC-1, 2, 3 (February 22, 2024) ▪ PFAS sampling of downgradient monitoring wells under the MLM (quarterly) and PMP (semi-annually) sampling programs (January 15 to February 6, 2024)

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

PFAS - per- and polyfluoroalkyl substances
PFMOAA - perfluoro-2-methoxyacetic acid
EPA - Environmental Protection Agency
PMP - Performance Monitoring Plan
eDMR - electronic Discharge Monitoring Report
HFPO-DA - hexafluoropropylene oxide-dimer acid
PMPA - perfluoro-2-methoxypropionic acid
NPDES - National Pollutant Discharge Elimination System
MLM - Mass Loading Model

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure			
						FB1	FB2	FB1	FB2		
01/02/2024	980	No				Series		Batch Mode		X	Closed inlet and mid valves.
01/03/2024	981	No				Batch Mode		Batch Mode			N/A
01/04/2024	982	No				Batch Mode		Batch Mode			N/A
01/05/2024	983	No				Batch Mode		Series			Opened inlet and mid valves.
01/06/2024	984	--		X		Series		Series			N/A
01/07/2024	985	No				Series		Series			N/A
01/08/2024	986	No	X			Series		Series		X	N/A
01/09/2024	987	Yes				Series		Series			N/A
01/10/2024	988	Yes		X		Series		Parallel			N/A
01/16/2024	994	Yes				Parallel		Parallel		X	N/A
01/17/2024	995	No				Parallel		Parallel			N/A
01/18/2024	996	No				Parallel		Series			Skimmed and fluffed FB1 and FB2.
01/19/2024	997	No				Series		Series			N/A
01/20/2024	998	--		X		Series		Series			N/A
01/22/2024	1,000	No	X			Series		Series		X	N/A
01/23/2024	1,001	No				Series		Series			N/A
01/24/2024	1,002	No				Series		Series			N/A
01/25/2024	1,003	No				Series		Series			N/A
01/26/2024	1,004	No				Series		Series			N/A
01/29/2024	1,007	No	X			Series		Series		X	N/A
01/30/2024	1,008	No				Series		Series			N/A
01/31/2024	1,009	No		X		Series		Series			N/A
02/01/2024	1,010	No	X	X		Series		Series			N/A
02/02/2024	1,011	No				Series		Batch Mode			Closed inlet and mid valves.
02/05/2024	1,014	No				Batch Mode		Batch Mode		X	N/A
02/06/2024	1,015	No				Batch Mode		Batch Mode			N/A
02/07/2024	1,016	No				Batch Mode		Batch Mode			N/A
02/08/2024	1,017	No				Batch Mode		Batch Mode			N/A
02/09/2024	1,018	No				Batch Mode		Series			Opened inlet and mid valves.
02/12/2024	1,021	No				Series		Series		X	N/A
02/13/2024	1,022	No		X		Series		Series			N/A
02/14/2024	1,023	No		X		Series		Series			N/A
02/15/2024	1,024	No				Series		Series			N/A
02/16/2024	1,025	No				Series		Series			Skimmed and fluffed FB2.
02/19/2024	1,028	No				Series		Batch Mode		X	Closed inlet and mid valves.
02/20/2024	1,029	No				Batch Mode		Batch Mode			N/A
02/21/2024	1,030	No				Batch Mode		Batch Mode			N/A
02/22/2024	1,031	No				Batch Mode		Batch Mode			N/A
02/23/2024	1,032	No				Batch Mode		Batch Mode			N/A
02/26/2024	1,035	No				Batch Mode		Batch Mode		X	N/A
02/27/2024	1,036	No				Batch Mode		Batch Mode			N/A
02/28/2024	1,037	No				Batch Mode		Batch Mode			N/A
02/29/2024	1,038	No				Batch Mode		Batch Mode			N/A

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
03/01/2024	1,039	No	X			Batch Mode		Series			Opened inlet and mid valves.
03/02/2024	1,040	No		X		Series		Series			N/A
03/04/2024	1,042	No				Series		Series		X	N/A
03/05/2024	1,043	No				Series		Series			N/A
03/06/2024	1,044	No				Series		Closed	Lead		N/A
03/07/2024	1,045	Yes		X		Closed	Lead	Parallel			N/A
03/08/2024	1,046	No				Parallel		Series			Skimmed and fluffed FB1 and FB2.
03/10/2024	1,048	No				Series		Series			N/A
03/11/2024	1,049	No	X	X		Series		Closed	Lead	X	N/A
03/12/2024	1,050	No				Closed	Lead	Closed	Lead		N/A
03/13/2024	1,051	No				Closed	Lead	Series			Pumped water into cell. Skimmed and fluffed FB2.
03/14/2024	1,052	No				Series		Batch Mode			Closed inlet and mid valves.
03/15/2024	1,053	No				Batch Mode		Batch Mode			Pumped water into cell.
03/18/2024	1,056	No	X			Batch Mode		Batch Mode		X	N/A
03/19/2024	1,057	No				Batch Mode		Batch Mode			N/A
03/20/2024	1,058	No				Batch Mode		Batch Mode			N/A
03/21/2024	1,059	No				Batch Mode		Batch Mode			N/A
03/22/2024	1,060	No				Batch Mode		Series			Opened inlet and mid valves.
03/23/2024	1,061	--		X		Series		Series			N/A
03/25/2024	1,063	No				Series		Series		X	N/A
03/26/2024	1,064	No				Series		Series			N/A
03/27/2024	1,065	No				Series		Series			N/A
03/28/2024	1,066	No		X		Series		Series			N/A
03/29/2024	1,067	No				Series		Batch Mode			Closed inlet and mid valves.

Notes:
1 - Batch Mode indicates the inlet and transfer basin valves were closed and the flow-through cell experienced no flow.
2 - The "Notes" column that previously documented instances of flow and amount of freeboard observed has been replaced by Figures 2-2A-D and Figures 2-5A-D, showing discharge flow rates and staff gauge data at FTCs A-D.
FB1 - Filter Bed 1
FB2 - Filter Bed 2
N/A - Not Applicable

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
01/02/2024	939	No				Series		Batch Mode		X	Closed inlet and mid valves.
01/03/2024	940	No				Batch Mode		Batch Mode			N/A
01/04/2024	941	No				Batch Mode		Batch Mode			N/A
01/05/2024	942	No				Batch Mode		Batch Mode			N/A
01/07/2024	944	No				Batch Mode		Batch Mode			N/A
01/08/2024	945	No				Batch Mode		Batch Mode		X	N/A
01/09/2024	946	No				Batch Mode		Series			Opened inlet and mid valves.
01/10/2024	947	No		X		Series		Series			N/A
01/16/2024	953	No				Series		Series		X	N/A
01/17/2024	954	No				Series		Series			N/A
01/18/2024	955	No				Series		Series			N/A
01/19/2024	956	No				Series		Series			Skimmed and fluffed FB1 and FB2 and replaced fabric.
01/20/2024	957	--		X		Series		Series			N/A
01/22/2024	959	No	X			Series		Series		X	N/A
01/23/2024	960	No				Series		Series			N/A
01/24/2024	961	No				Series		Series			N/A
01/25/2024	962	No		X		Series		Series			N/A
01/26/2024	963	No				Series		Series			N/A
01/29/2024	966	No	X			Series		Series		X	N/A
01/30/2024	967	No				Series		Series			N/A
01/31/2024	968	No		X		Series		Series			N/A
02/01/2024	969	No	X	X		Series		Batch Mode			Closed inlet and mid valves.
02/02/2024	970	No				Batch Mode		Batch Mode			N/A
02/05/2024	973	No				Batch Mode		Batch Mode		X	N/A
02/06/2024	974	No				Batch Mode		Batch Mode			N/A
02/07/2024	975	No				Batch Mode		Batch Mode			N/A
02/08/2024	976	No				Batch Mode		Batch Mode			N/A
02/09/2024	977	No				Batch Mode		Series			Opened inlet and mid valves.
02/12/2024	980	No				Series		Series		X	N/A
02/13/2024	981	No		X		Series		Series			N/A
02/14/2024	982	No		X		Series		Series			N/A
02/15/2024	983	No				Series		Series			N/A
02/16/2024	984	No				Series		Batch Mode			Closed inlet and mid valves.
02/19/2024	987	No				Batch Mode		Batch Mode		X	N/A
02/20/2024	988	No				Batch Mode		Batch Mode			N/A
02/21/2024	989	No				Batch Mode		Closed	Batch Mode		N/A
02/22/2024	990	No				Changeout	Batch Mode	Batch Mode			Carbon changeout FB1.
02/23/2024	991	No				Batch Mode		Batch Mode			N/A
02/26/2024	994	No				Batch Mode		Batch Mode		X	N/A
02/27/2024	995	No				Batch Mode		Batch Mode			N/A
02/28/2024	996	No				Batch Mode		Batch Mode			N/A
02/29/2024	997	No				Batch Mode		Batch Mode			N/A

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
03/01/2024	998	No	X			Batch Mode		Series			Opened inlet and mid valves.
03/02/2024	999	No		X		Series		Series			N/A
03/04/2024	1,001	No				Series		Series		X	N/A
03/05/2024	1,002	No				Series		Series			N/A
03/06/2024	1,003	No				Series		Series			N/A
03/07/2024	1,004	No		X		Series		Series			N/A
03/08/2024	1,005	No				Series		Series			N/A
03/10/2024	1,007	No				Series		Series			N/A
03/11/2024	1,008	No	X	X		Series		Series		X	N/A
03/12/2024	1,009	No				Series		Batch Mode			Closed inlet and mid valves.
03/13/2024	1,010	No				Batch Mode		Batch Mode			N/A
03/14/2024	1,011	No				Batch Mode		Batch Mode			N/A
03/15/2024	1,012	No				Batch Mode		Batch Mode			N/A
03/18/2024	1,015	No				Batch Mode		Batch Mode		X	N/A
03/19/2024	1,016	No				Batch Mode		Batch Mode			N/A
03/20/2024	1,017	No				Batch Mode		Batch Mode			N/A
03/21/2024	1,018	No				Batch Mode		Batch Mode			N/A
03/22/2024	1,019	No				Batch Mode		Series			Opened inlet and mid valves.
03/23/2024	1,020	--		X		Series		Series			N/A
03/25/2024	1,022	No				Series		Series		X	N/A
03/26/2024	1,023	No				Series		Series			N/A
03/27/2024	1,024	No				Series		Series			N/A
03/28/2024	1,025	No		X		Series		Series			N/A
03/29/2024	1,026	No				Series		Batch Mode			Closed inlet and mid valves.

Notes:
1 - Batch Mode indicates the inlet and transfer basin valves were closed and the flow-through cell experienced no flow.
2 - The "Notes" column that previously documented instances of flow and amount of freeboard observed has been replaced by Figures 2-2A-D and Figures 2-5A-D, showing discharge flow rates and staff gauge data at FTCs A-D.
FB1 - Filter Bed 1
FB2 - Filter Bed 2
N/A - Not Applicable

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
01/02/2024	1,113	No	X			Series		Series		X	N/A
01/03/2024	1,114	No				Series		Series			N/A
01/04/2024	1,115	No				Changeout	Lead	Series			Carbon changeout FB1.
01/05/2024	1,116	No				Series		Series			N/A
01/06/2024	1,117	-		X		Series		Series			N/A
01/07/2024	1,118	No				Series		Closed	Lead		FB2 run in sole.
01/08/2024	1,119	No	X			Series		Parallel		X	N/A
01/09/2024	1,120	No				Parallel		Parallel			N/A
01/10/2024	1,121	No		X		Parallel		Parallel			N/A
01/16/2024	1,127	Yes				Parallel		Parallel		X	N/A
01/17/2024	1,128	No				Parallel		Lag	Lead		Skimmed and fluffed FB1 and FB2.
01/18/2024	1,129	No				Series		Series			N/A
01/19/2024	1,130	No				Series		Series			N/A
01/20/2024	1,131	--		X		Series		Series			N/A
01/22/2024	1,133	No	X			Series		Series		X	N/A
01/23/2024	1,134	No				Series		Series			N/A
01/24/2024	1,135	No				Series		Series			N/A
01/25/2024	1,136	No				Series		Series			N/A
01/26/2024	1,137	No				Series		Series			N/A
01/29/2024	1,140	No	X			Series		Series		X	N/A
01/30/2024	1,141	No				Series		Series			N/A
01/31/2024	1,142	No		X		Series		Series			N/A
02/01/2024	1,143	No	X	X		Series		Series			N/A
02/02/2024	1,144	No				Series		Batch Mode			Closed inlet and mid valves.
02/05/2024	1,147	No				Batch Mode		Batch Mode		X	N/A
02/06/2024	1,148	No				Batch Mode		Batch Mode			N/A
02/07/2024	1,149	No				Batch Mode		Batch Mode			N/A
02/08/2024	1,150	No				Batch Mode		Batch Mode			N/A
02/09/2024	1,151	No				Batch Mode		Series			Opened inlet and mid valves.
02/12/2024	1,154	No				Series		Closed	Lead	X	Placed FB2 in sole processing.
02/13/2024	1,155	No		X		Closed	Lead	Closed	Lead		N/A
02/14/2024	1,156	No		X		Closed	Lead	Series			Skimmed and fluffed FB2.
02/15/2024	1,157	No				Series		Series			N/A
02/16/2024	1,158	No				Series		Batch Mode			Closed inlet and mid valves.
02/19/2024	1,161	No				Batch Mode		Batch Mode		X	N/A
02/20/2024	1,162	No				Batch Mode		Batch Mode			N/A
02/21/2024	1,163	No				Batch Mode		Batch Mode			N/A
02/22/2024	1,164	No				Batch Mode		Series			Opened inlet and mid valves.
02/23/2024	1,165	No				Series		Series			N/A
02/24/2024	1,166	--		X		Series		Series			N/A
02/26/2024	1,168	No				Series		Batch Mode		X	Closed inlet and mid valves.
02/27/2024	1,169	No				Batch Mode		Batch Mode			N/A
02/28/2024	1,170	No				Batch Mode		Batch Mode			N/A
02/29/2024	1,171	No				Batch Mode		Batch Mode			N/A

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
03/01/2024	1,172	No	X			Batch Mode		Series			Opened inlet and mid valves.
03/02/2024	1,173	No		X		Series		Closed	Lead		Placed FB2 in sole processing.
03/04/2024	1,175	No				Closed	Lead	Series		X	N/A
03/05/2024	1,176	No				Series		Series			Skimmed and fluffed FB2.
03/06/2024	1,177	Yes				Series		Closed	Lead		N/A
03/07/2024	1,178	No		X		Closed	Lead	Closed	Lead		N/A
03/08/2024	1,179	No				Closed	Lead	Series			Skimmed and fluffed FB2.
03/10/2024	1,181	No				Series		Series			N/A
03/11/2024	1,182	No	X	X		Series		Series		X	N/A
03/12/2024	1,183	No				Series		Series			N/A
03/13/2024	1,184	No				Series		Series			N/A
03/14/2024	1,185	No				Series		Series			N/A
03/15/2024	1,186	No				Series		Batch Mode			Closed inlet and mid valves. Pumped water into cell.
03/18/2024	1,189	No	X			Batch Mode		Batch Mode		X	Skimmed and fluffed FB2.
03/19/2024	1,190	No				Batch Mode		Batch Mode			N/A
03/20/2024	1,191	No				Batch Mode		Batch Mode			Pumped water into cell.
03/21/2024	1,192	No				Batch Mode		Batch Mode			N/A
03/22/2024	1,193	No				Batch Mode		Series			Opened inlet and mid valves.
03/23/2024	1,194	--		X		Series		Series			N/A
03/25/2024	1,196	No				Series		Series		X	N/A
03/26/2024	1,197	No				Series		Series			N/A
03/27/2024	1,198	No				Series		Series			N/A
03/28/2024	1,199	Yes		X		Series		Series			N/A
03/29/2024	1,200	No				Series		Series			Skimmed and fluffed FB2.

Notes:
1 - Batch Mode indicates the inlet and transfer basin valves were closed and the flow-through cell experienced no flow.
2 - The "Notes" column that previously documented instances of flow and amount of freeboard observed has been replaced by Figures 2-2A-D and Figures 2-5A-D, showing discharge flow rates and staff gauge data at FTCs A-D.
FB1 - Filter Bed 1
FB2 - Filter Bed 2
N/A - Not Applicable

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
						Arrival		Departure			
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	FB1	FB2	FB1	FB2		
01/02/2024	923	No				Series		Batch Mode		X	Closed inlet and mid valves.
01/03/2024	924	No				Batch Mode		Batch Mode			N/A
01/04/2024	925	No				Batch Mode		Batch Mode			N/A
01/05/2024	926	No				Batch Mode		Batch Mode			N/A
01/07/2024	928	No				Batch Mode		Batch Mode			N/A
01/08/2024	929	No				Batch Mode		Batch Mode		X	N/A
01/09/2024	930	No				Batch Mode		Series			Opened inlet and mid valves.
01/10/2024	931	No		X		Series		Series			N/A
01/16/2024	937	Yes				Series		Series		X	N/A
01/17/2024	938	No				Series		Series			N/A
01/18/2024	939	No				Series		Series			Skimmed and fluffed FB1 and FB2.
01/19/2024	940	No				Series		Series			N/A
01/20/2024	941	--		X		Series		Series			N/A
01/22/2024	943	No	X			Series		Series		X	Backflushed FB2.
01/23/2024	944	No				Series		Series			Skimmed and fluffed FB2.
01/24/2024	945	No				Series		Series			N/A
01/25/2024	946	No		X		Series		Series			N/A
01/26/2024	947	No				Series		Series			N/A
01/29/2024	950	No	X			Series		Series		X	N/A
01/30/2024	951	No				Series		Series			N/A
01/31/2024	952	No		X		Series		Lead	Closed		N/A
02/01/2024	953	No	X	X		Lead	Closed	Lead	Closed		Removed carbon at FB2.
02/02/2024	954	No				Lead	Changeout	Batch Mode			Carbon changeout at FB2. Closed inlet and mid valves.
02/05/2024	957	No				Batch Mode		Batch Mode		X	N/A
02/06/2024	958	No				Batch Mode		Batch Mode			N/A
02/07/2024	959	No				Batch Mode		Batch Mode			N/A
02/08/2024	960	No				Batch Mode		Batch Mode			N/A
02/09/2024	961	No				Batch Mode		Series			Opened inlet and mid valves.
02/12/2024	964	No				Series		Series		X	N/A
02/13/2024	965	No		X		Series		Series			N/A
02/14/2024	966	No		X		Series		Series			N/A
02/15/2024	967	No				Series		Series			N/A
02/16/2024	968	No				Series		Batch Mode			Closed inlet and mid valves.
02/19/2024	971	No				Batch Mode		Batch Mode		X	N/A
02/20/2024	972	No				Batch Mode		Batch Mode			N/A
02/21/2024	973	No				Batch Mode		Batch Mode			N/A
02/22/2024	974	No				Batch Mode		Batch Mode			N/A
02/23/2024	975	No				Batch Mode		Batch Mode			N/A
02/26/2024	978	No				Batch Mode		Batch Mode		X	N/A
02/27/2024	979	No				Batch Mode		Batch Mode			N/A
02/28/2024	980	No				Batch Mode		Batch Mode			N/A
02/29/2024	981	No				Batch Mode		Batch Mode			N/A

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure			
						FB1	FB2	FB1	FB2		
03/01/2024	982	No	X			Batch Mode		Series			Opened inlet and mid valves.
03/02/2024	983	No		X		Series		Series			N/A
03/04/2024	985	No				Series		Series		X	N/A
03/05/2024	986	No				Series		Series			N/A
03/06/2024	987	No				Series		Series			N/A
03/07/2024	988	No		X		Series		Series			N/A
03/08/2024	989	No				Series		Series			N/A
03/10/2024	991	No				Series		Series			N/A
03/11/2024	992	No	X	X		Series		Series		X	N/A
03/12/2024	993	No				Series		Batch Mode			Closed inlet and mid valves.
03/13/2024	994	No				Batch Mode		Batch Mode			N/A
03/14/2024	995	No				Batch Mode		Batch Mode			N/A
03/15/2024	996	No				Batch Mode		Batch Mode			N/A
03/18/2024	999	No				Batch Mode		Batch Mode		X	N/A
03/19/2024	1,000	No				Batch Mode		Batch Mode			N/A
03/20/2024	1,001	No				Batch Mode		Batch Mode			N/A
03/21/2024	1,002	No				Batch Mode		Batch Mode			N/A
03/22/2024	1,003	No				Batch Mode		Series			Opened inlet and mid valves.
03/23/2024	1,004	--		X		Series		Series			N/A
03/25/2024	1,006	No				Series		Series		X	N/A
03/26/2024	1,007	No				Series		Series			Skimmed and fluffed FB1.
03/27/2024	1,008	No				Series		Series			N/A
03/28/2024	1,009	No		X		Series		Series			N/A
03/29/2024	1,010	No				Series		Batch Mode			Closed inlet and mid valves.

Notes:
1 - Batch Mode indicates the inlet and transfer basin valves were closed and the flow-through cell experienced no flow.
2 - The "Notes" column that previously documented instances of flow and amount of freeboard observed has been replaced by Figures 2-2A-D and Figures 2-5A-D, showing discharge flow rates and staff gauge data at FTCs A-D.
FB1 - Filter Bed 1
FB2 - Filter Bed 2
N/A - Not Applicable

Table 2-2
Cape Fear River Elevation and Local Precipitation Statistics
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Seep	# of Days of Operation on Record	Percent of Operation Over Lifetime of System[2]			
		River Above FTC Wall Elevation	River Above Bypass Spillway Elevation	River Above GAC Elevation	River Above Discharge Pipe Invert Elevation
C	1,202	1.7%	2.2%	3.9%	9.8%
A	1,069	1.0%	1.2%	2.2%	6.4%
B	1,028	0.8%	1.1%	1.7%	4.5%
D	1,012	1.1%	1.2%	2.4%	6.8%
Historical Annual Average (2007-2020) [3,4]		1.7%	2.2%	3.7%	9.6%

Precipitation (inches)	
Current Reporting Period (January - March 2024)	9.49
Current Reporting Period Historical Average (January - March 2004-2020) [5]	7.96
2024 Year-to-Date	9.49
Historical Year-to-Date Average (2004-2020) [5]	7.96
Historical Annual Average (2004-2020) [5]	43.44

Notes:

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

Table 2-3A
FTC Sampling Summary - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-24-010624 SEEP-A-EFFLUENT-24-010624	January 6, 2024	January 6, 2024
SEEP-A-INFLUENT-24-011024 SEEP-A-EFFLUENT-24-011024	January 9 - January 10, 2024	January 10, 2024
SEEP-A-INFLUENT-24-012024 SEEP-A-EFFLUENT-24-012024	January 20, 2024	January 20, 2024
SEEP-A-INFLUENT-24-013124 SEEP-A-EFFLUENT-24-013124	January 30 - January 31, 2024	January 31, 2024
SEEP-A-INFLUENT-24-020124 SEEP-A-EFFLUENT-24-020124	January 31 - February 1, 2024	February 1, 2024
SEEP-A-INFLUENT-24-021324 SEEP-A-EFFLUENT-24-021324	February 12 - February 13, 2024	February 13, 2024
SEEP-A-INFLUENT-24-021424 SEEP-A-EFFLUENT-24-021424	February 13 - February 14, 2024	February 14, 2024
SEEP-A-INFLUENT-24-030224 SEEP-A-EFFLUENT-24-030224	March 1 - March 2, 2024	March 2, 2024
SEEP-A-INFLUENT-24-030724 SEEP-A-EFFLUENT-24-030724	March 6 - March 7, 2024	March 7, 2024
SEEP-A-INFLUENT-24-031124 SEEP-A-EFFLUENT-24-031124	March 10 - March 11, 2024	March 11, 2024
SEEP-A-INFLUENT-24-032324 SEEP-A-EFFLUENT-24-032324	March 23, 2024	March 23, 2024
SEEP-A-INFLUENT-24-032824 SEEP-A-EFFLUENT-24-032824	March 27 - March 28, 2024	March 28, 2024

Notes:

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

2 - The FTC was operating under batch mode for part of January, February, and March 2024. Performance samples were not collected while the FTC was closed.

Table 2-3B
FTC Sampling Summary - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-B-INFLUENT-24-011024 SEEP-B-EFFLUENT-24-011024	January 9 - January 10, 2024	January 10, 2024
SEEP-B-INFLUENT-24-012024 SEEP-B-EFFLUENT-24-012024	January 20, 2024	January 20, 2024
SEEP-B-INFLUENT-24-012524 SEEP-B-EFFLUENT-24-012524	January 24 - January 25, 2024	January 25, 2024
SEEP-B-INFLUENT-24-013124 SEEP-B-EFFLUENT-24-013124	January 30 - January 31, 2024	January 31, 2024
SEEP-B-INFLUENT-24-020124 SEEP-B-EFFLUENT-24-020124	January 31 - February 1, 2024	February 1, 2024
SEEP-B-INFLUENT-24-021324 SEEP-B-EFFLUENT-24-021324	February 12 - February 13, 2024	February 13, 2024
SEEP-B-INFLUENT-24-021424 SEEP-B-EFFLUENT-24-021424	February 13 - February 14, 2024	February 14, 2024
SEEP-B-INFLUENT-24-030224 SEEP-B-EFFLUENT-24-030224	March 1 - March 2, 2024	March 2, 2024
SEEP-B-INFLUENT-24-030724 SEEP-B-EFFLUENT-24-030724	March 6 - March 7, 2024	March 7, 2024
SEEP-B-INFLUENT-24-031124 SEEP-B-EFFLUENT-24-031124	March 10 - March 11, 2024	March 11, 2024
SEEP-B-INFLUENT-24-032324 SEEP-B-EFFLUENT-24-032324	March 23, 2024	March 23, 2024
SEEP-B-INFLUENT-24-032824 SEEP-B-EFFLUENT-24-032824	March 27 - March 28, 2024	March 28, 2024

Notes:

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

2 - The FTC was operating under batch mode for part of January, February, and March 2024. Performance samples were not collected while the FTC was closed.

Table 2-3C
FTC Sampling Summary - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-24-010624 SEEP-C-EFFLUENT-24-010624	January 6, 2024	January 6, 2024
SEEP-C-INFLUENT-24-011024 SEEP-C-EFFLUENT-24-011024	January 9 - January 10, 2024	January 10, 2024
SEEP-C-INFLUENT-24-012024 SEEP-C-EFFLUENT-24-012024	January 20, 2024	January 20, 2024
SEEP-C-INFLUENT-24-013124 SEEP-C-EFFLUENT-24-013124	January 30 - January 31, 2024	January 31, 2024
SEEP-C-INFLUENT-24-020124 SEEP-C-EFFLUENT-24-020124	January 31 - February 1, 2024	February 1, 2024
SEEP-C-INFLUENT-24-021324 SEEP-C-EFFLUENT-24-021324	February 12 - February 13, 2024	February 13, 2024
SEEP-C-INFLUENT-24-021424 SEEP-C-EFFLUENT-24-021424	February 13 - February 14, 2024	February 14, 2024
SEEP-C-INFLUENT-24-022424 SEEP-C-EFFLUENT-24-022424	February 23 - February 24, 2024	February 24, 2024
SEEP-C-INFLUENT-24-030224 SEEP-C-EFFLUENT-24-030224	March 1 - March 2, 2024	March 2, 2024
SEEP-C-INFLUENT-24-030724 SEEP-C-EFFLUENT-24-030724	March 6 - March 7, 2024	March 7, 2024
SEEP-C-INFLUENT-24-031124 SEEP-C-EFFLUENT-24-031124	March 10 - March 11, 2024	March 11, 2024
SEEP-C-INFLUENT-24-032324 SEEP-C-EFFLUENT-24-032324	March 23, 2024	March 23, 2024
SEEP-C-INFLUENT-24-032824 SEEP-C-EFFLUENT-24-032824	March 27 - March 28, 2024	March 28, 2024

Notes:
1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
2 - The FTC was operating under batch mode for part of February and March 2024. Performance samples were not collected while the FTC was closed.

Table 2-3D
FTC Sampling Summary - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-D-INFLUENT-24-011024 SEEP-D-EFFLUENT-24-011024	January 9 - January 10, 2024	January 10, 2024
SEEP-D-INFLUENT-24-012024 SEEP-D-EFFLUENT-24-012024	January 20, 2024	January 20, 2024
SEEP-D-INFLUENT-24-012524 SEEP-D-EFFLUENT-24-012524	January 24 - January 25, 2024	January 25, 2024
SEEP-D-INFLUENT-24-013124 SEEP-D-EFFLUENT-24-013124	January 30 - January 31, 2024	January 31, 2024
SEEP-D-INFLUENT-24-020124 SEEP-D-EFFLUENT-24-020124	January 31 - February 1, 2024	February 1, 2024
SEEP-D-INFLUENT-24-021324 SEEP-D-EFFLUENT-24-021324	February 12 - February 13, 2024	February 13, 2024
SEEP-D-INFLUENT-24-021424 SEEP-D-EFFLUENT-24-021424	February 13 - February 14, 2024	February 14, 2024
SEEP-D-INFLUENT-24-030224 SEEP-D-EFFLUENT-24-030224	March 1 - March 2, 2024	March 2, 2024
SEEP-D-INFLUENT-24-030724 SEEP-D-EFFLUENT-24-030724	March 6 - March 7, 2024	March 7, 2024
SEEP-D-INFLUENT-24-031124 SEEP-D-EFFLUENT-24-031124	March 10 - March 11, 2024	March 11, 2024
SEEP-D-INFLUENT-24-032324 SEEP-D-EFFLUENT-24-032324	March 23, 2024	March 23, 2024
SEEP-D-INFLUENT-24-032824 SEEP-D-EFFLUENT-24-032824	March 27 - March 28, 2024	March 28, 2024

Notes:

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

2 - The FTC was operating under batch mode for part of January, February, and March 2024. Performance samples were not collected while the FTC was closed.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-24-010624** Sample Date: 6-Jan-24	**SEEP-A-EFFLUENT-24-010624** Sample Date: 6-Jan-24	**Percent Removal**	**SEEP-A-INFLUENT-24-011024** Sample Date: 10-Jan-24	**SEEP-A-EFFLUENT-24-011024** Sample Date: 10-Jan-24	**Percent Removal**	**SEEP-A-INFLUENT-24-012024** Sample Date: 20-Jan-24	**SEEP-A-EFFLUENT-24-012024** Sample Date: 20-Jan-24	**Percent Removal**	**SEEP-A-INFLUENT-24-013124** Sample Date: 31-Jan-24	**SEEP-A-EFFLUENT-24-013124** Sample Date: 31-Jan-24	**Percent Removal**
Hfpo Dimer Acid	**7,100**	**6.1**	99.9%	**4,900**	**2.5**	>99.9%	**6,400**	<2.0	>99.9%	**7,700**	**2.9**	>99.9%
PFMOAA	**21,000**	**75**	99.6%	**12,000**	**43**	99.6%	**12,000**	**16**	99.9%	**18,000**	**36**	99.8%
PFO2HxA	**13,000**	**20**	99.8%	**9,100**	**5.6**	99.9%	**8,500**	**2.1**	>99.9%	**12,000**	**6.8**	99.9%
PFO3OA	**3,600**	**5.6**	99.8%	**2,900**	<2.0	>99.9%	**2,400**	<2.0	>99.9%	**3,500**	<2.0	>99.9%
PFO4DA	**1,500**	<2.0	>99.9%	**1,500**	<2.0	>99.9%	**920**	<2.0	>99.9%	**1,600**	<2.0	>99.9%
PFO5DA	**710**	<2.0	>99.9%	**760**	<2.0	>99.9%	**330**	<2.0	>99.9%	**730**	<2.0	>99.9%
PMPA	**7,100**	**20**	99.7%	**4,100**	**13**	99.7%	**4,600**	<10	>99.9%	**6,400**	**14**	99.8%
PEPA	**2,500**	<20	>99.9%	**1,400**	<20	>99.9%	**1,800**	<20	>99.9%	**2,600**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	**200**	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**220**	<2.0	>99.9%	**210**	<2.0	>99.9%	**140**	<2.0	>99.9%	**290**	<2.0	>99.9%
R-PSDA	**530 J**	<2.0	>99.9%	**460 J**	<2.0	>99.9%	**640 J**	<2.0	>99.9%	**570 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,800 J**	<2.0	>99.9%	**1,200 J**	<2.0	>99.9%	**870 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	<2.0	>99.9%
NVHOS, Acid Form	**280**	<2.0	>99.9%	**190**	<2.0	>99.9%	**200**	<2.0	>99.9%	**350**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	**84**	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**230**	<2.0	>99.9%	**220**	<2.0	>99.9%	**140**	<2.0	>99.9%	**260**	<2.0	>99.9%
R-EVE	**290 J**	<2.0	>99.9%	**180 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**57,000**	**130**	**99.8%**	**38,000**	**64**	**99.8%**	**37,000**	**18**	**>99.9%**	**53,000**	**60**	**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.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-24-020124** Sample Date: 01-Feb-24	**SEEP-A-EFFLUENT-24-020124** Sample Date: 01-Feb-24	**Percent Removal**	**SEEP-A-INFLUENT-24-021324** Sample Date: 13-Feb-24	**SEEP-A-EFFLUENT-24-021324** Sample Date: 13-Feb-24	**Percent Removal**	**SEEP-A-INFLUENT-24-021424** Sample Date: 14-Feb-24	**SEEP-A-EFFLUENT-24-021424** Sample Date: 14-Feb-24	**Percent Removal**	**SEEP-A-INFLUENT-24-030224** Sample Date: 2-Mar-24	**SEEP-A-EFFLUENT-24-030224** Sample Date: 2-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**7,800**	**2.8**	>99.9%	**8,400**	**2.0**	>99.9%	**8,900**	<2.0	>99.9%	**12,000**	**2.0**	>99.9%
PFMOAA	**20,000**	**37**	99.8%	**20,000**	**23 J**	99.9%	**21,000**	**16**	99.9%	**23,000**	**18**	99.9%
PFO2HxA	**13,000**	**7.5**	99.9%	**13,000**	**4.8**	>99.9%	**12,000**	**4.5**	>99.9%	**17,000**	**2.2**	>99.9%
PFO3OA	**3,800**	<2.0	>99.9%	**3,600**	<2.0	>99.9%	**3,200**	<2.0	>99.9%	**4,600**	<2.0	>99.9%
PFO4DA	**1,700**	<2.0	>99.9%	**1,300**	<2.0	>99.9%	**1,300**	<2.0	>99.9%	**1,700**	<2.0	>99.9%
PFO5DA	**840**	<2.0	>99.9%	**690**	<2.0	>99.9%	**550**	<2.0	>99.9%	**690**	<2.0	>99.9%
PMPA	**6,900**	**15**	99.8%	**6,800**	**12**	99.8%	**6,500**	<10	>99.9%	**9,200**	<10	>99.9%
PEPA	**2,700**	<20	>99.9%	**2,800**	<20	>99.9%	**2,700**	<20	>99.9%	**3,600**	<10	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**310**	<2.0	>99.9%	**270**	<2.0	>99.9%	**220**	<2.0	>99.9%	**290**	<2.0	>99.9%
R-PSDA	**600 J**	<2.0	>99.9%	**620 J**	<2.0	>99.9%	**810 J**	<2.0	>99.9%	**830 J**	<2.0	>99.9%
Hydrolyzed PSDA	**2,000 J**	<2.0	>99.9%	**1,900 J**	<2.0	>99.9%	**2,000 J**	<2.0	>99.9%	**2,300 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**370**	<2.0	>99.9%	**360**	<2.0	>99.9%	**350**	<2.0	>99.9%	**420**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**280**	<2.0	>99.9%	**270**	<2.0	>99.9%	**240**	<2.0	>99.9%	**280**	<2.0	>99.9%
R-EVE	**320 J**	<2.0	>99.9%	**320 J**	<2.0	>99.9%	**390 J**	<2.0	>99.9%	**470 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%	<50	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27 UJ	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**58,000**	**62**	**99.9%**	**57,000**	**42**	**99.9%**	**57,000**	**21**	**>99.9%**	**73,000**	**22**	**>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.
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
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-24-030724** Sample Date: 7-Mar-24	**SEEP-A-EFFLUENT-24-030724** Sample Date: 7-Mar-24	**Percent Removal**	**SEEP-A-INFLUENT-24-031124** Sample Date: 11-Mar-24	**SEEP-A-EFFLUENT-24-031124** Sample Date: 11-Mar-24	**Percent Removal**	**SEEP-A-INFLUENT-24-032324** Sample Date: 23-Mar-24	**SEEP-A-EFFLUENT-24-032324** Sample Date: 23-Mar-24	**Percent Removal**	**SEEP-A-INFLUENT-24-032824** Sample Date: 28-Mar-24	**SEEP-A-EFFLUENT-24-032824** Sample Date: 28-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**9,200**	<2.0	>99.9%	**8,100**	<2.0	>99.9%	**9,100**	<2.0	>99.9%	**9,600**	<2.0	>99.9%
PFMOAA	**12,000 J**	**13**	99.9%	**11,000**	**18**	99.8%	**18,000**	**36**	99.8%	**19,000 J**	**31**	99.8%
PFO2HxA	**11,000**	**2.7**	>99.9%	**10,000**	**3.2**	>99.9%	**13,000**	**3.3**	>99.9%	**13,000**	**3.8**	>99.9%
PFO3OA	**2,800**	<2.0	>99.9%	**3,100**	<2.0	>99.9%	**4,000**	<2.0	>99.9%	**3,700**	<2.0	>99.9%
PFO4DA	**1,300**	<2.0	>99.9%	**1,200**	<2.0	>99.9%	**1,500**	<2.0	>99.9%	**1,400**	<2.0	>99.9%
PFO5DA	**530**	<2.0	>99.9%	**610**	<2.0	>99.9%	**880**	<2.0	>99.9%	**580**	<2.0	>99.9%
PMPA	**5,700**	<10	>99.9%	**4,700**	<10	>99.9%	**7,100**	<10	>99.9%	**7,800**	<10	>99.9%
PEPA	**2,100**	<10	>99.9%	**2,000**	<10	>99.9%	**2,700**	<10	>99.9%	**3,100**	<10	>99.9%
PS Acid	**67**	<2.0	>99.9%	**140**	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**230**	<2.0	>99.9%	**230**	<2.0	>99.9%	**310**	<2.0	>99.9%	**240**	<2.0	>99.9%
R-PSDA	**570 J**	<2.0	>99.9%	**880 J**	<2.0	>99.9%	**870 J**	<2.0	>99.9%	**750 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,200 J**	<2.0	>99.9%	**1,300 J**	<2.0	>99.9%	**1,700 J**	<2.0	>99.9%	**1,600 J**	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**240**	<2.0	>99.9%	**230**	<2.0	>99.9%	**310**	<2.0	>99.9%	**330**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	**57**	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**180**	<2.0	>99.9%	**200**	<2.0	>99.9%	**290**	<2.0	>99.9%	**230**	<2.0	>99.9%
R-EVE	**280 J**	<2.0	>99.9%	**370 J**	<2.0	>99.9%	**400 J**	<2.0	>99.9%	**380 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**45,000**	**16**	**>99.9%**	**42,000**	**21**	**>99.9%**	**57,000**	**39**	**99.9%**	**59,000**	**35**	**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.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4B
FTC Performance Monitoring Analytical Results - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-24-011024** Sample Date: 10-Jan-24	**SEEP-B-EFFLUENT-24-011024** Sample Date: 10-Jan-24	**Percent Removal**	**SEEP-B-INFLUENT-24-012024** Sample Date: 20-Jan-24	**SEEP-B-EFFLUENT-24-012024** Sample Date: 20-Jan-24	**Percent Removal**	**SEEP-B-INFLUENT-24-012524** Sample Date: 25-Jan-24	**SEEP-B-EFFLUENT-24-012524** Sample Date: 25-Jan-24	**Percent Removal**	**SEEP-B-INFLUENT-24-013124** Sample Date: 31-Jan-24	**SEEP-B-EFFLUENT-24-013124** Sample Date: 31-Jan-24	**Percent Removal**
Hfpo Dimer Acid	**3,300**	<2.0	>99.9%	**3,400**	<2.0	>99.9%	**3,300**	**4.9**	99.9%	**3,400**	**11**	99.7%
PFMOAA	**8,600**	**23**	99.7%	**5,700**	**14**	99.8%	**5,500**	**51**	99.1%	**5,700**	**140**	97.5%
PFO2HxA	**4,400**	**3.4**	99.9%	**3,700**	**2.1**	99.9%	**3,700**	**7.1**	99.8%	**3,800**	**19**	99.5%
PFO3OA	**960**	<2.0	>99.9%	**880**	<2.0	>99.9%	**770**	<2.0	>99.9%	**900**	<2.0	>99.9%
PFO4DA	**320**	<2.0	>99.9%	**210**	<2.0	>99.9%	**200**	<2.0	>99.9%	**220**	<2.0	>99.9%
PFO5DA	**98**	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**4,600**	<10	>99.9%	**3,600**	<10	>99.9%	**3,500**	**17**	99.5%	**3,600**	**40**	98.9%
PEPA	**1,700**	<20	>99.9%	**1,500**	<20	>99.9%	**1,400**	<20	>99.9%	**1,700**	<20	>99.9%
PS Acid	**130**	<2.0	>99.9%	**46**	<2.0	>99.9%	**36**	<2.0	>99.9%	**46**	<2.0	>99.9%
Hydro-PS Acid	**130**	<2.0	>99.9%	**81**	<2.0	>99.9%	**78**	<2.0	>99.9%	**120**	<2.0	>99.9%
R-PSDA	**270 J**	<2.0	>99.9%	**430 J**	<2.0	>99.9%	**370 J**	<2.0	>99.9%	**290 J**	<2.0	>99.9%
Hydrolyzed PSDA	**910 J**	<2.0	>99.9%	**940 J**	<2.0	>99.9%	**940 J**	<2.0	>99.9%	**1,100 J**	**4.9 J**	99.6%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**170**	<2.0	>99.9%	**160**	<2.0	>99.9%	**160**	<2.0	>99.9%	**220**	<2.0	>99.9%
EVE Acid	**150**	<2.0	>99.9%	**42**	<2.0	>99.9%	**30**	<2.0	>99.9%	**33**	<2.0	>99.9%
Hydro-EVE Acid	**210**	<2.0	>99.9%	**120**	<2.0	>99.9%	**120**	<2.0	>99.9%	**150**	<2.0	>99.9%
R-EVE	**210 J**	<2.0	>99.9%	**280 J**	<2.0	>99.9%	**260 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%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**25,000**	**26**	**99.9%**	**19,000**	**16**	**99.9%**	**19,000**	**80**	**99.6%**	**20,000**	**210**	**99.0%**

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4B
FTC Performance Monitoring Analytical Results - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-24-020124** Sample Date: 01-Feb-24	**SEEP-B-EFFLUENT-24-020124** Sample Date: 01-Feb-24	**Percent Removal**	**SEEP-B-INFLUENT-24-021324** Sample Date: 13-Feb-24	**SEEP-B-EFFLUENT-24-021324** Sample Date: 13-Feb-24	**Percent Removal**	**SEEP-B-INFLUENT-24-021424** Sample Date: 14-Feb-24	**SEEP-B-EFFLUENT-24-021424** Sample Date: 14-Feb-24	**Percent Removal**	**SEEP-B-INFLUENT-24-030224** Sample Date: 2-Mar-24	**SEEP-B-EFFLUENT-24-030224** Sample Date: 2-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**3,300**	**11**	99.7%	**4,400**	**15**	99.7%	**4,900**	**3.0**	99.9%	**6,800**	**9.9**	99.9%
PFMOAA	**5,900**	**150**	97.5%	**7,200**	**160**	97.8%	**10,000**	**21**	99.8%	**12,000**	**120**	99.0%
PFO2HxA	**3,800**	**21**	99.4%	**4,400**	**32**	99.3%	**5,300**	**8.8**	99.8%	**7,300**	**16**	99.8%
PFO3OA	**910**	**2.0**	99.8%	**1,100**	**2.2**	99.8%	**1,100**	<2.0	>99.9%	**1,700**	<2.0	>99.9%
PFO4DA	**220**	<2.0	>99.9%	**210**	<2.0	>99.9%	**260**	<2.0	>99.9%	**360**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	**88**	<2.0	>99.9%
PMPA	**3,600**	**43**	98.8%	**4,000**	**58**	98.6%	**5,200**	**12**	99.8%	**7,000**	**45**	99.4%
PEPA	**1,600**	<20	>99.9%	**1,900**	<20	>99.9%	**2,200**	<20	>99.9%	**3,000**	**11**	99.6%
PS Acid	**51**	<2.0	>99.9%	**36**	<2.0	>99.9%	<20	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**120**	<2.0	>99.9%	**110**	<2.0	>99.9%	**120**	<2.0	>99.9%	**180**	<2.0	>99.9%
R-PSDA	**280 J**	<2.0	>99.9%	**360 J**	**2.4 J**	99.3%	**470 J**	<2.0	>99.9%	**570 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,100 J**	**5.3 J**	99.5%	**1,400 J**	**7.2 J**	99.5%	**940 J**	<2.0	>99.9%	**1,700 J**	**3.6 J**	99.8%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**230**	<2.0	>99.9%	**330**	**2.2**	99.3%	**260**	<2.0	>99.9%	**310**	<2.0	>99.9%
EVE Acid	**30**	<2.0	>99.9%	**23**	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**150**	<2.0	>99.9%	**150**	<2.0	>99.9%	**170**	<2.0	>99.9%	**200**	<2.0	>99.9%
R-EVE	**210 J**	<2.0	>99.9%	**240 J**	<2.0	>99.9%	**280 J**	<2.0	>99.9%	**370 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%	<50	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**20,000**	**230**	**98.9%**	**24,000**	**270**	**98.9%**	**30,000**	**45**	**99.9%**	**39,000**	**200**	**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.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4B
FTC Performance Monitoring Analytical Results - Seep B
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-24-030724** Sample Date: 7-Mar-24	**SEEP-B-EFFLUENT-24-030724** Sample Date: 7-Mar-24	**Percent Removal**	**SEEP-B-INFLUENT-24-031124** Sample Date: 11-Mar-24	**SEEP-B-EFFLUENT-24-031124** Sample Date: 11-Mar-24	**Percent Removal**	**SEEP-B-INFLUENT-24-032324** Sample Date: 23-Mar-24	**SEEP-B-EFFLUENT-24-032324** Sample Date: 23-Mar-24	**Percent Removal**	**SEEP-B-INFLUENT-24-032824** Sample Date: 28-Mar-24	**SEEP-B-EFFLUENT-24-032824** Sample Date: 28-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**4,000**	**2.5**	99.9%	**6,600**	**2.7**	>99.9%	**7,900**	**5.8**	99.93%	**8,200**	**9.2**	99.9%
PFMOAA	**4,800**	**39**	99.2%	**9,400**	**24**	99.7%	**16,000**	**120**	99.25%	**14,000**	**190**	98.6%
PFO2HxA	**3,800**	**5.8**	99.8%	**7,200**	**3.5**	>99.9%	**9,700**	**12**	99.88%	**9,400**	**23**	99.8%
PFO3OA	**750**	<2.0	>99.9%	**1,800**	<2.0	>99.9%	**2,300**	<2.0	>99.9%	**2,300**	<2.0	>99.9%
PFO4DA	**270**	<2.0	>99.9%	**450**	<2.0	>99.9%	**590**	<2.0	>99.9%	**500**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	**110**	<2.0	>99.9%	**150**	<2.0	>99.9%	**130**	<2.0	>99.9%
PMPA	**3,600**	**12**	99.7%	**6,300**	**10**	99.8%	**8,800**	**35**	99.60%	**8,900**	**56**	99.4%
PEPA	**1,400**	<10	>99.9%	**2,600**	<10	>99.9%	**3,600**	<10	>99.9%	**3,400**	**10**	99.7%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**110**	<2.0	>99.9%	**190**	<2.0	>99.9%	**250**	<2.0	>99.9%	**250**	<2.0	>99.9%
R-PSDA	**260 J**	<2.0	>99.9%	**590 J**	<2.0	>99.9%	**780 J**	<2.0	>99.9%	**740 J**	<2.0	>99.9%
Hydrolyzed PSDA	**440 J**	<2.0	>99.9%	**760 J**	<2.0	>99.9%	**1,900 J**	**4.7 J**	99.75%	**1,600 J**	**5.9 J**	99.6%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**120**	<2.0	>99.9%	**240**	<2.0	>99.9%	**380**	<2.0	>99.9%	**350**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**110**	<2.0	>99.9%	**200**	<2.0	>99.9%	**280**	<2.0	>99.9%	**280**	<2.0	>99.9%
R-EVE	**190 J**	<2.0	>99.9%	**350 J**	<2.0	>99.9%	**540 J**	<2.0	>99.9%	**540 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**19,000**	**59**	**99.7%**	**35,000**	**40**	**99.9%**	**50,000**	**170**	**99.7%**	**48,000**	**290**	**99.4%**

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-010624** Sample Date: 6-Jan-24	**SEEP-C-EFFLUENT-24-010624** Sample Date: 6-Jan-24	**Percent Removal**	**SEEP-C-INFLUENT-24-011024** Sample Date: 10-Jan-24	**SEEP-C-EFFLUENT-24-011024** Sample Date: 10-Jan-24	**Percent Removal**	**SEEP-C-INFLUENT-24-012024** Sample Date: 20-Jan-24	**SEEP-C-EFFLUENT-24-012024** Sample Date: 20-Jan-24	**Percent Removal**	**SEEP-C-INFLUENT-24-013124** Sample Date: 31-Jan-24	**SEEP-C-EFFLUENT-24-013124** Sample Date: 31-Jan-24	**Percent Removal**
Hfpo Dimer Acid	**7,100**	**10**	99.9%	**3,900**	**18**	99.5%	**6,200**	**7.5**	99.9%	**4,900**	**9.2**	99.8%
PFMOAA	**13,000**	**71**	99.5%	**8,300**	**32**	99.6%	**10,000**	**45**	99.6%	**9,500**	**68**	99.3%
PFO2HxA	**8,700**	**22**	99.7%	**5,100**	**11**	99.8%	**6,700**	**9.3**	99.9%	**6,100**	**14**	99.8%
PFO3OA	**3,200**	**4.9**	99.8%	**1,800**	**3.0**	99.8%	**2,700**	**2.1**	99.9%	**2,300**	**3.3**	99.9%
PFO4DA	**1,300**	<2.0	>99.9%	**840**	<2.0	>99.9%	**980**	<2.0	>99.9%	**870**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**3,600**	**17**	99.5%	**2,200**	**15**	99.3%	**2,700**	**16**	99.4%	**2,300**	**19**	99.2%
PEPA	**1,300**	<20	>99.9%	**720**	<20	>99.9%	**940**	<20	>99.9%	**920**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**190**	<2.0	>99.9%	**120**	<2.0	>99.9%	**140**	<2.0	>99.9%	**170**	<2.0	>99.9%
R-PSDA	**290 J**	<2.0	>99.9%	**180 J**	<2.0	>99.9%	**430 J**	<2.0	>99.9%	**240 J**	<2.0	>99.9%
Hydrolyzed PSDA	<38	<2.0	>99.9%	<38	<2.0	>99.9%	<38	<2.0	>99.9%	<38	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**240**	<2.0	>99.9%	**140**	<2.0	>99.9%	**180**	<2.0	>99.9%	**250**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**640**	<2.0	>99.9%	**410**	<2.0	>99.9%	**500**	<2.0	>99.9%	**470**	<2.0	>99.9%
R-EVE	**300 J**	<2.0	>99.9%	**150 J**	<2.0	>99.9%	**390 J**	<2.0	>99.9%	**220 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**39,000**	**120**	**99.7%**	**24,000**	**79**	**99.7%**	**31,000**	**80**	**99.7%**	**28,000**	**110**	**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]"
4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-020124** Sample Date: 01-Feb-24	**SEEP-C-EFFLUENT-24-020124** Sample Date: 01-Feb-24	**Percent Removal**	**SEEP-C-INFLUENT-24-021324** Sample Date: 13-Feb-24	**SEEP-C-EFFLUENT-24-021324** Sample Date: 13-Feb-24	**Percent Removal**	**SEEP-C-INFLUENT-24-021424** Sample Date: 14-Feb-24	**SEEP-C-EFFLUENT-24-021424** Sample Date: 14-Feb-24	**Percent Removal**	**SEEP-C-INFLUENT-24-022424** Sample Date: 24-Feb-24	**SEEP-C-EFFLUENT-24-022424** Sample Date: 24-Feb-24	**Percent Removal**
Hfpo Dimer Acid	**5,000**	**8.0**	99.8%	**5,200**	**10**	99.8%	**3,300**	**7.7**	99.8%	**5,600**	**8.4**	99.9%
PFMOAA	**9,500**	**61**	99.4%	**9,500**	**31**	99.7%	**6,400**	**4.5**	99.9%	**8,100**	**6.8**	99.9%
PFO2HxA	**6,000**	**12**	99.8%	**5,900**	**14**	99.8%	**3,700**	**4.1**	99.9%	**6,100**	**12**	99.8%
PFO3OA	**2,400**	**2.7**	99.9%	**2,500**	**3.3**	99.9%	**1,200**	<2.0	>99.9%	**2,500**	**3.1**	99.9%
PFO4DA	**860**	<2.0	>99.9%	**800**	<2.0	>99.9%	**520**	<2.0	>99.9%	**850**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**2,300**	**17**	99.3%	**2,400**	**13**	99.5%	**1,400**	<10	>99.9%	**2,100**	<10	>99.9%
PEPA	**880**	<20	>99.9%	**890**	<20	>99.9%	**520**	<20	>99.9%	**900**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**180**	<2.0	>99.9%	**160**	<2.0	>99.9%	**110**	<2.0	>99.9%	**180**	<2.0	>99.9%
R-PSDA	**260 J**	<2.0	>99.9%	**250 J**	<2.0	>99.9%	**230 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%
Hydrolyzed PSDA	<38	<2.0	>99.9%	<38	<2.0	>99.9%	<38	<2.0	>99.9%	**41 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**220**	<2.0	>99.9%	**280**	<2.0	>99.9%	**160**	<2.0	>99.9%	**200**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**480**	<2.0	>99.9%	**480**	<2.0	>99.9%	**260**	<2.0	>99.9%	**440**	<2.0	>99.9%
R-EVE	**250 J**	<2.0	>99.9%	**230 J**	<2.0	>99.9%	**170 J**	<2.0	>99.9%	**250 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**28,000**	**100**	**99.6%**	**28,000**	**71**	**99.7%**	**18,000**	**16**	**99.9%**	**27,000**	**30**	**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]"
4 - Percent removal is not calculated, since, for unknown reasons, the analyte was not detected in the influent.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-030224** Sample Date: 2-Mar-24	**SEEP-C-EFFLUENT-24-030224** Sample Date: 2-Mar-24	**Percent Removal**	**SEEP-C-INFLUENT-24-030724** Sample Date: 7-Mar-24	**SEEP-C-EFFLUENT-24-030724** Sample Date: 7-Mar-24	**Percent Removal**	**SEEP-C-INFLUENT-24-031124** Sample Date: 11-Mar-24	**SEEP-C-EFFLUENT-24-031124** Sample Date: 11-Mar-24	**Percent Removal**	**SEEP-C-INFLUENT-24-032324** Sample Date: 23-Mar-24	**SEEP-C-EFFLUENT-24-032324** Sample Date: 23-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**5,700**	**7.8**	99.9%	**4,600**	**19**	99.6%	**6,800**	**3.3**	>99.9%	**7,200**	**19**	99.7%
PFMOAA	**9,300**	**25**	99.7%	**4,800**	**20**	99.6%	**9,000**	**30**	99.7%	**12,000**	**120**	99.0%
PFO2HxA	**6,500**	**5.2**	99.9%	**4,000**	**9.9**	99.8%	**6,800**	**3.8**	99.9%	**8,100**	**55**	99.3%
PFO3OA	**2,500**	<2.0	>99.9%	**1,500**	**2.2**	99.9%	**2,700**	<2.0	>99.9%	**3,400**	**16**	99.5%
PFO4DA	**940**	<2.0	>99.9%	**700**	<2.0	>99.9%	**1,000**	<2.0	>99.9%	**1,300**	**5.0**	99.6%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	**2.3**	--[4]
PMPA	**2,600**	<10	>99.9%	**1,600**	<10	>99.9%	**2,700**	<10	>99.9%	**3,300**	**20**	99.4%
PEPA	**900**	<10	>99.9%	**590**	<10	>99.9%	**950**	<10	>99.9%	**1,100**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**200**	<2.0	>99.9%	**140**	<2.0	>99.9%	**210**	<2.0	>99.9%	**280**	<2.0	>99.9%
R-PSDA	**350 J**	<2.0	>99.9%	**200 J**	<2.0	>99.9%	**480 J**	<2.0	>99.9%	**480 J**	**4.3 J**	99.1%
Hydrolyzed PSDA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	**4.7 J**	--[4]
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**190**	<2.0	>99.9%	**96**	<2.0	>99.9%	**180**	<2.0	>99.9%	**240**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**490**	<2.0	>99.9%	**400**	<2.0	>99.9%	**630**	<2.0	>99.9%	**770**	<2.0	>99.9%
R-EVE	**290 J**	<2.0	>99.9%	**160 J**	<2.0	>99.9%	**390 J**	<2.0	>99.9%	**430 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**29,000**	**38**	**99.9%**	**18,000**	**51**	**99.7%**	**31,000**	**37**	**99.9%**	**38,000**	**240**	**99.4%**

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

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-032824** Sample Date: 28-Mar-24	**SEEP-C-EFFLUENT-24-032824** Sample Date: 28-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**7,100**	**5.9**	99.9%
PFMOAA	**12,000**	**64**	99.5%
PFO2HxA	**7,800**	**11**	99.9%
PFO3OA	**3,100**	<2.0	>99.9%
PFO4DA	**1,200**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%
PMPA	**3,200**	**12**	99.6%
PEPA	**1,100**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%
Hydro-PS Acid	**240**	<2.0	>99.9%
R-PSDA	**440 J**	<2.0	>99.9%
Hydrolyzed PSDA	<50	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%
NVHOS, Acid Form	**230**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%
Hydro-EVE Acid	**750**	<2.0	>99.9%
R-EVE	**360 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**37,000**	**93**	**99.7%**

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

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-D-INFLUENT-24-011024** Sample Date: 10-Jan-24	**SEEP-D-EFFLUENT-24-011024** Sample Date: 10-Jan-24	**Percent Removal**	**SEEP-D-INFLUENT-24-012024** Sample Date: 20-Jan-24	**SEEP-D-EFFLUENT-24-012024** Sample Date: 20-Jan-24	**Percent Removal**	**SEEP-D-INFLUENT-24-012524** Sample Date: 25-Jan-24	**SEEP-D-EFFLUENT-24-012524** Sample Date: 25-Jan-24	**Percent Removal**	**SEEP-D-INFLUENT-24-013124** Sample Date: 31-Jan-24	**SEEP-D-EFFLUENT-24-013124** Sample Date: 31-Jan-24	**Percent Removal**
Hfpo Dimer Acid	**2,600**	<2.0	>99.9%	**1,100**	<2.0	>99.9%	**1,300**	<2.0	>99.9%	**1,400**	<2.0	>99.9%
PFMOAA	**15,000**	**55**	99.6%	**4,600**	**13**	99.7%	**4,800**	**16**	99.7%	**5,400**	**40**	99.3%
PFO2HxA	**5,400**	**4.1**	99.9%	**1,900**	<2.0	>99.9%	**2,200**	<2.0	>99.9%	**2,500**	**4.5**	99.8%
PFO3OA	**1,500**	<2.0	>99.9%	**540**	<2.0	>99.9%	**570**	<2.0	>99.9%	**760**	<2.0	>99.9%
PFO4DA	**550**	<2.0	>99.9%	**170**	<2.0	>99.9%	**200**	<2.0	>99.9%	**250**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**1,900**	<10	>99.9%	<620	<10	>99.9%	**770**	<10	>99.9%	**880**	<10	>99.9%
PEPA	**600**	<20	>99.9%	**210**	<20	>99.9%	**280**	<20	>99.9%	**340**	<20	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%
Hydro-PS Acid	**87**	<2.0	>99.9%	**27**	<2.0	>99.9%	**34**	<2.0	>99.9%	**59**	<2.0	>99.9%
R-PSDA	**140 J**	<2.0	>99.9%	**100 J**	<2.0	>99.9%	**120 J**	<2.0	>99.9%	**110 J**	<2.0	>99.9%
Hydrolyzed PSDA	**190 J**	<2.0	>99.9%	**62 J**	<2.0	>99.9%	**69 J**	<2.0	>99.9%	**88 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
NVHOS, Acid Form	**130**	<2.0	>99.9%	<15	<2.0	>99.9%	**84**	<2.0	>99.9%	**130**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%
Hydro-EVE Acid	**200**	<2.0	>99.9%	**62**	<2.0	>99.9%	**61**	<2.0	>99.9%	**89**	<2.0	>99.9%
R-EVE	**130 J**	<2.0	>99.9%	**73 J**	<2.0	>99.9%	**86 J**	<2.0	>99.9%	**77 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**28,000**	**59**	**99.8%**	**8,600**	**13**	**99.8%**	**10,000**	**16**	**99.8%**	**12,000**	**45**	**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
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-D-INFLUENT-24-020124** Sample Date: 01-Feb-24	**SEEP-D-EFFLUENT-24-020124** Sample Date: 01-Feb-24	**Percent Removal**	**SEEP-D-INFLUENT-24-021324** Sample Date: 13-Feb-24	**SEEP-D-EFFLUENT-24-021324** Sample Date: 13-Feb-24	**Percent Removal**	**SEEP-D-INFLUENT-24-021424** Sample Date: 14-Feb-24	**SEEP-D-EFFLUENT-24-021424** Sample Date: 14-Feb-24	**Percent Removal**	**SEEP-D-INFLUENT-24-030224** Sample Date: 2-Mar-24	**SEEP-D-EFFLUENT-24-030224** Sample Date: 2-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**1,500**	<2.0	>99.9%	**2,400**	<2.0	>99.9%	**2,500**	**3.0**	99.9%	**4,100**	<2.0	>99.9%
PFMOAA	**5,800**	**11**	99.8%	**7,400**	**26**	99.6%	**8,600**	**49**	99.4%	**11,000**	**9.9**	99.9%
PFO2HxA	**2,600**	<2.0	>99.9%	**3,300**	**6.9**	99.8%	**3,600**	**20**	99.4%	**5,600**	**2.4**	>99.9%
PFO3OA	**810**	<2.0	>99.9%	**900**	<2.0	>99.9%	**890**	<2.0	>99.9%	**1,600**	<2.0	>99.9%
PFO4DA	**280**	<2.0	>99.9%	**330**	<2.0	>99.9%	**350**	<2.0	>99.9%	**510**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**930**	<10	>99.9%	**1,500**	<10	>99.9%	**1,300**	<10	>99.9%	**2,400**	<10	>99.9%
PEPA	**360**	<20	>99.9%	**590**	<20	>99.9%	**540**	<20	>99.9%	**850**	<10	>99.9%
PS Acid	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<20	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**63**	<2.0	>99.9%	**70**	<2.0	>99.9%	**69**	<2.0	>99.9%	**100**	<2.0	>99.9%
R-PSDA	**120 J**	<2.0	>99.9%	**170 J**	<2.0	>99.9%	**200 J**	<2.0	>99.9%	**290 J**	<2.0	>99.9%
Hydrolyzed PSDA	**90 J**	<2.0	>99.9%	**120 J**	<2.0	>99.9%	**160 J**	<2.0	>99.9%	**260 J**	<2.0	>99.9%
R-PSDCA	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**130**	<2.0	>99.9%	**200**	<2.0	>99.9%	<15	<2.0	>99.9%	**150**	<2.0	>99.9%
EVE Acid	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<17	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**110**	<2.0	>99.9%	**120**	<2.0	>99.9%	**140**	<2.0	>99.9%	**210**	<2.0	>99.9%
R-EVE	<72	<2.0	>99.9%	**100 J**	<2.0	>99.9%	**130 J**	<2.0	>99.9%	**190 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<6.7	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<27	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<48	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**13,000**	**11**	**99.9%**	**17,000**	**33**	**99.8%**	**18,000**	**72**	**99.6%**	**27,000**	**12**	**>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.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3 + SOP (ng/ L)	**SEEP-D-INFLUENT-24-030724** Sample Date: 7-Mar-24	**SEEP-D-EFFLUENT-24-030724** Sample Date: 7-Mar-24	**Percent Removal**	**SEEP-D-INFLUENT-24-031124** Sample Date: 11-Mar-24	**SEEP-D-EFFLUENT-24-031124** Sample Date: 11-Mar-24	**Percent Removal**	**SEEP-D-INFLUENT-24-032324** Sample Date: 23-Mar-24	**SEEP-D-EFFLUENT-24-032324** Sample Date: 23-Mar-24	**Percent Removal**	**SEEP-D-INFLUENT-24-032824** Sample Date: 28-Mar-24	**SEEP-D-EFFLUENT-24-032824** Sample Date: 28-Mar-24	**Percent Removal**
Hfpo Dimer Acid	**3,900**	**2.6**	99.9%	**4,400**	**5.3**	99.9%	**4,300**	**2.8**	99.9%	**4,500**	<2.0	>99.9%
PFMOAA	**8,200**	**26**	99.7%	**11,000**	**67**	99.4%	**14,000**	**58**	99.6%	**15,000**	**12**	99.9%
PFO2HxA	**4,500**	**8.3**	99.8%	**5,700**	**19**	99.7%	**6,300**	**10**	99.8%	**6,500**	**2.0**	>99.9%
PFO3OA	**1,100**	<2.0	>99.9%	**1,700**	<2.0	>99.9%	**1,800**	<2.0	>99.9%	**1,800**	<2.0	>99.9%
PFO4DA	**470**	<2.0	>99.9%	**550**	<2.0	>99.9%	**600**	<2.0	>99.9%	**600**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**2,000**	<10	>99.9%	**2,400**	<10	>99.9%	**2,900**	<10	>99.9%	**3,000**	<10	>99.9%
PEPA	**710**	<10	>99.9%	**850**	<10	>99.9%	**990**	<10	>99.9%	**1,000**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**81**	<2.0	>99.9%	**100**	<2.0	>99.9%	**120**	<2.0	>99.9%	**120**	<2.0	>99.9%
R-PSDA	**220 J**	<2.0	>99.9%	**360 J**	<2.0	>99.9%	**330 J**	<2.0	>99.9%	**330 J**	<2.0	>99.9%
Hydrolyzed PSDA	**220 J**	<2.0	>99.9%	**330 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%	**290 J**	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**120**	<2.0	>99.9%	**150**	<2.0	>99.9%	**170**	<2.0	>99.9%	**180**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**170**	<2.0	>99.9%	**220**	<2.0	>99.9%	**230**	<2.0	>99.9%	**250**	<2.0	>99.9%
R-EVE	**160 J**	<2.0	>99.9%	**270 J**	<2.0	>99.9%	**220 J**	<2.0	>99.9%	**230 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**21,000**	**37**	**99.8%**	**27,000**	**91**	**99.7%**	**31,000**	**71**	**99.8%**	**33,000**	**14**	**>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.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
FTC - flow through cell
SOP - standard operating procedure
< - Analyte not detected above associated reporting limit.

Table 2-5A
FTC Water Quality Data - Seep A
Quarterly Report #5 (Jan - Mar 2024)
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]
1/6/2024	10.21	6.46	-3.75	4.85	7.65	2.80	0.08	458.86	458.78	9.51	9.22	-0.29	0	0	0	11	<1	-11
1/10/2024	9.23	9.99	0.76	5.39	5.9	0.5	253.3	211.43	-41.9	7.2	6.22	-1.0	51.59	86.7	35.1	68	<1	-68
1/20/2024	5.88	3.73	-2.15	4.58	6.55	1.97	413.07	301.57	-111.50	15.04	13.6	-1.4	12.8	1.24	-11.6	9.9	<1	-9.9
1/31/2024	3.07	6.43	3.36	5.64	7.34	1.70	429.54	322.89	-106.65	15.36	15.48	0.12	26.4	2.51	-23.9	13	<1	-13
2/1/2024	2.36	7.18	4.82	7.13	7.5	0.4	813.45	499.27	-314.18	16.14	14.35	-1.79	21.6	1.83	-19.8	NS	NS	--
2/13/2024	7.86	9.28	1.42	6.54	5.38	-1.16	625.3	408.7	-216.6	18.36	16.06	-2.30	19.77	0.93	-18.84	3.5	2.1 J	-1.4
2/14/2024	10.44	11.84	1.40	5.38	5.62	0.24	590	360	-230	10.34	8.12	-2.22	2.33	0.53	-1.80	3.6	1 J	-3
3/2/2024	9.34	8.86	-0.48	4.8	5.08	0.3	140.44	101.21	-39.23	10.64	9.52	-1.12	4.75	2.14	-2.61	7.7	1.5 J	-6.2
3/7/2024	9.17	8.44	-0.73	4.86	4.81	-0.05	100.51	85.74	-14.77	10.11	9.6	-0.5	30.81	1.94	-28.87	70	2 J	-68
3/11/2024	8.6	8.56	0.0	6.86	5.22	-1.64	351.57	274.83	-76.74	14.46	14.62	0.16	27.25	0	-27	NS	NS	--
3/23/2024	9.82	9.73	-0.09	4.12	4.5	0.4	399.76	338.39	-61.37	19.16	18.88	-0.28	1.05	2.19	1.14	18	1.3 J	-17
3/28/2024	8.84	8.52	-0.32	4.11	4.58	0.47	403.53	336.26	-67.27	16.55	15.95	-0.60	8.37	0	-8	3	2.6 J	0
Average	*7.9*	*8.15*	*0.3*	*5.4*	*5.8*	*0.4*	*411*	*308*	*-103*	*13.6*	*12.6*	*-0.9*	*19*	*9*	*-10*	*21*	*1*	*-20*
Median	*9.0*	*8.54*	*-0.5*	*5.1*	*5.5*	*0.4*	*404*	*330*	*-74*	*14.8*	*14.0*	*-0.8*	*20*	*2*	*-18*	*10*	*1*	*-9*

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 - Influent specific conductance and turbidity measurements from 1/6/2024 are considerably lower than expected and have been excluded from statistical calculations.
4 - Specific conductance recorded on 2/14/24 was inadvertently recorded in mS/cm and has been converted to µS/cm.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
NTU - nephelometric turbidity units
SU - standard units
TSS - total suspended solids
µS/cm - microSiemens per centimeter
NS - Sample not collected. Performance samples on 2/1/2024 and 3/11/2024 were inadvertently collected as wet weather samples, and concurrent TSS samples were not collected.

Table 2-5B
FTC Water Quality Data - Seep B
Quarterly Report #5 (Jan - Mar 2024)
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]
1/10/2024	9.91	10.23	0.32	6.42	7.28	0.86	142.61	135.36	-7.25	5.2	4.76	-0.4	375.39	266.29	-109.10	71	29	-42
1/20/2024	6.82	7.54	0.72	6.59	7.18	0.59	163.64	42.1	-121.5	13.02	12.44	-0.58	41.2	50	9	24	5.9	-18
1/25/2024	9.85	10.46	0.61	7.12	7.07	-0.05	148.99	128.75	-20.24	13.34	13.25	-0.09	3.19	38.9	35.7	11	3.6	-7
1/31/2024	7.64	7.44	-0.20	7.56	7.82	0.26	131.37	106.08	-25.29	14.51	14.51	0.00	37.6	33.1	-4.5	13	4.9	-8
2/1/2024	7.42	8.24	0.82	8.19	8.35	0.16	329.06	151.32	-177.74	13.7	14.76	1.1	27.1	29.3	2.2	NS	NS	--
2/13/2024	9.97	9.82	-0.15	6.39	6.91	0.52	228.23	246.94	18.71	15.64	15.04	-0.60	29.27	11.13	-18.14	12	1.2 J	-11
2/14/2024	12.36	12.17	-0.19	6.13	6.42	0.29	180	230	50	7.65	8.41	0.76	40.88	9.37	-31.51	11	1.2 J	-10
3/2/2024	9.03	9.98	0.95	5.81	6.54	0.73	54.18	56.26	2.08	10.07	8.9	-1.2	91.56	30.39	-61.17	27	1.6 J	-25
3/7/2024	8.66	9.37	0.71	5.92	6.5	0.6	41.05	47.24	6.19	9.34	9.21	-0.13	445.94	277.83	-168.11	110	34	-76
3/11/2024	8.57	8	-1	6.07	6.96	0.89	188.35	196.99	8.64	14.08	14.3	0.2	87.56	30.29	-57.27	NS	NS	--
3/23/2024	9.81	8.21	-1.60	6.14	7.07	0.93	219.15	245.54	26.39	18.8	18.54	-0.3	8.6	0.02	-8.6	17	<1	-17
3/28/2024	9.65	8.11	-1.54	6.55	7.5	1.0	208.91	227.43	18.52	16.06	15.66	-0.40	9.75	0	-10	8.7	<1	-8.7
Average	*9.14*	*9*	*0*	*6.57*	*7.1*	*0.6*	*170*	*151*	*-18*	*12.6*	*12.5*	*-0.1*	*99.8*	*65*	*-35*	*30*	*8*	*-22*
Median	*9.34*	*9*	*-1*	*6.41*	*7.1*	*0.7*	*172*	*143*	*-28*	*13.5*	*13.8*	*0.3*	*39.2*	*30*	*-9*	*15*	*3*	*-12*

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 - Specific conductance recorded on 2/14/24 was inadvertently recorded in mS/cm and has been converted to µS/cm.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
NTU - nephelometric turbidity units
SU - standard units
TSS - total suspended solids
µS/cm - microSiemens per centimeter
NS - Sample not collected. Performance samples on 2/1/2024 and 3/11/2024 were inadvertently collected as wet weather samples, and concurrent TSS samples were not collected.

Table 2-5C
FTC Water Quality Data - Seep C
Quarterly Report #5 (Jan - Mar 2024)
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]
1/6/2024	8.8	9.31	0.5	7.62	7.54	-0.08	283.65	243.19	-40.46	9.65	9.85	0.20	197.63	39.42	-158.21	52 J	6.2	-46
1/10/2024	10.61	10.4	-0.2	7.52	8.21	0.69	180.82	175.32	-5.50	5.06	6.06	1.00	373.23	183.79	-189.44	100	30	-70
1/20/2024	7.79	4.81	-2.98	7.11	7.43	0.32	202.8	211.02	8.2	12.17	13.13	0.96	34.1	9.31	-24.8	21	<1	-21
1/31/2024	7.67	7.48	-0.19	8.1	7.95	-0.1	214.69	217.64	2.95	15.37	15.88	0.51	31	3.46	-28	18	<1	-18
2/1/2024	8.27	8.12	-0.15	8.13	8.19	0.06	276.17	271.46	-4.71	13.41	13.29	-0.12	25.8	2.67	-23.1	NS	NS	--
2/13/2024	10.16	9.55	-0.61	7.07	6.98	-0.09	246.1	257.81	11.7	15.56	15.97	0.41	236.39	100.42	-135.97	50	6.6	-43
2/14/2024	12.19	12.12	-0.07	6.55	6.75	0.20	260	290	30	7.92	7.22	-0.70	121.12	52.06	-69.06	42	6.5	-36
2/24/2024	6.69	7.29	0.60	8.05	8.17	0.12	304.53	313.67	9.14	21.09	20.25	-0.84	31	2.6	-28	NS	NS	--
3/2/2024	9.71	10.15	0.44	6.8	6.76	-0.04	75.06	72.34	-2.72	9.07	8.69	-0.38	167.68	44.81	-122.87	34	3	-31
3/7/2024	9.5	9.32	-0.2	6.63	6.77	0.14	54.37	54.88	0.51	9.38	9.22	-0.16	671.67	289.11	-382.56	120	33	-87
3/11/2024	9.02	8.07	-0.9	7.03	7.21	0.18	238.34	294.36	56.02	14.37	14.67	0.30	256.8	23.56	-233.2	NS	NS	--
3/23/2024	9.91	10.2	0.3	7.21	7.38	0.17	279.45	290.96	11.51	18.63	18.55	-0.08	34.7	0.15	-34.6	13	<1	-13
3/28/2024	8.78	8.43	-0.35	7.5	7.46	0.0	262.53	278.09	15.56	16.02	15.95	-0.07	42.98	0.14	-42.84	21	<1	-21
Average	*9.2*	*8.9*	*-0.3*	*7.3*	*7.4*	*0.1*	*221*	*229*	*7*	*12.90*	*12.98*	*0.10*	*171*	*57.8*	*-113*	*47*	*9*	*-39*
Median	*9.0*	*9.3*	*0.3*	*7.2*	*7.4*	*0.2*	*246*	*258*	*12*	*13.41*	*13.29*	*-0.10*	*121*	*23.6*	*-98*	*38*	*5*	*-33*

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 - Specific conductance recorded on 2/14/24 was inadvertently recorded in mS/cm and has been converted to µS/cm.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
NTU - nephelometric turbidity units
SU - standard units
TSS - total suspended solids
µS/cm - microSiemens per centimeter
NS - Sample not collected. Performance samples on 2/1/2024, 2/24/2024, and 3/11/2024 were inadvertently collected as wet weather samples, and concurrent TSS samples were not collected.

Table 2-5D
FTC Water Quality Data - Seep D
Quarterly Report #5 (Jan - Mar 2024)
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]
1/10/2024	9.96	10.55	0.59	8.11	7.88	-0.23	190.56	239.71	49.15	7.3	6.01	-1.3	57.87	2	-56	24	1.2 J	-23
1/20/2024	7.56	5.6	-2.0	7.4	7.38	0.0	119	113.39	-6	12.31	12.75	0.44	13	5.61	-7	3.9	1.5 J	-2.4
1/25/2024	9.46	11.45	1.99	7.26	7.46	0.20	123.5	154.49	31.0	14.78	16.9	2.1	13.3	7.58	-5.7	<1	4.6	4.6
1/31/2024	7.81	6.05	-1.76	7.98	7.88	-0.10	102.18	94.8	-7.4	16.68	16.7	0.0	14.3	8.63	-5.7	15	2.3 J	-13
2/1/2024	8.15	7.99	-0.16	8.32	7.57	-0.75	158.46	98.4	-60.1	13.52	15.95	2.43	13.4	6.43	-7.0	NS	NS	--
2/13/2024	10.06	10.05	-0.01	7.03	7.17	0.14	126.94	169.41	42.47	15.88	15.64	-0.24	26.72	1.62	-25.10	7.8	1.9 J	-5.9
2/14/2024	12.2	12.74	0.5	6.94	7.14	0.20	150	170	20	7.29	8.46	1.17	8.3	0.85	-7.5	6.6	<1	-6.6
3/2/2024	9.76	10.15	0.39	6.79	7.06	0.27	47.87	50.83	2.96	9.7	9.8	0.1	10.75	0.16	-10.59	6.2	<1	-6.2
3/7/2024	9.15	8.4	-0.8	6.8	7.03	0.2	40.36	43.93	3.57	9.67	9.98	0.31	32.86	2.81	-30.05	11	<1	-11
3/11/2024	8.72	9.22	0.50	7.28	7.52	0.24	174.36	174.22	-0.14	14.58	14.88	0.30	7.8	0	-8	NS	NS	--
3/23/2024	10.01	8.17	-1.84	7.37	7.49	0.12	157.64	180.49	22.85	18.89	18.9	0.0	0.54	0	-1	3.9	<1	-3.9
3/28/2024	9.32	7.74	-1.58	7.44	7.53	0.09	144.55	143.03	-1.52	16.01	15.84	-0.17	8.15	0	-8	17	<1	-17
Average	*9.3*	*9.0*	*-0.3*	*7.4*	*7.43*	*0.0*	*128*	*136*	*8*	*13.1*	*13.5*	*0.4*	*17*	*3*	*-14*	*10*	*1*	*-8*
Median	*9.4*	*8.8*	*-0.6*	*7.3*	*7.48*	*0.2*	*136*	*149*	*13*	*14.1*	*15.3*	*1.2*	*13*	*2*	*-11*	*7*	*1*	*-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.
3 - Specific conductance recorded on 2/14/24 was inadvertently recorded in mS/cm and has been converted to µS/cm.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
mS/cm - milliSiemens per centimeter
NTU - nephelometric turbidity units
SU - standard units
TSS - total suspended solids
µS/cm - microSiemens per centimeter
NS - Sample not collected. Performance samples on 2/1/2024 and 3/11/2024 were inadvertently collected as wet weather samples, and concurrent TSS samples were not collected.

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
Prior Total	5,964,450	1,228,013	3,361,104	528,576	404,083	11,486,226	12,029,484	
1/1/2024	5,980,309	1,231,023	3,374,581	530,228	404,475	11,520,616	31,812	12,061,296
1/2/2024	5,993,858	1,233,839	3,390,023	531,658	404,802	11,554,180	30,520	12,091,817
1/3/2024	6,008,649	1,236,112	3,401,525	533,059	405,084	11,584,429	27,022	12,118,838
1/4/2024	6,023,169	1,238,791	3,415,545	534,684	405,373	11,617,562	28,220	12,147,059
1/5/2024	6,037,226	1,241,171	3,427,311	536,091	405,576	11,647,375	27,036	12,174,095
1/6/2024	6,128,889	1,257,803	3,439,909	537,471	413,834	11,777,906	32,194	12,206,290
1/7/2024	6,145,703	1,261,056	3,535,978	543,585	415,810	11,902,132	128,678	12,334,967
1/8/2024	6,162,930	1,264,268	3,555,969	545,898	416,916	11,945,981	131,030	12,465,997
1/9/2024	6,216,435	1,317,642	3,571,782	547,246	445,328	12,098,433	89,495	12,555,492
1/10/2024	6,371,098	1,336,364	3,759,007	554,555	456,376	12,477,400	127,791	12,683,284
1/11/2024	6,432,282	1,342,167	3,818,406	556,806	462,305	12,611,966	132,630	12,815,914
1/12/2024	6,455,531	1,363,769	3,852,073	559,118	477,629	12,708,120	133,314	12,949,228
1/13/2024	6,574,188	1,371,011	3,954,390	565,332	494,578	12,959,499	132,328	13,081,556
1/14/2024	6,598,579	1,376,893	3,990,872	567,928	499,600	13,033,872	135,167	13,216,724
1/15/2024	6,618,534	1,382,286	4,021,499	570,203	502,127	13,094,649	134,534	13,351,258
1/16/2024	6,636,946	1,387,739	4,053,266	572,200	505,165	13,155,316	132,987	13,484,244
1/17/2024	6,655,696	1,391,871	4,081,857	574,024	507,958	13,211,406	134,008	13,618,252
1/18/2024	6,671,785	1,395,893	4,104,740	575,694	511,170	13,259,282	133,681	13,751,933
1/19/2024	6,689,554	1,399,954	4,126,536	577,377	514,878	13,308,299	130,802	13,882,735
1/20/2024	6,706,560	1,403,941	4,151,422	579,007	520,695	13,361,625	132,288	14,015,023
1/21/2024	6,720,456	1,407,634	4,170,180	580,362	521,893	13,400,525	127,240	14,142,264
1/22/2024	6,737,065	1,411,281	4,195,277	581,705	522,832	13,448,160	127,104	14,269,368
1/23/2024	6,752,521	1,414,993	4,211,161	583,273	524,546	13,486,494	86,332	14,355,700
1/24/2024	6,769,344	1,418,362	4,233,025	584,679	526,308	13,531,718	39,752	14,395,452
1/25/2024	6,785,414	1,422,062	4,252,634	586,253	530,832	13,577,195	43,072	14,438,524
1/26/2024	6,802,564	1,425,603	4,278,320	587,666	540,821	13,634,974	50,782	14,489,306
1/27/2024	6,816,998	1,428,894	4,298,163	589,220	547,892	13,681,167	44,230	14,533,536
1/28/2024	6,833,132	1,432,099	4,318,960	590,742	550,658	13,725,591	38,935	14,572,471
1/29/2024	6,847,105	1,434,845	4,335,496	592,026	552,146	13,761,618	35,304	14,607,775
1/30/2024	6,861,676	1,437,694	4,351,041	593,259	553,441	13,797,111	28,823	14,636,597
1/31/2024	6,878,047	1,441,521	4,369,610	594,696	555,293	13,839,167	39,271	14,675,869
January Total	913,597	213,508	1,008,506	66,120	151,210	2,352,941	2,646,385	

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
2/1/2024	6,893,134	1,444,194	4,391,098	596,212	557,136	13,881,774	8,432	14,684,301
2/2/2024	6,907,235	1,447,106	4,406,243	597,216	558,566	13,916,366	22	14,684,324
2/3/2024	6,922,481	1,449,839	4,422,581	598,491	559,836	13,953,228	0	14,684,324
2/4/2024	6,936,228	1,452,314	4,435,930	599,653	561,215	13,985,340	0	14,684,324
2/5/2024	6,951,094	1,454,935	4,451,403	600,798	562,605	14,020,835	0	14,684,324
2/6/2024	6,964,536	1,457,298	4,464,165	601,919	566,403	14,054,321	0	14,684,324
2/7/2024	6,979,018	1,459,666	4,477,349	603,016	572,904	14,091,953	0	14,684,324
2/8/2024	6,992,529	1,461,533	4,489,153	604,120	574,549	14,121,884	4,342	14,688,666
2/9/2024	7,006,736	1,463,001	4,501,725	604,668	575,369	14,151,499	21,663	14,710,329
2/10/2024	7,020,713	1,464,227	4,513,244	604,991	576,173	14,179,348	106,590	14,816,918
2/11/2024	7,036,454	1,465,684	4,526,505	605,428	577,042	14,211,113	107,533	14,924,451
2/12/2024	7,099,832	1,478,265	4,542,817	605,753	588,972	14,315,639	108,225	15,032,676
2/13/2024	7,127,604	1,483,765	4,637,387	609,391	594,543	14,452,690	108,512	15,141,188
2/14/2024	7,142,776	1,485,510	4,653,793	610,116	596,462	14,488,657	110,248	15,251,436
2/15/2024	7,157,346	1,487,182	4,670,435	610,524	598,471	14,523,958	108,987	15,360,422
2/16/2024	7,173,003	1,488,609	4,683,907	610,836	600,969	14,557,324	92,150	15,452,573
2/17/2024	7,186,529	1,490,215	4,698,936	611,179	603,068	14,589,927	35,249	15,487,822
2/18/2024	7,200,968	1,491,431	4,710,669	611,481	605,653	14,620,202	26,613	15,514,435
2/19/2024	7,214,759	1,492,725	4,723,528	611,771	613,264	14,656,047	25,299	15,539,735
2/20/2024	7,229,431	1,493,894	4,733,948	612,057	621,837	14,691,167	24,811	15,564,546
2/21/2024	7,242,493	1,495,201	4,745,999	612,331	624,942	14,720,966	21,058	15,585,604
2/22/2024	7,259,099	1,496,449	4,756,456	612,608	626,053	14,750,665	22,799	15,608,403
2/23/2024	7,282,830	1,500,529	4,769,522	612,897	628,393	14,794,171	31,825	15,640,228
2/24/2024	7,296,813	1,502,101	4,798,430	614,131	629,672	14,841,147	42,378	15,682,605
2/25/2024	7,310,626	1,503,068	4,811,570	614,463	630,512	14,870,239	37,148	15,719,754
2/26/2024	7,325,324	1,504,356	4,822,003	614,746	631,488	14,897,917	19,558	15,739,312
2/27/2024	7,339,468	1,505,452	4,833,462	615,080	632,405	14,925,867	14,751	15,754,063
2/28/2024	7,354,695	1,506,813	4,844,320	615,394	634,873	14,956,095	16,201	15,770,264
2/29/2024	7,388,581	1,512,880	4,874,909	616,881	637,125	15,030,376	16,647	15,786,911
February Total	510,534	71,359	505,299	22,185	81,832	1,191,209	1,111,042	

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
3/1/2024	7,402,029	1,514,576	4,886,429	617,261	641,116	15,061,411	17,245	15,804,156
3/2/2024	7,489,262	1,531,305	4,985,929	621,275	668,176	15,295,947	17,560	15,821,716
3/3/2024	7,513,440	1,533,855	5,011,819	623,140	672,416	15,354,670	17,945	15,839,660
3/4/2024	7,528,150	1,535,776	5,034,428	623,664	677,852	15,399,870	18,380	15,858,040
3/5/2024	7,544,394	1,537,939	5,051,750	624,075	678,884	15,437,042	18,592	15,876,633
3/6/2024	7,699,057	1,583,476	5,068,900	624,441	697,402	15,673,276	27,984	15,904,616
3/7/2024	7,782,972	1,590,649	5,256,125	630,495	706,202	15,966,443	72,532	15,977,148
3/8/2024	7,805,602	1,594,149	5,299,594	632,130	711,335	16,042,810	73,920	16,051,068
3/9/2024	7,857,432	1,604,379	5,345,754	632,743	719,883	16,160,191	74,346	16,125,414
3/10/2024	7,879,754	1,607,958	5,399,176	636,405	722,340	16,245,633	74,535	16,199,949
3/11/2024	7,895,379	1,607,958	5,429,496	637,499	724,155	16,294,487	72,247	16,272,197
3/12/2024	7,910,891	1,608,008	5,438,674	638,061	726,520	16,322,154	81,705	16,353,902
3/13/2024	7,927,096	1,610,644	5,483,227	638,538	728,770	16,388,275	80,191	16,434,092
3/14/2024	7,979,875	1,613,077	5,490,116	638,987	730,708	16,452,763	115,952	16,550,045
3/15/2024	7,993,979	1,615,561	5,490,749	639,405	733,170	16,472,864	115,216	16,665,261
3/16/2024	8,007,804	1,617,855	5,506,378	639,830	735,424	16,507,291	115,356	16,780,616
3/17/2024	8,022,901	1,620,070	5,526,912	640,234	737,762	16,547,879	115,413	16,896,029
3/18/2024	8,036,595	1,621,944	5,543,845	640,815	739,902	16,583,101	115,204	17,011,233
3/19/2024	8,050,940	1,623,944	5,561,103	641,121	741,693	16,618,801	109,383	17,120,616
3/20/2024	8,064,244	1,625,767	5,575,544	641,452	743,273	16,650,280	69,429	17,190,045
3/21/2024	8,078,816	1,627,553	5,591,513	641,986	744,619	16,684,487	68,745	17,258,790
3/22/2024	8,092,467	1,629,413	5,605,164	642,293	746,198	16,715,535	45,806	17,304,596
3/23/2024	8,112,576	1,634,064	5,639,231	643,245	748,645	16,777,761	42,432	17,347,029
3/24/2024	8,125,663	1,635,565	5,658,539	644,141	749,921	16,813,829	42,647	17,389,676
3/25/2024	8,139,764	1,637,340	5,673,738	644,399	751,566	16,846,807	42,209	17,431,884
3/26/2024	8,153,538	1,638,836	5,687,644	644,700	753,067	16,877,785	42,308	17,474,192
3/27/2024	8,168,769	1,640,887	5,703,704	645,218	759,491	16,918,069	42,814	17,517,007
3/28/2024	8,268,358	1,656,793	5,794,854	650,037	782,885	17,152,927	42,189	17,559,196
3/29/2024	8,283,123	1,658,934	5,846,661	652,306	815,805	17,256,829	134,316	17,693,512
3/30/2024	8,298,571	1,660,832	5,866,649	653,657	818,640	17,298,349	142,411	17,835,923
3/31/2024	8,312,979	1,662,642	5,886,153	654,716	849,827	17,366,317	142,117	17,978,040
March Total	924,398	149,762	1,011,244	37,835	212,702	2,335,941	2,191,129	
Reporting Period Total	2,348,529	434,629	2,525,049	126,140	445,744	5,880,091	5,948,556	

Notes:
1 - Flow data from the Surge Pond through the 004 ground water treatment plant (GWTP) is collected and managed by Veolia.
2 - The daily volume conveyed from surge pond to 004 Treatment Plant is recorded on a 24-hour basis, ending daily at 1 pm. For simplicity, the volume totaled through 1 pm is shown as the daily total in this table.

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #5 (Jan - Mar 2024)
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 #5 (Jan - Mar 2024)
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-04	Floodplain Deposits	397279.61	2052584.95	50.66	2	27	12-27
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 #5 (Jan - Mar 2024)
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	397530.83	2052055.05	75.16	2	68	56-66
OW-54	Black Creek Aquifer	401068.86	2051275.96	47.42	2	12	7-12
OW-55	Black Creek Aquifer	401761.92	2050875.02	75.45	2	58	43-58
OW-56	Black Creek Aquifer	401983.45	2050634.71	44.69	2	12	7-12
OW-57	Black Creek Aquifer	401781.20	2050174.65	68.87	2	43	33-43
PIW-10DR	Black Creek Aquifer	395093.99	2052297.30	75.91	2	58	53-58
PIW-11	Black Creek Aquifer	401911.03	2050416.29	67.02	2	57	47-57

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #5 (Jan - Mar 2024)
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-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	398545.03	2051977.42	79.60	2	25	15-25
PIW-6S	Floodplain Deposits	398117.93	2052539.79	53.40	2	28	18-28
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
PIW-8D	Black Creek Aquifer	396403.37	2052682.10	48.66	2	40	35-40
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	398532.53	2051965.93	79.97	2	71	61-71
PW-11	Black Creek Aquifer	394354.36	2052226.72	73.26	2	64	53-63
PW-14	Black Creek Aquifer	397325.65	2050766.36	147.97	2	146	136-146
PW-15R	Black Creek Aquifer	398900.88	2051011.75	136.14	2	120	110-120
PZ-22	Black Creek Aquifer	397271.94	2052585.34	50.70	1	48	42.5-47.5
SMW-03B	Black Creek Aquifer	399785.75	2049421.54	150.43	2	82	72-82
SMW-09	Surficial Aquifer	401076.89	2050017.41	141.43	2	62	52-62
SMW-12	Black Creek Aquifer	401314.20	2051007.22	118.22	2	98	88-98

Notes:

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

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

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 #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
Prior Total	N/A	188,853,643
1/1/2024	346	189,353,371
1/2/2024	341	189,851,019
1/3/2024	345	190,350,859
1/4/2024	338	190,840,139
1/5/2024	327	191,314,171
1/6/2024	340	191,807,195
1/7/2024	335	192,292,491
1/8/2024	324	192,762,171
1/9/2024	331	193,252,283
1/10/2024	328	193,731,387
1/11/2024	337	194,217,467
1/12/2024	338	194,707,467
1/13/2024	340	195,199,659
1/14/2024	341	195,693,067
1/15/2024	336	196,178,011
1/16/2024	337	196,673,723
1/17/2024	339	197,164,859
1/18/2024	354	197,676,795
1/19/2024	352	198,186,011
1/20/2024	348	198,688,667
1/21/2024	345	199,191,323
1/22/2024	342	199,694,539
1/23/2024	342	200,187,483
1/24/2024	340	200,680,635
1/25/2024	340	201,173,035
1/26/2024	338	201,661,291
1/27/2024	334	202,144,843
1/28/2024	334	202,629,995
1/29/2024	333	203,111,787
1/30/2024	346	203,609,708
1/31/2024	351	204,114,139
January Total	N/A	15,260,496

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
2/1/2024	349	204,619,115
2/2/2024	348	205,124,123
2/3/2024	344	205,621,611
2/4/2024	345	206,120,715
2/5/2024	344	206,618,667
2/6/2024	340	207,111,611
2/7/2024	343	207,608,123
2/8/2024	346	208,109,435
2/9/2024	346	208,610,971
2/10/2024	347	209,111,771
2/11/2024	345	209,611,995
2/12/2024	346	210,114,411
2/13/2024	341	210,608,347
2/14/2024	341	211,100,635
2/15/2024	324	211,569,867
2/16/2024	344	212,067,915
2/17/2024	346	212,568,539
2/18/2024	345	213,067,867
2/19/2024	343	213,565,723
2/20/2024	340	214,058,187
2/21/2024	318	214,525,419
2/22/2024	294	214,949,835
2/23/2024	339	215,447,515
2/24/2024	344	215,943,947
2/25/2024	343	216,439,035
2/26/2024	345	216,938,795
2/27/2024	344	217,437,083
2/28/2024	339	217,928,459
2/29/2024	337	218,416,891
February Total	N/A	14,302,752

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
3/1/2024	342	218,911,195
3/2/2024	343	219,408,459
3/3/2024	343	219,904,491
3/4/2024	346	220,405,243
3/5/2024	344	220,902,747
3/6/2024	345	221,402,763
3/7/2024	340	221,894,347
3/8/2024	338	222,383,963
3/9/2024	342	222,878,939
3/10/2024	338	223,348,395
3/11/2024	337	223,835,963
3/12/2024	295	224,263,387
3/13/2024	266	224,651,339
3/14/2024	326	225,128,635
3/15/2024	332	225,610,347
3/16/2024	334	226,092,939
3/17/2024	333	226,574,267
3/18/2024	331	227,053,211
3/19/2024	327	227,526,315
3/20/2024	323	227,995,035
3/21/2024	301	228,430,971
3/22/2024	333	228,909,830
3/23/2024	335	229,392,611
3/24/2024	330	229,867,288
3/25/2024	325	230,335,968
3/26/2024	334	230,817,011
3/27/2024	332	231,294,397
3/28/2024	331	231,771,480
3/29/2024	330	232,247,068
3/30/2024	333	232,726,081
3/31/2024	333	233,205,457
March Total	N/A	14,788,566
Reporting Period Total	N/A	44,351,814

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 #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Average Extraction Flow Rate (gpm)			Total Volume (gal)			
	January	February	March	January	February	March	Total Reporting Period
Willis Creek (Northern Alignment)							
EW-01	12.84	12.12	12.93	573,193	506,287	576,979	1,656,459
EW-02	5.83	5.57	5.96	260,442	232,749	266,189	759,381
EW-03	2.38	2.34	2.49	106,131	97,916	111,014	315,061
EW-04	1.01	0.75	0.55	45,055	31,470	24,717	101,241
EW-05	13.88	12.93	13.75	619,474	540,113	613,978	1,773,565
EW-06	7.93	7.50	7.86	353,906	313,348	350,861	1,018,115
EW-07	2.27	1.87	0.68	101,142	78,245	30,294	209,681
EW-08	4.28	4.21	4.08	191,060	175,812	182,078	548,949
EW-09	0.03	0.01	0.00	1,416	601	145	2,162
EW-10	1.15	0.77	0.57	51,262	32,285	25,288	108,835
EW-11	1.64	0.54	0.26	73,402	22,537	11,770	107,710
EW-12	1.32	0.86	1.06	58,919	35,778	47,193	141,890
EW-13	0.80	0.67	0.61	35,867	28,150	27,343	91,359
EW-14	4.46	4.45	4.40	199,131	185,883	196,611	581,625
EW-15	0.00	0.00	0.00	0	0	0	0
Average Northern Alignment EW	3.99	3.64	3.68	N/A	N/A	N/A	N/A
Barrier Wall (Southern Alignment)							
EW-16	0.00	0.00	0.00	0	0	0	0
EW-17	0.01	0.01	0.19	580	615	8,526	9,720
EW-18	1.00	0.67	0.75	44,774	28,061	33,348	106,183
EW-19	1.04	2.17	2.45	46,570	90,410	109,555	246,535
EW-20	0.23	0.25	0.30	10,318	10,413	13,344	34,075
EW-21	0.00	0.00	0.00	0	0	0	0
EW-22	6.94	6.92	6.98	309,793	289,128	311,430	910,351
EW-23	0.00	0.00	0.00	0	0	0	0
EW-24	2.97	2.97	2.99	132,769	123,901	133,484	390,154
EW-25	1.42	1.73	1.60	63,488	72,305	71,463	207,256
EW-26S	0.76	0.71	0.80	33,839	29,539	35,642	99,020
EW-27	4.96	4.94	4.98	221,311	206,447	222,477	650,234
EW-28	0.74	0.71	0.74	32,919	29,787	33,029	95,734
EW-29	4.46	4.45	4.49	199,181	185,808	200,229	585,219
EW-30	3.96	3.95	3.99	176,997	165,153	177,955	520,105
EW-31	7.93	7.91	7.97	354,031	330,301	355,921	1,040,254
EW-32	0.68	0.47	1.13	30,561	19,482	50,441	100,484
EW-33	1.46	1.63	1.65	65,168	68,105	73,714	206,987
EW-34	5.16	5.94	4.99	230,336	247,871	222,583	700,791
EW-35	0.00	0.00	0.00	0	0	4	4
EW-36	7.80	7.91	7.97	348,320	330,335	355,928	1,034,584
EW-37	4.46	4.45	4.49	199,190	185,770	200,243	585,202
EW-38	16.77	16.68	16.94	748,710	696,735	756,382	2,201,828
EW-39	1.37	1.41	1.46	60,952	58,963	65,039	184,953
EW-40	19.83	19.78	19.93	885,010	826,006	889,836	2,600,851
EW-41	5.95	5.92	4.04	265,423	247,186	180,360	692,968
EW-42	3.96	3.95	3.98	176,926	165,121	177,871	519,918
EW-43	4.95	4.91	4.98	220,925	204,966	222,451	648,343
EW-44	0.00	0.00	0.00	0	0	0	0
EW-45	2.96	3.18	3.99	132,037	132,852	177,903	442,792
EW-46	0.00	0.00	0.00	0	0	0	0
EW-47	3.73	3.96	3.99	166,624	165,226	177,917	509,767
EW-48	0.68	0.76	0.87	30,523	31,717	38,637	100,877
EW-49	5.90	5.93	5.98	263,383	247,742	267,123	778,248
EW-50	1.98	1.98	1.99	88,402	82,503	88,962	259,867
EW-51	3.86	3.95	3.99	172,193	165,137	178,059	515,389
EW-52	3.86	5.93	5.98	172,152	247,801	267,140	687,093
EW-53	4.30	4.45	4.49	191,901	185,869	200,399	578,170
EW-54	2.60	2.97	2.99	115,933	123,911	133,431	373,275
EW-55	3.24	3.47	3.49	144,623	145,029	155,620	445,273
EW-56	5.92	5.92	5.98	264,121	247,297	266,871	778,289
EW-57	0.00	0.00	0.00	0	0	0	0
EW-58	1.48	1.46	1.61	66,014	60,790	72,090	198,893
EW-60	0.24	0.21	0.01	10,758	8,614	641	20,012

Table 4-3
Extraction Well Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Average Extraction Flow Rate (gpm)			Total Volume (gal)			
	January	February	March	January	February	March	Total Reporting Period
EW-61	2.08	2.06	2.23	93,021	86,048	99,624	278,693
EW-62	1.57	1.84	2.16	69,968	76,772	96,642	243,382
EW-63	10.85	10.79	10.95	484,311	450,736	488,673	1,423,720
EW-64	0.00	0.00	0.00	0	0	0	0
EW-65	0.84	1.24	1.31	37,309	51,592	58,648	147,549
EW-66	11.88	11.78	11.95	530,284	491,987	533,341	1,555,612
EW-67	31.72	31.65	31.86	1,415,999	1,321,605	1,422,148	4,159,752
EW-68	27.75	27.69	27.87	1,238,702	1,156,354	1,244,330	3,639,386
EW-69	27.74	27.58	27.88	1,238,131	1,151,841	1,244,354	3,634,326
Average Southern Alignment EW	4.98	5.08	5.12	N/A	N/A	N/A	N/A

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

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Daily Volume Influent (gallons)	Cumulative Volume Influent (gallons)	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
Prior Total	193,886,310		N/A	196,690,733	
1/1/2024	517,798	194,404,108	353	508,195	197,198,928
1/2/2024	514,440	194,918,548	349	502,725	197,701,653
1/3/2024	507,935	195,426,483	341	491,278	198,192,931
1/4/2024	508,858	195,935,341	338	486,708	198,679,639
1/5/2024	483,832	196,419,173	331	476,231	199,155,870
1/6/2024	503,990	196,923,163	344	495,699	199,651,569
1/7/2024	603,452	197,526,615	406	584,249	200,235,818
1/8/2024	582,894	198,109,509	400	576,521	200,812,339
1/9/2024	550,896	198,660,405	376	541,185	201,353,524
1/10/2024	590,004	199,250,409	401	577,470	201,930,994
1/11/2024	598,861	199,849,270	404	582,384	202,513,378
1/12/2024	596,982	200,446,252	406	585,324	203,098,702
1/13/2024	608,322	201,054,574	416	598,686	203,697,388
1/14/2024	606,900	201,661,474	411	592,010	204,289,398
1/15/2024	604,734	202,266,208	407	585,363	204,874,761
1/16/2024	610,525	202,876,733	413	595,378	205,470,139
1/17/2024	605,970	203,482,703	413	595,392	206,065,531
1/18/2024	619,788	204,102,491	401	577,967	206,643,498
1/19/2024	620,171	204,722,662	409	589,000	207,232,498
1/20/2024	643,320	205,365,982	443	637,281	207,869,779
1/21/2024	581,084	205,947,066	397	572,260	208,442,039
1/22/2024	614,183	206,561,249	415	597,478	209,039,517
1/23/2024	566,155	207,127,404	382	549,644	209,589,161
1/24/2024	523,011	207,650,415	356	512,090	210,101,251
1/25/2024	519,568	208,169,983	353	508,116	210,609,367
1/26/2024	532,392	208,702,375	363	522,174	211,131,541
1/27/2024	510,276	209,212,651	346	498,492	211,630,033
1/28/2024	508230	209,720,881	343	493573	212,123,606
1/29/2024	509,050	210,229,931	345	496,158	212,619,764
1/30/2024	493,548	210,723,479	332	478,354	213,098,118
1/31/2024	529,135	211,252,614	354	510,104	213,608,222
January Total	17,366,304		N/A	16,917,489	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Daily Volume Influent (gallons)	Cumulative Volume Influent (gallons)	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
2/1/2024	498,309	211,750,923	341	491,424	214,099,646
2/2/2024	487,063	212,237,986	324	466,579	214,566,225
2/3/2024	474,005	212,711,991	322	463,915	215,030,140
2/4/2024	483,588	213,195,579	328	472,394	215,502,534
2/5/2024	476,726	213,672,305	321	462,862	215,965,396
2/6/2024	471,496	214,143,801	318	457,473	216,422,869
2/7/2024	492,925	214,636,726	342	492,863	216,915,732
2/8/2024	461,128	215,097,854	324	465,987	217,381,719
2/9/2024	497,573	215,595,427	343	493,403	217,875,122
2/10/2024	577,047	216,172,474	394	567,804	218,442,926
2/11/2024	603,682	216,776,156	414	596,386	219,039,312
2/12/2024	585,852	217,362,008	400	576,590	219,615,902
2/13/2024	587,064	217,949,072	400	575,682	220,191,584
2/14/2024	586,430	218,535,502	396	570,400	220,761,984
2/15/2024	551,759	219,087,261	379	546,276	221,308,260
2/16/2024	573,514	219,660,775	388	559,297	221,867,557
2/17/2024	520,738	220,181,513	351	504,812	222,372,369
2/18/2024	512,240	220,693,753	346	497,891	222,870,260
2/19/2024	505,793	221,199,546	340	489,935	223,360,195
2/20/2024	509,974	221,709,520	343	493,862	223,854,057
2/21/2024	496,409	222,205,929	336	483,764	224,337,821
2/22/2024	442,976	222,648,905	297	428,079	224,765,900
2/23/2024	470,093	223,118,998	313	450,958	225,216,858
2/24/2024	521,879	223,640,877	339	488,190	225,705,048
2/25/2024	524,532	224,165,409	355	511,771	226,216,819
2/26/2024	505,890	224,671,299	356	512,387	226,729,206
2/27/2024	500,454	225,171,753	341	490,530	227,219,736
2/28/2024	494,224	225,665,977	334	480,729	227,700,465
2/29/2024	491,983	226,157,960	334	480,590	228,181,055
February Total	14,905,346		N/A	14,572,833	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Daily Volume Influent (gallons)	Cumulative Volume Influent (gallons)	Average Discharge Flow Rate (gpm)	Daily Volume Treated and Discharged (gallons)	Cumulative Volume Treated and Discharged (gallons)
3/1/2024	488,325	226,646,285	327	471,090	228,652,145
3/2/2024	502,819	227,149,104	336	483,399	229,135,544
3/3/2024	492,191	227,641,295	345	497,094	229,632,638
3/4/2024	501,594	228,142,889	340	489,279	230,121,917
3/5/2024	501,769	228,644,658	325	468,385	230,590,302
3/6/2024	497,782	229,142,440	324	466,429	231,056,731
3/7/2024	560,516	229,702,956	347	499,082	231,555,813
3/8/2024	543,484	230,246,440	395	569,447	232,125,260
3/9/2024	560,433	230,806,873	387	557,326	232,682,586
3/10/2024	551,008	231,357,881	371	534,181	233,216,767
3/11/2024	535,963	231,893,844	361	520,458	233,737,225
3/12/2024	524,107	232,417,951	356	512,146	234,249,371
3/13/2024	488,618	232,906,569	330	474,776	234,724,147
3/14/2024	547,151	233,453,720	365	525,443	235,249,590
3/15/2024	589,009	234,042,729	404	581,456	235,831,046
3/16/2024	602,567	234,645,296	408	588,085	236,419,131
3/17/2024	595,998	235,241,294	408	587,087	237,006,218
3/18/2024	594,441	235,835,735	404	581,748	237,587,966
3/19/2024	583,880	236,419,615	395	568,862	238,156,828
3/20/2024	542,202	236,961,817	360	518,047	238,674,875
3/21/2024	505,600	237,467,417	316	455,102	239,129,977
3/22/2024	524,085	237,991,502	352	507,368	239,637,345
3/23/2024	537,363	238,528,865	355	511,667	240,149,012
3/24/2024	523,771	239,052,636	362	521,088	240,670,100
3/25/2024	513,653	239,566,289	345	496,134	241,166,234
3/26/2024	517,588	240,083,877	332	478,760	241,644,994
3/27/2024	527,641	240,611,518	353	507,965	242,152,959
3/28/2024	521,052	241,132,570	338	486,165	242,639,124
3/29/2024	606,743	241,739,313	427	614,670	243,253,794
3/30/2024	610,341	242,349,654	417	601,128	243,854,922
3/31/2024	614,603	242,964,257	420	604,402	244,459,324
March Total	16,806,297		N/A	16,278,269	
Reporting Period Total	49,077,947		N/A	47,768,591	

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 influent volume and 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.

4 - Differences in daily and cumulative volumes between influent and discharged are attributable to the measurement resolution of the flow meters at the influent and effluent locations.

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0124-2** Sample Date: 2-Jan-24	**004 Effluent** **004-EFF-0124-2** Sample Date: 2-Jan-24	**004 Influent** **004-INF-0124-2A** Sample Date: 8-Jan-24	**004 Effluent** **004-EFF-0124-2A** Sample Date: 8-Jan-24	**004 Influent** **004-INF-0124-3** Sample Date: 15-Jan-24	**004 Effluent** **004-EFF-0124-3** Sample Date: 15-Jan-24	**004 Influent** **004-INF-0124-4** Sample Date: 22-Jan-24	**004 Effluent** **004-EFF-0124-4** Sample Date: 22-Jan-24	**004 Influent** **004-INF-0124-5** Sample Date: 29-Jan-24	**004 Effluent** **004-EFF-0124-5** Sample Date: 29-Jan-24
Hfpo Dimer Acid	**14,000**	<2.0	**20,000**	<2.0	**14,000**	<2.0	**17,000**	<2.0	**12,000**	<2.0
PFMOAA	**69,000**	<2.0 UJ	**56,000**	<2.0 UJ	**63,000**	<2.0	**57,000**	<2.0	**56,000**	<2.0
PFO2HxA	**26,000**	<2.0	--	--	--	--	--	--	--	--
PFO3OA	**7,500**	<2.0	--	--	--	--	--	--	--	--
PFO4DA	**1,900**	<2.0	--	--	--	--	--	--	--	--
PFO5DA	**640**	<2.0	--	--	--	--	--	--	--	--
PMPA	**10,000**	<10	**18,000**	<10	**11,000**	<10	**16,000**	<10	**9,300**	<10
PEPA	**3,200**	<20	--	--	--	--	--	--	--	--
PS Acid	**760**	<2.0	--	--	--	--	--	--	--	--
Hydro-PS Acid	**300**	<2.0 UJ	--	--	--	--	--	--	--	--
R-PSDA	**940 J**	<2.0	--	--	--	--	--	--	--	--
Hydrolyzed PSDA	**6,800 J**	<2.0 UJ	--	--	--	--	--	--	--	--
R-PSDCA	**24**	<2.0	--	--	--	--	--	--	--	--
NVHOS, Acid Form	**980**	<2.0	--	--	--	--	--	--	--	--
EVE Acid	**170**	<2.0	--	--	--	--	--	--	--	--
Hydro-EVE Acid	**890**	<2.0	--	--	--	--	--	--	--	--
R-EVE	**530 J**	<2.0	--	--	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	--	--	--	--	--	--	--	--
PFECA B	<27	<2.0	--	--	--	--	--	--	--	--
PFECA-G	<48	<2.0	--	--	--	--	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	**140,000**	**ND**	--	--	--	--	--	--	--	--

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Total Table 3+ (17 Compounds) is not applicable for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
-- - 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 #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0224** Sample Date: 5-Feb-24	**004 Effluent** **004-EFF-0224** Sample Date: 5-Feb-24	**004 Influent** **004-INF-0224-2** Sample Date: 12-Feb-24	**004 Effluent** **004-EFF-0224-2** Sample Date: 12-Feb-24	**004 Influent** **004-INF-0224-3** Sample Date: 19-Feb-24	**004 Effluent** **004-EFF-0224-3** Sample Date: 19-Feb-24	**004 Influent** **004-INF-0224-4** Sample Date: 26-Feb-24	**004 Effluent** **004-EFF-0224-4** Sample Date: 26-Feb-24
Hfpo Dimer Acid	**11,000**	<2.0	**17,000**	<2.0	**11,000**	<2.0	**14,000**	<2.0
PFMOAA	**71,000**	<2.0	**59,000**	<2.0	**74,000**	<2.0 UJ	**62,000**	<2.0 UJ
PFO2HxA	--	--	**23,000**	<2.0	--	--	--	--
PFO3OA	--	--	**6,400**	<2.0	--	--	--	--
PFO4DA	--	--	**1,600**	<2.0	--	--	--	--
PFO5DA	--	--	**470**	<2.0	--	--	--	--
PMPA	**10,000**	<10	**14,000**	<10	**10,000**	<10	**10,000**	<10 UJ
PEPA	--	--	**6,000**	<20	--	--	--	--
PS Acid	--	--	**1,600**	<2.0	--	--	--	--
Hydro-PS Acid	--	--	**620**	<2.0	--	--	--	--
R-PSDA	--	--	**1,800 J**	<2.0	--	--	--	--
Hydrolyzed PSDA	--	--	**16,000 J**	<2.0	--	--	--	--
R-PSDCA	--	--	**33**	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	**1,200**	<2.0	--	--	--	--
EVE Acid	--	--	**1,200**	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	**1,200**	<2.0	--	--	--	--
R-EVE	--	--	**930 J**	<2.0	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	**5.3**	<2.0	--	--	--	--
PFECA B	--	--	<13	<2.0	--	--	--	--
PFECA-G	--	--	<24	<2.0	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	--	--	**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 for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
-- - 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 #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0324** Sample Date: 4-Mar-24	**004 Effluent** **004-EFF-0324** Sample Date: 4-Mar-24	**004 Influent** **004-INF-0324-2** Sample Date: 11-Mar-24	**004 Effluent** **004-EFF-0324-2** Sample Date: 11-Mar-24	**004 Influent** **004-INF-0324-3** Sample Date: 18-Mar-24	**004 Effluent** **004-EFF-0324-3** Sample Date: 18-Mar-24	**004 Influent** **004-INF-0324-4** Sample Date: 25-Mar-24	**004 Effluent** **004-EFF-0324-4** Sample Date: 25-Mar-24
Hfpo Dimer Acid	**12,000**	<2.0	**16,000**	<2.0	**15,000**	<2.0	**14,000**	<2.0
PFMOAA	**62,000**	<2.0	**46,000**	<2.0	**53,000**	<2.0	**62,000**	<2.0
PFO2HxA	--	--	**21,000**	<2.0	--	--	--	--
PFO3OA	--	--	**5,200**	<2.0	--	--	--	--
PFO4DA	--	--	**1,600**	<2.0	--	--	--	--
PFO5DA	--	--	**510**	<2.0	--	--	--	--
PMPA	**10,000**	<10	**10,000**	<10	**13,000**	<10	**10,000**	<10
PEPA	--	--	**3,600**	<10	--	--	--	--
PS Acid	--	--	**1,100**	<2.0	--	--	--	--
Hydro-PS Acid	--	--	**560**	<2.0	--	--	--	--
R-PSDA	--	--	**1,300 J**	<2.0	--	--	--	--
Hydrolyzed PSDA	--	--	**12,000 J**	<2.0	--	--	--	--
R-PSDCA	--	--	<25	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	**830**	<2.0	--	--	--	--
EVE Acid	--	--	**570**	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	**840**	<2.0	--	--	--	--
R-EVE	--	--	**500 J**	<2.0	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<25	<2.0	--	--	--	--
PFECA B	--	--	<25	<2.0	--	--	--	--
PFECA-G	--	--	<25	<2.0	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	--	--	**110,000**	**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 for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
-- - 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 #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1,2] ***(ng/L)***	**004 Influent** **004-INF-0224-2** Sample Date: 12-Feb-24	**004 Effluent** **004-EFF-0224** Sample Date: 12-Feb-24
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	**250**	<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	**99**	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0
Perfluorohexanoic Acid	**35**	<2.0
Perfluorononanesulfonic Acid	<2.0	<2.0
Perfluorononanoic Acid	**8.2**	<2.0
Perfluorooctadecanoic Acid	<2.0 UJ	<2.0 UJ
Perfluorooctane Sulfonamide	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0
Perfluoropentanoic Acid	**810**	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0
PFOA	**23**	<2.0
PFOS	<2.0	<2.0

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
2 - Sample analysis under EPA Method 537 MOD SOP is required one time per quarter.
Bold - Analyte detected above associated reporting limit.
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 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)*	*Aug 14 (0.41)*	*Jan 27 (0.00)*	*Feb 25 (0.07)*	*Mar 26 (0.45)*	*April 17 (0.00)*	*May 20 (0.00)*	*Jun 18 (0.00)*	*Jul 17 (0.00)*	*Aug. 15 (0.09)*
		Aug 2 (0.00)	*Aug 15 (0.09)*	*Jan 28 (0.00)*	*Feb 26 (0.00)*	*Mar 27 (0.63)*	*Apr 18 (0.00)*	*May 21 (0.00)*	*Jun 19 (0.16)*	*Jul1 18 (0.00)*	*Aug. 16 (0.00)*
		Aug 3 (0.00)	*Aug 16 (0.00)*	*Jan 29 (0.08)*	*Feb 27 (0.00)*	*Mar 28 (0.28)*	*Apr 19 (0.00)*	*May 22 (0.00)*	*Jun 20 (1.11)*	*Jul 19 (0.00)*	*Aug. 17 (0.00)*
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**February 28, 2023**	**March 29, 2023**	**April 20, 2023**	**May 23, 2023**	**June 21, 2023**	**July 20, 2023**	**August 18, 2023**
Willis Creek Observation Wells (Northern Alignment): 18 Wells											
OW-11	Black Creek Aquifer	49.63	49.57	49.02	48.39	46.58	46.62	48.25	46.16	45.98	45.89
OW-12	Black Creek Aquifer	34.08	34.08	34.81	31.61	29.71	30.26	29.32	29.15	29.08	28.95
OW-13	Black Creek Aquifer	34.10	34.05	34.42	33.63	32.32	33.61	32.02	31.43	31.50	31.20
OW-14	Black Creek Aquifer	33.62	33.47	34.67	34.09	33.11	36.60	32.97	32.08	32.76	32.05
OW-41	Black Creek Aquifer	49.13	49.12	48.33	47.66	46.46	46.51	46.11	45.97	45.78	45.69
OW-42	Black Creek Aquifer	47.89	47.86	47.42	46.81	45.90	45.94	45.52	45.47	45.27	45.15
OW-43	Black Creek Aquifer	34.49	34.42	34.62	33.64	32.04	33.09	31.76	31.20	31.13	31.14
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	27.97	27.80
OW-56	Black Creek Aquifer	Well Installed January 24, 2023		36.92	36.50	36.63	37.17	35.99	36.18	35.89	35.74
OW-57	Black Creek Aquifer	Well Installed January 17, 2023		45.75	45.24	44.58	44.62	44.27	44.22	44.07	43.92
PIW-1D	Black Creek Aquifer	32.59	32.47	33.95	33.15	32.25	35.09	31.96	31.25	32.06	31.27
PIW-11	Black Creek Aquifer	43.28	43.24	43.89	43.62	43.14	43.65	42.87	42.61	43.10	42.70
PIW-12	Black Creek Aquifer	33.74	33.69	34.39	31.90	26.64	28.38	26.68	26.43	26.36	26.17
PIW-13	Black Creek Aquifer	33.66	33.60	34.20	30.68	24.95	28.16	25.74	25.00	25.21	25.38
PIW-14	Black Creek Aquifer	34.05	34.00	34.44	32.47	29.90	31.36	29.80	29.20	28.98	29.45
PIW-15	Black Creek Aquifer	32.74	32.65	33.54	32.88	32.00	33.87	31.69	31.10	31.50	31.01
SMW-12	Black Creek Aquifer	33.03	33.03	33.52	31.19	29.17	30.17	28.82	28.23	27.97	Not Gauged
Median (Black Creek Aquifer wells)		34.07	34.03	34.72	33.64	32.29	34.48	31.99	31.25	31.50	31.24
Observation Wells ≤200 ft Upgradient of Barrier Wall: 19 Wells											
OW-02	Black Creek Aquifer	48.82	48.72	48.79	44.34	39.18	42.55	34.58	32.97	32.29	33.10
OW-03	Black Creek Aquifer	49.52	49.44	49.60	44.06	38.43	42.24	34.14	32.57	32.56	32.79
OW-07	Black Creek Aquifer	44.87	44.75	45.36	41.10	37.61	35.00	29.91	27.90	25.40	25.73
OW-08	Black Creek Aquifer	44.12	43.98	44.60	40.37	36.86	34.14	29.09	27.05	25.50	24.85
OW-15	Black Creek Aquifer	Well Installed September 22, 2022		56.91	56.50	57.53	57.66	57.21	57.16	57.14	57.23
OW-17	Black Creek Aquifer	44.87	44.82	43.53	39.81	34.88	32.77	32.96	32.87	32.90	32.87
OW-18	Black Creek Aquifer	47.17	47.37	48.61	48.79	47.95	46.93	46.58	46.44	46.42	46.44
OW-19	Black Creek Aquifer	46.36	46.23	46.68	41.42	37.73	38.50	30.38	28.05	26.48	25.83
OW-21	Black Creek Aquifer	45.13	45.00	45.51	41.70	37.87	35.40	30.65	28.15	26.50	25.75
OW-24	Black Creek Aquifer	43.17	43.15	43.73	38.94	36.23	34.77	30.02	28.27	26.97	26.15
OW-26	Black Creek Aquifer	55.22	55.16	54.84	53.79	45.67	44.05	42.50	40.15	39.08	40.15
OW-29	Black Creek Aquifer	59.58	59.54	59.14	58.57	51.34	49.72	47.54	45.62	44.64	43.90
OW-31	Black Creek Aquifer	60.44	60.41	60.07	59.43	47.00	50.58	42.85	41.55	40.60	39.98
OW-34	Surficial Aquifer	62.98	62.81	62.03	64.53	66.36	67.30	67.50	67.41	67.45	67.36
OW-35	Surficial Aquifer	66.33	66.10	65.67	65.71	65.45	68.18	68.35	68.35	68.73	68.55
OW-36	Surficial Aquifer	62.72	62.61	62.07	61.85	61.64	61.48	61.51	61.52	61.51	61.71
OW-37	Surficial Aquifer	Well Installed June 21, 2023								57.38	57.27
OW-38	Black Creek Aquifer	Well Installed September 22, 2022		61.93	61.94	61.64	61.60	61.45	61.40	61.22	61.28
OW-51	Black Creek Aquifer	Well Installed June 20, 2023								26.21	25.17
Median (Black Creek Aquifer wells)		46.77	46.80	48.70	44.20	38.81	42.40	34.36	32.92	32.56	32.87
Median (Surficial Aquifer wells)		62.98	62.81	62.07	64.53	65.45	67.30	67.50	67.41	64.48	64.54

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Sep. 18 (0.00)* *Sept. 19 (0.00)* *Sept. 20 (0.00)*	*Oct. 27 (0.00)* *Oct 28. (0.00)* *Oct. 29 (0.00)*	*Nov. 25 (0.00)* *Nov. 26 (0.06)* *Nov. 27 (0.03)*	*Dec. 17 (3.34)* *Dec. 18 (0.04)* *Dec. 19 (0.00)*	*Jan. 28 (0.02)* *Jan. 29 (0.00)* *Jan. 30 (0.00)*	*Feb. 24 (0.01)* *Feb. 25 (0.00)* *Feb. 26 (0.01)*	*Mar. 24 (0.00)* *Mar. 25 (0.00)* *Mar. 26 (0.00)*	**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, NAVD88)**								
		Monthly O&M	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		September 21, 2023	**October 30, 2023**	**November 28, 2023**	**December 20, 2023**	**January 31, 2024**	**February 27, 2024**	**March 27, 2024**	**March 27, 2024 vs. January 30, 2023**	**March 27 vs February 27, 2024**
Willis Creek Observation Wells (Northern Alignment): 18 Wells										
OW-11	Black Creek Aquifer	45.82	45.80	45.63	46.82	45.92	45.72	45.72	3.30	0.00
OW-12	Black Creek Aquifer	29.39	29.10	29.19	31.32	30.65	29.17	28.94	5.87	0.23
OW-13	Black Creek Aquifer	31.54	31.32	31.04	32.25	32.92	31.98	31.77	2.65	0.21
OW-14	Black Creek Aquifer	32.22	31.59	31.36	32.42	34.77	33.07	33.10	1.57	0.03
OW-41	Black Creek Aquifer	45.64	45.66	45.45	45.59	45.79	45.57	45.57	2.76	0.00
OW-42	Black Creek Aquifer	45.16	45.12	44.95	45.17	45.25	45.03	45.02	2.40	0.01
OW-43	Black Creek Aquifer	31.49	31.55	31.44	31.69	32.69	32.04	31.95	2.67	0.09
OW-54	Black Creek Aquifer	Dry	Dry	Dry	Dry	35.87	33.37	33.21	2.66	0.16
OW-55	Black Creek Aquifer	28.60	28.05	28.20	28.12	29.65	28.44	28.16	6.61	0.28
OW-56	Black Creek Aquifer	36.01	35.89	36.09	Not Gauged	36.99	35.99	36.46	0.46	0.47
OW-57	Black Creek Aquifer	43.95	43.92	43.78	44.12	44.04	43.87	43.87	1.88	0.00
PIW-1D	Black Creek Aquifer	31.51	30.96	30.75	32.07	34.31	32.18	32.25	1.70	0.07
PIW-11	Black Creek Aquifer	42.96	42.57	42.61	43.34	43.40	43.44	43.72	0.17	0.28
PIW-12	Black Creek Aquifer	27.27	26.54	26.73	28.96	28.20	27.05	26.73	7.66	0.32
PIW-13	Black Creek Aquifer	26.70	26.48	26.70	27.26	28.70	27.68	27.28	6.92	0.40
PIW-14	Black Creek Aquifer	30.02	29.98	29.93	30.10	30.99	30.07	29.94	4.50	0.13
PIW-15	Black Creek Aquifer	31.29	30.85	30.59	32.85	33.55	31.80	31.68	1.86	0.12
SMW-12	Black Creek Aquifer	Not Gauged	28.42	28.64	28.70	28.78	29.10	28.87	4.65	0.23
Median (Black Creek Aquifer wells)		31.53	31.32	31.04	32.16	33.93	32.11	32.10	2.67	0.21
Observation Wells <200 ft Upgradient of Barrier Wall: 19 Wells										
OW-02	Black Creek Aquifer	33.95	34.55	34.62	34.25	34.92	35.07	35.07	13.72	0.00
OW-03	Black Creek Aquifer	33.62	34.29	34.34	33.94	34.69	34.79	34.84	14.76	0.05
OW-07	Black Creek Aquifer	28.39	29.50	29.80	29.90	31.00	31.25	31.55	13.81	0.30
OW-08	Black Creek Aquifer	27.61	28.75	29.06	29.14	30.25	30.40	30.80	13.80	0.40
OW-15	Black Creek Aquifer	57.21	57.31	57.28	57.06	57.13	57.73	57.91	-1.00	0.18
OW-17	Black Creek Aquifer	32.90	33.17	32.82	32.72	33.22	32.96	33.06	10.47	0.10
OW-18	Black Creek Aquifer	46.56	46.43	46.25	46.71	46.33	46.12	46.63	1.98	0.51
OW-19	Black Creek Aquifer	28.36	29.53	29.78	29.67	30.57	30.73	31.26	15.42	0.53
OW-21	Black Creek Aquifer	28.68	30.08	30.43	30.51	31.45	31.57	32.01	13.50	0.44
OW-24	Black Creek Aquifer	27.54	28.27	28.43	28.54	29.63	29.77	30.35	13.38	0.58
OW-26	Black Creek Aquifer	41.05	42.33	42.07	41.99	41.98	42.00	42.17	12.67	0.17
OW-29	Black Creek Aquifer	43.68	44.69	44.43	44.27	44.44	44.55	44.65	14.49	0.10
OW-31	Black Creek Aquifer	40.08	40.55	40.02	39.79	40.02	41.05	41.10	18.97	0.05
OW-34	Surficial Aquifer	67.57	67.82	67.64	67.53	67.71	67.61	67.70	-5.67	0.09
OW-35	Surficial Aquifer	68.58	68.40	68.32	68.34	68.64	68.65	68.75	-3.08	0.10
OW-36	Surficial Aquifer	61.66	62.01	61.91	62.01	62.29	62.31	62.24	-0.17	0.07
OW-37	Surficial Aquifer	57.30	57.02	56.61	56.79	56.42	56.24	56.46	N/A	0.22
OW-38	Black Creek Aquifer	61.45	61.82	61.89	61.90	62.38	62.72	62.80	-0.87	0.08
OW-51	Black Creek Aquifer	26.36	27.14	27.45	27.61	28.52	28.77	29.14	N/A	0.37
Median (Black Creek Aquifer wells)		33.62	34.29	34.34	33.94	34.69	34.79	34.84	13.61	0.24
Median (Surficial Aquifer wells)		64.62	64.92	64.78	64.77	65.00	64.96	64.97	-3.08	0.10

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)*	*Aug 14 (0.41)*	*Jan 27 (0.00)*	*Feb 25 (0.07)*	*Mar 26 (0.45)*	*April 17 (0.00)*	*May 20 (0.00)*	*Jun 18 (0.00)*	*Jul 17 (0.00)*	*Aug. 15 (0.09)*
		Aug 2 (0.00)	*Aug 15 (0.09)*	*Jan 28 (0.00)*	*Feb 26 (0.00)*	*Mar 27 (0.63)*	*Apr 18 (0.00)*	*May 21 (0.00)*	*Jun 19 (0.16)*	*Jul1 18 (0.00)*	*Aug. 16 (0.00)*
		Aug 3 (0.00)	*Aug 16 (0.00)*	*Jan 29 (0.08)*	*Feb 27 (0.00)*	*Mar 28 (0.28)*	*Apr 19 (0.00)*	*May 22 (0.00)*	*Jun 20 (1.11)*	*Jul 19 (0.00)*	*Aug. 17 (0.00)*
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**February 28, 2023**	**March 29, 2023**	**April 20, 2023**	**May 23, 2023**	**June 21, 2023**	**July 20, 2023**	**August 18, 2023**
Observation Wells ≤200 ft Downgradient of Barrier Wall: 21 Wells											
OW-04/04R	Black Creek Aquifer	59.45	59.42	Well Abandoned; Replacement Well Installed July 31, 2023						Replaced July 31, 2023	52.03
OW-09/09R	Black Creek Aquifer	59.61	59.57	Well Abandoned; Replacement Well Installed August 1, 2023						Replaced August 1, 2023	40.33
OW-20	Black Creek Aquifer	46.34	46.24	46.53	41.54	39.35	37.91	38.39	38.49	39.03	38.44
OW-22	Black Creek Aquifer	43.95	43.89	44.50	40.94	37.53	37.36	38.41	38.55	39.08	38.58
OW-23	Black Creek Aquifer	43.27	43.18	43.86	39.75	36.73	35.88	38.31	38.36	38.80	38.28
OW-25	Black Creek Aquifer	41.95	41.90	42.52	39.00	36.50	35.77	38.62	38.36	38.36	37.89
OW-32	Black Creek Aquifer	Well Installed August 2, 2023								Replaced August 2, 2023	38.45
OW-39	Black Creek Aquifer	Well Installed August 1, 2023								Replaced August 1, 2023	40.36
OW-44	Black Creek Aquifer	36.51	36.31	36.28	36.94	36.34	37.41	36.06	35.28	35.38	34.63
OW-45	Black Creek Aquifer	44.39	44.20	44.78	45.24	40.05	39.93	39.10	38.82	39.78	38.50
OW-46	Black Creek Aquifer	46.28	46.20	46.59	41.41	38.85	37.88	38.35	38.50	39.03	38.42
OW-47	Black Creek Aquifer	43.84	43.72	44.33	40.45	36.98	37.05	38.18	38.32	38.87	38.32
OW-48	Black Creek Aquifer	43.11	43.06	43.69	39.33	36.40	35.29	38.24	38.27	38.64	38.13
OW-49	Black Creek Aquifer	42.13	42.06	42.67	38.83	36.23	35.42	38.43	38.34	38.36	37.88
OW-50	Black Creek Aquifer	41.42	41.35	42.01	41.78	35.37	36.17	39.50	39.33	39.48	39.00
OW-52	Black Creek Aquifer	Well Installed August 2, 2023								Replaced August 2, 2023	38.01
OW-53	Black Creek Aquifer	Well Installed October 11, 2023									
PIW-4D	Black Creek Aquifer	43.59	43.45	43.90	46.26	39.89	39.88	38.90	38.65	39.64	38.30
PIW-5S/5SR	Surficial Aquifer	59.70	59.52	58.82	56.31	Replaced on April 12, 2023	54.13	53.15	53.37	53.54	53.25
PW-10R/10RR	Black Creek Aquifer	47.78	47.62	47.99	42.18	Replaced on April 12, 2023	41.20	38.52	38.39	39.19	38.32
PIW-10DR	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	41.50
Median (Black Creek Aquifer wells)		43.84	43.72	43.90	40.94	36.86	37.36	38.41	38.39	39.03	38.42
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	39.67	38.31
LTW-03	Floodplain	38.05	37.93	39.27	38.48	36.95	37.85	36.70	36.40	36.53	36.05
LTW-05	Black Creek Aquifer	41.24	41.20	41.93	38.69	36.30	35.71	37.89	37.86	38.02	37.46
OW-16	Black Creek Aquifer	35.39	35.24	36.69	36.49	35.86	37.27	35.34	34.59	34.94	34.17
OW-27	Black Creek Aquifer	41.16	41.12	41.70	41.36	36.09	36.80	39.35	39.21	39.32	38.85
OW-28	Black Creek Aquifer	40.04	40.01	40.63	40.43	38.16	38.86	39.04	39.00	38.99	38.99
OW-30	Black Creek Aquifer	40.38	40.33	40.98	39.55	36.80	37.91	38.94	38.95	39.17	Not Gauged
OW-33	Black Creek Aquifer	40.42	40.39	41.07	39.89	37.45	38.32	39.29	39.34	39.44	Not Gauged
OW-40	Black Creek Aquifer	40.58	40.53	40.66	40.68	40.09	40.86	40.13	40.15	40.23	Not Gauged
PIW-3D	Black Creek Aquifer	35.39	35.26	36.61	36.39	35.97	37.14	35.36	34.67	35.07	34.32
PIW-7S	Floodplain	42.28	42.16	43.03	39.55	36.56	35.79	37.74	37.80	38.28	37.61
PIW-7D	Black Creek Aquifer	43.18	43.10	43.78	39.98	36.96	36.36	38.38	38.45	38.88	38.33
PW-11	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	
PZ-22	Black Creek Aquifer	43.24	43.15	43.81	40.36	37.28	36.89	38.21	38.37	38.85	38.33
Median (Black Creek Aquifer wells)		40.58	40.53	41.07	39.98	36.96	37.27	38.94	38.71	38.99	38.32

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Sep. 18 (0.00)* *Sept. 19 (0.00)* *Sept. 20 (0.00)*	*Oct. 27 (0.00)* *Oct 28. (0.00)* *Oct. 29 (0.00)*	*Nov. 25 (0.00)* *Nov. 26 (0.06)* *Nov. 27 (0.03)*	*Dec. 17 (3.34)* *Dec. 18 (0.04)* *Dec. 19 (0.00)*	*Jan. 28 (0.02)* *Jan. 29 (0.00)* *Jan. 30 (0.00)*	*Feb. 24 (0.01)* *Feb. 25 (0.00)* *Feb. 26 (0.01)*	*Mar. 24 (0.00)* *Mar. 25 (0.00)* *Mar. 26 (0.00)*	**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, NAVD88)**								
		Monthly O&M	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		September 21, 2023	**October 30, 2023**	**November 28, 2023**	**December 20, 2023**	**January 31, 2024**	**February 27, 2024**	**March 27, 2024**	**March 27, 2024 vs. January 30, 2023**	**March 27 vs February 27, 2024**
Observation Wells <200 ft Downgradient of Barrier Wall: 21 Wells										
OW-04/04R	Black Creek Aquifer	40.33	40.27	40.12	40.28	40.97	40.52	40.53	N/A	0.01
OW-09/09R	Black Creek Aquifer	40.33	40.27	40.12	40.28	40.95	40.53	40.53	N/A	0.00
OW-20	Black Creek Aquifer	38.57	38.04	37.75	38.23	39.54	39.31	39.73	6.80	0.42
OW-22	Black Creek Aquifer	38.63	38.12	37.83	38.23	39.61	39.35	39.78	4.72	0.43
OW-23	Black Creek Aquifer	38.33	37.83	37.64	38.19	39.38	39.06	39.41	4.45	0.35
OW-25	Black Creek Aquifer	37.99	37.61	37.54	38.47	39.06	38.61	38.84	3.68	0.23
OW-32	Black Creek Aquifer	38.75	39.03	38.49	38.27	38.49	38.50	38.70	N/A	0.20
OW-39	Black Creek Aquifer	40.42	40.32	40.20	40.35	40.89	40.57	40.57	N/A	0.00
OW-44	Black Creek Aquifer	34.18	33.79	33.58	33.69	36.23	36.02	36.20	0.08	0.18
OW-45	Black Creek Aquifer	38.85	38.07	38.01	39.10	40.20	40.01	40.22	4.56	0.21
OW-46	Black Creek Aquifer	38.55	37.95	37.75	38.22	39.53	39.33	39.74	6.85	0.41
OW-47	Black Creek Aquifer	38.38	37.87	37.58	37.99	39.39	39.12	39.53	4.80	0.41
OW-48	Black Creek Aquifer	38.17	37.74	37.55	38.12	39.26	38.89	39.24	4.45	0.35
OW-49	Black Creek Aquifer	37.99	37.61	37.54	38.43	39.04	38.61	38.84	3.83	0.23
OW-50	Black Creek Aquifer	39.13	38.75	38.60	39.20	40.53	39.73	40.11	1.90	0.38
OW-52	Black Creek Aquifer	38.06	37.56	37.26	37.69	39.05	38.79	39.24	N/A	0.45
OW-53	Black Creek Aquifer	Well Installed October 11, 2023	37.96	37.74	38.08	39.48	39.25	39.66	N/A	0.41
PIW-4D	Black Creek Aquifer	38.67	37.85	37.83	38.95	40.01	39.82	40.05	3.85	0.23
PIW-5S/5SR	Surficial Aquifer	53.30	Dry	Dry	Dry	Dry	Dry	Dry	N/A	N/A
PW-10R/10RR	Black Creek Aquifer	38.52	35.00	37.82	38.57	39.79	39.56	39.92	8.07	0.36
PIW-10DR	Black Creek Aquifer	41.31	41.05	40.62	40.45	41.53	40.89	41.04	N/A	0.15
Median (Black Creek Aquifer wells)		38.57	37.96	37.79	38.35	39.54	39.32	39.74	4.45	0.35
Observation Wells >200 ft Downgradient of Barrier Wall: 14 Wells										
LTW-02	Black Creek Aquifer	38.71	37.89	37.89	39.13	40.07	39.88	40.09	3.41	0.21
LTW-03	Floodplain	35.91	35.80	35.55	36.03	37.98	37.63	38.25	1.02	0.62
LTW-05	Black Creek Aquifer	37.57	37.22	37.14	38.39	38.76	38.26	38.47	3.46	0.21
OW-16	Black Creek Aquifer	33.79	33.41	33.06	33.68	36.32	35.50	35.71	0.98	0.21
OW-27	Black Creek Aquifer	38.94	38.62	38.49	39.05	40.32	39.60	39.88	1.82	0.28
OW-28	Black Creek Aquifer	38.69	38.32	38.26	39.08	39.99	39.29	39.58	1.05	0.29
OW-30	Black Creek Aquifer	38.87	38.64	38.52	Not Gauged	40.15	39.32	39.57	1.41	0.25
OW-33	Black Creek Aquifer	39.17	38.97	38.87	Not Gauged	40.42	39.64	39.87	1.20	0.23
OW-40	Black Creek Aquifer	40.08	40.00	39.88	Not Gauged	40.87	40.30	40.35	0.31	0.05
PIW-3D	Black Creek Aquifer	33.97	33.53	33.25	33.95	36.45	35.62	35.82	0.79	0.20
PIW-7S	Floodplain	37.77	37.22	37.10	37.79	38.82	38.52	38.82	4.21	0.30
PIW-7D	Black Creek Aquifer	38.42	37.95	37.73	38.31	39.46	39.13	39.48	4.30	0.35
PW-11	Black Creek Aquifer	40.61	40.51	40.37	40.56	41.13	41.28	40.75	N/A	0.53
PZ-22	Black Creek Aquifer	38.43	37.85	37.65	38.12	39.40	39.11	39.50	4.31	0.39
Median (Black Creek Aquifer wells)		38.70	38.14	38.08	38.39	40.03	39.31	39.58	1.41	0.24

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)*	*Aug 14 (0.41)*	*Jan 27 (0.00)*	*Feb 25 (0.07)*	*Mar 26 (0.45)*	*April 17 (0.00)*	*May 20 (0.00)*	*Jun 18 (0.00)*	*Jul 17 (0.00)*	*Aug. 15 (0.09)*
		Aug 2 (0.00)	*Aug 15 (0.09)*	*Jan 28 (0.00)*	*Feb 26 (0.00)*	*Mar 27 (0.63)*	*Apr 18 (0.00)*	*May 21 (0.00)*	*Jun 19 (0.16)*	*Jul1 18 (0.00)*	*Aug. 16 (0.00)*
		Aug 3 (0.00)	*Aug 16 (0.00)*	*Jan 29 (0.08)*	*Feb 27 (0.00)*	*Mar 28 (0.28)*	*Apr 19 (0.00)*	*May 22 (0.00)*	*Jun 20 (1.11)*	*Jul 19 (0.00)*	*Aug. 17 (0.00)*
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**									
		Baseline			**Mid-Commissioning**	**Post-Startup**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**February 28, 2023**	**March 29, 2023**	**April 20, 2023**	**May 23, 2023**	**June 21, 2023**	**July 20, 2023**	**August 18, 2023**
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)								Not Gauged (Interim Pumping)	
BCA-02	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	
NAF-11B	Surficial Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	
PIW-2D	Black Creek Aquifer	58.08	57.94	57.64	57.59	57.67	57.74	57.64	57.42	57.34	57.29
PW-02	Surficial Aquifer	87.27	87.00	85.32	85.09	84.85	84.73	84.40	83.13	83.93	83.71
PW-03	Surficial Aquifer	104.95	104.87	104.39	104.45	104.24	104.33	104.42	104.38	104.35	102.09
PW-04	Surficial Aquifer	68.40	68.33	67.49	68.36	68.55	68.55	68.72	68.43	69.13	69.45
PW-14	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	
PW-15R	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)								Not Gauged (Interim Pumping)	
SMW-03B	Black Creek Aquifer	89.92	89.71	87.73	87.47	87.19	87.03	86.79	86.60	86.35	86.23
SMW-09	Surficial Aquifer	82.14	82.03	80.43	80.26	80.12	79.20	79.71	79.93	79.75	79.75
Median (Surficial Aquifer wells)		84.71	84.52	82.88	82.68	82.49	81.97	82.06	81.53	81.84	81.73
Median (Black Creek Aquifer wells)		74.00	73.83	72.69	72.53	72.43	72.39	72.22	72.01	71.85	71.76

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Sep. 18 (0.00)* *Sept. 19 (0.00)* *Sept. 20 (0.00)*	*Oct. 27 (0.00)* *Oct 28. (0.00)* *Oct. 29 (0.00)*	*Nov. 25 (0.00)* *Nov. 26 (0.06)* *Nov. 27 (0.03)*	*Dec. 17 (3.34)* *Dec. 18 (0.04)* *Dec. 19 (0.00)*	*Jan. 28 (0.02)* *Jan. 29 (0.00)* *Jan. 30 (0.00)*	*Feb. 24 (0.01)* *Feb. 25 (0.00)* *Feb. 26 (0.01)*	*Mar. 24 (0.00)* *Mar. 25 (0.00)* *Mar. 26 (0.00)*	**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, NAVD88)**								
		Monthly O&M	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		September 21, 2023	**October 30, 2023**	**November 28, 2023**	**December 20, 2023**	**January 31, 2024**	**February 27, 2024**	**March 27, 2024**	**March 27, 2024 vs. January 30, 2023**	**March 27 vs February 27, 2024**
Observation Wells >200 ft Upgradient of Barrier Wall/Willis Creek Alignments: 11 Wells										
BCA-01	Black Creek Aquifer	80.01	79.65	79.77	79.63	79.56	79.95	79.45	N/A	0.50
BCA-02	Black Creek Aquifer	Not Gauged	70.63	70.35	69.96	70.28	70.17	70.27	N/A	0.10
NAF-11B	Surficial Aquifer	Dry	Dry	Dry	Dry	Dry	Dry	Dry	N/A	N/A
PIW-2D	Black Creek Aquifer	57.19	56.94	56.78	57.04	57.41	56.99	57.04	0.60	0.05
PW-02	Surficial Aquifer	83.53	83.41	83.38	83.34	83.33	83.88	83.30	2.02	0.58
PW-03	Surficial Aquifer	Not Gauged	104.38	104.08	103.66	104.20	104.22	104.48	-0.09	0.26
PW-04	Surficial Aquifer	70.79	70.10	69.28	68.77	69.30	69.33	69.43	-1.94	0.10
PW-14	Black Creek Aquifer	Not Gauged	81.55	81.42	81.25	81.26	81.27	81.19	N/A	0.08
PW-15R	Black Creek Aquifer	68.92	68.57	68.84	68.76	69.34	69.63	68.93	N/A	0.70
SMW-03B	Black Creek Aquifer	86.05	85.90	85.75	85.57	85.38	85.71	85.25	2.48	0.46
SMW-09	Surficial Aquifer	79.68	79.45	79.55	79.45	80.20	79.35	79.28	1.15	0.07
Median (Surficial Aquifer wells)		79.68	81.43	81.47	81.40	81.77	81.62	81.29	0.53	0.18
Median (Black Creek Aquifer wells)		74.47	75.14	75.06	74.80	74.92	75.06	74.86	1.54	0.28

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	LTW-01					LTW-02				
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	**CAP2Q23-LTW-01-051723** Sample Date: 17-May-23	**CAP3Q23-LTW-01-071323** Sample Date: 13-Jul-23	**CAP4Q23-LTW-01-110323** Sample Date: 3-Nov-23	**CAP1Q24-LTW-01-011724** Sample Date: 17-Jan-24	**CAP1Q23-LTW-02-021623** Sample Date: 16-Feb-23	**CAP2Q23-LTW-02-051723** Sample Date: 17-May-23	**CAP3Q23-LTW-02-071223** Sample Date: 12-Jul-23	**CAP4Q23-LTW-02-110323** Sample Date: 3-Nov-23	**CAP1Q24-LTW-02-011724** Sample Date: 17-Jan-24
Hfpo Dimer Acid	**18,000**	**18,000**	**8,500**	**15,000**	**15,000**	**2,800**	**7,000**	**6,800 J**	**9,800**	**12,000**
PFMOAA	**23,000**	**21,000**	**27,000**	**24,000**	**12,000**	**9,300**	**17,000**	**31,000**	**27,000**	**32,000**
PFO2HxA	**23,000**	**21,000**	**28,000**	**25,000**	**17,000**	**4,800**	**10,000**	**22,000**	**21,000**	**28,000**
PFO3OA	**5,700**	**5,300**	**6,400**	**5,700**	**3,300**	**1,100**	**1,900**	**3,700**	**4,100**	**5,200**
PFO4DA	**1,300**	**1,500**	**1,600**	**1,300**	**950**	**86**	**120**	**180**	**160**	**200**
PFO5DA	**170**	**170**	**200**	**210**	**140**	<78	<78	<2.0	<100	<130
PMPA	**16,000**	**16,000**	**19,000**	**18,000**	**15,000**	**1,800**	**5,700**	**11,000**	**11,000**	**14,000**
PEPA	**5,900**	**5,700**	**7,200**	**6,200**	**6,800**	**580**	**1,800**	**3,600**	**3,500**	**5,100**
PS Acid	<20	<20	<2.0	<40	<50	<20	<20	<2.0	<40	<50
Hydro-PS Acid	**310**	**300**	**280**	**280**	**200**	<6.1	**15**	**17**	<44	<55
R-PSDA	**960 J**	<71	**940 J**	**790 J**	**830 J**	<71	<71	**620 J**	**520 J**	**780 J**
Hydrolyzed PSDA	**560 J**	**690 J**	**760 J**	**590 J**	**83 J**	**270 J**	<38	**1,300 J**	**1,500 J**	**1,800 J**
R-PSDCA	<17	<17	**6.9**	<140	<180	<17	<17	<3.0	<140	<180
NVHOS, Acid Form	**390**	**440**	**320**	**430**	**270**	**160**	**300**	**320**	**410**	**450**
EVE Acid	<17	<17	<2.0	<40	<50	<17	<17	<2.0	<40	<50
Hydro-EVE Acid	**160**	**140**	**150**	**140**	**51**	<14	**38**	**39**	**42**	<30
R-EVE	**550 J**	**580 J**	**560 J**	**530 J**	**310 J**	<72	<72	**260 J**	**410 J**	**440 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<6.7	<6.7	<2.0	<29	<36
PFECA B	<27	<27	<2.0	<62	<78	<27	<27	<2.0	<62	<78
PFECA-G	<48	<48	<2.0	<29	<36	<48	<48	<2.0	<29	<36
PFPrA	--	--	**22,000**	**24,000**	**15,000**	--	--	**16,000**	**21,000**	**23,000**
Total Table 3+ (17 compounds)[2,3]	**93,900**	**89,600**	**98,700**	**96,300**	**70,700**	**20,600**	**43,900**	**78,700**	**77,000**	**97,000**
Total Table 3+ (18 compounds)[2,4]	--	--	**121,000**	**120,000**	**85,700**	--	--	**94,700**	**98,000**	**120,000**
Total Table 3+ (21 compounds)[2,5]	--	--	**123,000**	**122,000**	**86,900**	--	--	**96,800**	**100,000**	**123,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**Mass Loading Model Sampling Program (Quarterly)**									
	LTW-03					**LTW-04**				
	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	**CAP2Q23-LTW-03-052323** Sample Date: 23-May-23	**CAP3Q23-LTW-03-071223** Sample Date: 12-Jul-23	**CAP4Q23-LTW-03-111323** Sample Date: 13-Nov-23	**CAP1Q24-LTW-03-013124** Sample Date: 31-Jan-24	**CAP1Q23-LTW-04-021723** Sample Date: 17-Feb-23	**CAP2Q23-LTW-04-052323** Sample Date: 23-May-23	**CAP3Q23-LTW-04-071123** Sample Date: 11-Jul-23	**CAP4Q23-LTW-04-110223** Sample Date: 2-Nov-23	**CAP1Q24-LTW-04-011624** Sample Date: 16-Jan-24
Hfpo Dimer Acid	**11,000**	**10,000**	**8,600**	**5,800 J**	**7,800**	**18,000**	**19,000**	**9,800 J**	**17,000**	**17,000**
PFMOAA	**120,000**	**120,000**	**140,000 J**	**110,000 J**	**86,000**	**55,000**	**55,000**	**57,000 J**	**61,000**	**55,000**
PFO2HxA	**34,000**	**41,000**	**49,000 J**	**24,000 J**	**28,000**	**23,000**	**28,000**	**29,000**	**26,000**	**26,000**
PFO3OA	**5,800**	**6,700**	**7,600**	**5,900**	**3,800**	**4,400**	**5,200**	**5,200**	**5,300**	**5,100**
PFO4DA	**200**	**220**	**230**	**240**	**150**	**630**	**620**	**780**	**650**	**560**
PFO5DA	<78	<78	<2.0	<2.0	<130	<78	<78	**26**	<100	<130
PMPA	**14,000**	**15,000**	**16,000**	**18,000**	**11,000**	**17,000**	**16,000**	**20,000**	**17,000**	**16,000**
PEPA	**3,400**	**3,500**	**3,600**	**3,700**	**2,200**	**6,400**	**6,000**	**6,900**	**6,100**	**5,500**
PS Acid	<20	<20	<2.0	<2.0	<50 UJ	<20	<20	**5**	<40	<50
Hydro-PS Acid	<6.1	**28**	**26**	**26**	<55	**170**	**210**	**190**	**180**	**150**
R-PSDA	**1,000 J**	**950 J**	**900 J**	**870 J**	**770 J**	**2,000 J**	**1,700 J**	**1,700 J**	**1,700 J**	**1,400 J**
Hydrolyzed PSDA	**7,100 J**	**5,800 J**	**5,900 J**	**6,500 J**	**5,300 J**	**4,200 J**	**2,300 J**	**3,000 J**	**3,800 J**	**2,800 J**
R-PSDCA	<17	<17	<3.0	<3.0	<180	<17	<17	**12**	<140	<180
NVHOS, Acid Form	**1,300**	**1,300**	**1,900**	**1,400**	**1,100**	**1,300**	**1,200**	**1,400**	**1,100**	**1,200**
EVE Acid	<17	<17	<2.0	<2.0	<50 UJ	<17	<17	<2.0	<40	<50
Hydro-EVE Acid	**71**	**64**	**63**	**56**	**42**	**500**	**390**	**540**	**470**	**370**
R-EVE	**520 J**	**430 J**	**150 J**	**180 J**	**320 J**	**2,000 J**	**1,500 J**	**1,300 J**	**1,700 J**	**1,100 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	**6.1**	**6**	<36	<6.7	<6.7	**8.2**	<29	<36
PFECA B	<27	<27	<2.0	<2.0	<78	<27	<27	<2.0	<62	<78
PFECA-G	<48	<48	<2.0	<2.0	<36	<48	<48	<2.0	<29	<36
PFPrA	--	--	**62,000 J**	**61,000 J**	**47,000**	--	--	**53,000**	**48,000**	**43,000 J**
Total Table 3+ (17 compounds) [2,3]	**190,000**	**198,000**	**227,000**	**169,000**	**140,000**	**126,000**	**132,000**	**131,000**	**135,000**	**127,000**
Total Table 3+ (18 compounds) [2,4]	--	--	**289,000**	**230,000**	**187,000**	--	--	**184,000**	**183,000**	**170,000**
Total Table 3+ (21 compounds) [2,5]	--	--	**296,000**	**238,000**	**193,000**	--	--	**190,000**	**190,000**	**175,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**Mass Loading Model Sampling Program (Quarterly)**									
	LTW-05					**OW-28**				
	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	**CAP2Q23-LTW-05-052223** Sample Date: 22-May-23	**CAP3Q23-LTW-05-071123** Sample Date: 11-Jul-23	**CAP4Q23-LTW-05-110223** Sample Date: 2-Nov-23	**CAP1Q24-LTW-05-011524** Sample Date: 15-Jan-24	**CAP1Q23-OW-28-022023** Sample Date: 20-Feb-23	**CAP2Q23-OW-28-052523** Sample Date: 25-May-23	**CAP3Q23-OW-28-071123** Sample Date: 11-Jul-23	**CAP4Q23-OW-28-110223** Sample Date: 2-Nov-23	**CAP1Q24-OW-28-011824** Sample Date: 18-Jan-24
Hfpo Dimer Acid	**18,000**	**19,000 J**	**9,000**	**18,000**	**31,000**	**4,800**	**4,800**	**4,400**	**4,400**	**3,800**
PFMOAA	**120,000**	**130,000 J**	**120,000 J**	**170,000**	**200,000**	**1,500**	**1,900**	**1,600**	**1,600**	**1,600**
PFO2HxA	**36,000**	**48,000 J**	**41,000 J**	**58,000**	**68,000**	**2,500**	**3,500**	**3,400**	**3,100**	**3,300**
PFO3OA	**8,300**	**11,000 J**	**9,500**	**14,000**	**21,000**	**510**	**670**	**550**	**680**	**620**
PFO4DA	**2,100**	**2,100 J**	**2,000**	**1,900**	**2,300**	**110**	**83**	**94**	**120**	**85**
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<78	<78	<2.0	<100	<130
PMPA	**4,000**	**4,600 J**	**4,200**	**5,500**	**9,200**	**5,000**	**6,400**	**5,200**	**6,000**	**5,700**
PEPA	**620**	**530 J**	**440**	**510**	**1,800**	**1,900**	**2,500**	**1,800**	**2,200**	**2,800**
PS Acid	<20	<20 UJ	<2.0	<40	<50	<20	<20	<2.0	<40	<50
Hydro-PS Acid	**190**	**190 J**	**200**	**200**	**330**	**75**	**74**	**75**	**75**	**84**
R-PSDA	**490 J**	**670 J**	**500 J**	**950 J**	**1,300 J**	**340 J**	**310 J**	**250 J**	**230 J**	**280 J**
Hydrolyzed PSDA	**880 J**	**1,100 J**	**950 J**	**1,900 J**	**2,600 J**	<38	<38	**2.2 J**	<27 UJ	<34
R-PSDCA	**19**	<17 UJ	**17**	<140	<180	<17	<17	<3.0	<140	<180
NVHOS, Acid Form	**1,100**	**1,300 J**	**1,000**	**1,500**	**2,100**	**110**	<15	**31**	<130	<160
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<17	<17	<2.0	<40	<50
Hydro-EVE Acid	**750**	**720 J**	**720**	**770**	**1,300**	<14	<14	**14**	<24	<30
R-EVE	**610 J**	**760 J**	**610 J**	**1,200 J**	**1,500 J**	**190 J**	**180 J**	**380 J**	**140 J**	**120 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7 UJ	**11**	<29	<36	<6.7	<6.7	<2.0	<29	<36
PFECA B	<27	<27 UJ	<2.0	<62	<78	<27	<27	<2.0	<62	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<48	<48	<2.0	<29	<36
PFPrA	--	--	**83,000 J**	**120,000**	**120,000**	--	--	**5,200**	**5,500**	**6,500**
Total Table 3+ (17 compounds) [2,3]	**191,000**	**217,000**	**188,000**	**270,000**	**337,000**	**16,500**	**19,900**	**17,200**	**18,200**	**18,000**
Total Table 3+ (18 compounds) [2,4]	--	--	**271,000**	**390,000**	**457,000**	--	--	**22,400**	**23,700**	**24,500**
Total Table 3+ (21 compounds) [2,5]	--	--	**273,000**	**394,000**	**462,000**	--	--	**23,000**	**24,000**	**24,900**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**Mass Loading Model Sampling Program (Quarterly)**									
	OW-33					**PIW-1D**				
	CAP1Q23-OW-33-021423 Sample Date: 14-Feb-23	**CAP2Q23-OW-33-051823** Sample Date: 18-May-23	**CAP3Q23-OW-33-071223** Sample Date: 12-Jul-23	**CAP4Q23-OW-33-110223** Sample Date: 2-Nov-23	**CAP1Q24-OW-33-013024** Sample Date: 30-Jan-24	**CAP1Q23-PIW-1D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-1D-052323** Sample Date: 23-May-23	**CAP3Q23-PIW-1D-080223** Sample Date: 2-Aug-23	**CAP4Q23-PIW-1D-110723** Sample Date: 7-Nov-23	**CAP1Q24-PIW-1D-012224** Sample Date: 22-Jan-24
Hfpo Dimer Acid	**5,300**	**5,000**	**4,000**	**4,900**	**4,400**	**9,800**	**9,900**	**9,200 J**	**8,800**	**8,600**
PFMOAA	**7,900**	**8,400**	**11,000**	**9,800**	**7,700**	**12,000**	**12,000**	**11,000 J**	**9,900**	**10,000**
PFO2HxA	**4,700**	**4,300**	**6,500**	**5,900**	**3,800**	**8,800**	**11,000**	**9,900 J**	**12,000**	**9,800**
PFO3OA	**810**	**840**	**1,100**	**1,100**	**560**	**1,500**	**1,700**	**1,600**	**1,700**	**1,900**
PFO4DA	<59	<59	71	**66**	<50	**430**	**440**	**410**	**430**	**250**
PFO5DA	<78	<78	<2.0	<100	<130	<78	<78	<100	<100	<130
PMPA	**4,800**	**5,200**	**6,100**	**6,000**	**4,500**	**7,800**	**9,000**	**9,600 J**	**8,600**	**9,800**
PEPA	**2,000**	**1,800**	**2,300**	**2,200**	**1,300**	**2,600**	**3,000**	**3,200**	**3,100**	**3,700**
PS Acid	<20	<20	**8**	<40	<50 UJ	<20	<20	<40	<40	<50
Hydro-PS Acid	**29**	**53**	**43**	<44	<55	**87**	**98**	**86**	**76**	**95**
R-PSDA	**280 J**	<71	**290 J**	**250 J**	**210 J**	**330 J**	**380 J**	**370 J**	**320 J**	**380 J**
Hydrolyzed PSDA	<38	<38	**58 J**	**61 J**	**38 J**	<38	<38	<27	<27	<34
R-PSDCA	<17	<17	<3.0	<140	<180	<17	<17	<140	<140	<180
NVHOS, Acid Form	**170**	**240**	**130**	**140**	<160	**190**	**160**	**150 J**	**140**	<160
EVE Acid	<17	<17	<2.0	<40	<50 UJ	<17	<17	<40	<40	<50
Hydro-EVE Acid	<14	<14	**14**	<24	<30	**31**	<14	**29**	**28**	**32**
R-EVE	**130 J**	<72	**220 J**	**170 J**	**140 J**	**190 J**	**200 J**	**280 J**	**220 J**	**180 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<6.7	<6.7	<29	<29	<36
PFECA B	<27	<27	<2.0	<62	<78	<27	<27	<62	<62	<78
PFECA-G	<48	<48	<2.0	<29	<36	<48	<48	<29	<29	<36
PFPrA	--	--	**9,900**	**9,400**	**7,300**	--	--	**12,000 J**	**12,000**	**11,000**
Total Table 3+ (17 compounds) [2,3]	**25,700**	**25,800**	**31,300**	**30,100**	**22,300**	**43,200**	**47,300**	**45,200**	**44,800**	**44,200**
Total Table 3+ (18 compounds) [2,4]	--	--	**41,200**	**39,500**	**29,600**	--	--	**57,200**	**56,800**	**55,200**
Total Table 3+ (21 compounds) [2,5]	--	--	**41,700**	**40,000**	**29,900**	--	--	**57,800**	**57,300**	**55,700**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PIW-1S					PIW-3D				
	CAP1Q23-PIW-1S-021623 Sample Date: 16-Feb-23	**Not Sampled in 2Q 2023 (Dry)**	**Not Sampled in 3Q 2023 (Dry)**	**Not Sampled in 4Q 2023 (Dry)**	**CAP1Q24-PIW-1S-011624** Sample Date: 16-Jan-24	**CAP1Q23-PIW-3D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-3D-051723** Sample Date: 17-May-23	**CAP3Q23-PIW-3D-071323** Sample Date: 13-Jul-23	**CAP4Q23-PIW-3D-110323** Sample Date: 3-Nov-23	**CAP1Q24-PIW-3D-011824** Sample Date: 18-Jan-24
Hfpo Dimer Acid	**7,400**	--	--	--	**1,400**	**12,000**	**12,000**	**9,700**	**12,000**	**15,000**
PFMOAA	**2,000**	--	--	--	**390 J**	**9,400**	**8,500**	**13,000**	**19,000**	**25,000**
PFO2HxA	**4,700**	--	--	--	**1,200**	**12,000**	**10,000**	**16,000**	**19,000**	**27,000**
PFO3OA	**900**	--	--	--	**240**	**2,200**	**2,100**	**3,100**	**4,000**	**5,600**
PFO4DA	**440**	--	--	--	**110**	**940**	**800**	**890**	**1,200**	**1,800**
PFO5DA	<78	--	--	--	<130	**130**	<78	**160**	**200**	**380**
PMPA	**4,400**	--	--	--	**1,100**	**9,500**	**8,800**	**12,000**	**13,000**	**16,000**
PEPA	**1,900**	--	--	--	**330**	**3,700**	**3,400**	**4,500**	**4,700**	**6,100**
PS Acid	<20	--	--	--	<50	<20	<20	<2.0	<40	<50
Hydro-PS Acid	**210**	--	--	--	**230**	**240**	**200**	**240**	**290**	**340**
R-PSDA	<71	--	--	--	**110 J**	**520 J**	<71	**610 J**	**750 J**	**780 J**
Hydrolyzed PSDA	<38	--	--	--	<34	<38	<38	**15 J**	**300 J**	**470 J**
R-PSDCA	<17	--	--	--	<180	<17	<17	**4.7**	<140	<180
NVHOS, Acid Form	<15	--	--	--	<160	**190**	**290**	**170**	**310**	**360**
EVE Acid	<17	--	--	--	<50	<17	<17	<2.0	<40	<50
Hydro-EVE Acid	**62**	--	--	--	**30**	**72**	**70**	**74**	**100**	**100**
R-EVE	**180 J**	--	--	--	<39	**220 J**	<72	**280 J**	**420 J**	**390 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	--	--	--	<36	<6.7	<6.7	<2.0	<29	<36
PFECA B	<27	--	--	--	<78	<27	<27	<2.0	<62	<78
PFECA-G	<48	--	--	--	<36	<48	<48	<2.0	<29	<36
PFPrA	--	--	--	--	**1,300 J**	--	--	**19,000**	**21,000**	**22,000**
Total Table 3+ (17 compounds)[2,3]	**22,000**	--	--	--	**5,030**	**50,400**	**46,200**	**59,800**	**73,800**	**97,700**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**6,330**	--	--	**78,800**	**94,800**	**120,000**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**6,440**	--	--	**79,700**	**96,300**	**121,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**Mass Loading Model Sampling Program (Quarterly)**									
	PIW-7D					**PIW-7S**				
	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	**CAP2Q23-PIW-7D-052223** Sample Date: 22-May-23	**CAP3Q23-PIW-7D-071123** Sample Date: 11-Jul-23	**CAP4Q23-PIW-7D-110223** Sample Date: 2-Nov-23	**CAP1Q24-PIW-7D-011524** Sample Date: 15-Jan-24	**CAP1Q23-PIW-7S-021523** Sample Date: 15-Feb-23	**CAP2Q23-PIW-7S-052223** Sample Date: 22-May-23	**CAP3Q23-PIW-7S-071123** Sample Date: 11-Jul-23	**CAP4Q23-PIW-7S-110223** Sample Date: 2-Nov-23	**CAP1Q24-PIW-7S-011524** Sample Date: 15-Jan-24
Hfpo Dimer Acid	**17,000**	**8,800 J**	**9,600 J**	**13,000**	**14,000**	**15,000**	**12,000 J**	**8,000**	**12,000**	**13,000**
PFMOAA	**140,000**	**130,000 J**	**140,000 J**	**150,000**	**150,000**	**18,000**	**16,000 J**	**15,000**	**17,000**	**17,000**
PFO2HxA	**47,000**	**37,000 J**	**42,000 J**	**43,000**	**38,000**	**13,000**	**12,000 J**	**11,000**	**12,000**	**13,000**
PFO3OA	**9,200**	**5,900 J**	**6,800**	**6,100**	**6,500**	**5,100**	**3,800 J**	**2,800**	**4,300**	**3,800**
PFO4DA	**1,700**	**1,100 J**	**890**	**1,000**	**870**	**660**	**440 J**	**350**	**420**	**400**
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<78	<78 UJ	**19**	<100	<130
PMPA	**5,100**	**4,500 J**	**4,300**	**5,200**	**5,600**	**11,000**	**7,900 J**	**6,900**	**9,200**	**9,500**
PEPA	**1,100**	**950 J**	**950**	**1,000**	**1,100**	**4,500**	**3,300 J**	**2,500**	**3,400**	**3,800**
PS Acid	<20	<20 UJ	<2.0	<40	<50	<20	<20 UJ	<2.0	<40	<50
Hydro-PS Acid	**180**	**98 J**	**110**	**110**	**110**	**340**	**270 J**	**220**	**250**	**230**
R-PSDA	**710 J**	**470 J**	**460 J**	**510 J**	**570 J**	**1,200 J**	**960 J**	**710 J**	**910 J**	**790 J**
Hydrolyzed PSDA	**1,200 J**	**740 J**	**890 J**	**1,100 J**	**1,100 J**	<38	**63 J**	**110 J**	**60 J**	**45 J**
R-PSDCA	<17	<17 UJ	**7.3**	<140	<180	<17	<17 UJ	**5.4**	<140	<180
NVHOS, Acid Form	**1,200**	**990 J**	**1,100**	**1,200**	**1,300**	**830**	**630 J**	**520**	**690**	**680**
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<17	<17 UJ	<2.0	<40	<50
Hydro-EVE Acid	**610**	**330 J**	**360**	**360**	**320**	**650**	**460 J**	**360**	**430**	**360**
R-EVE	**870 J**	**550 J**	**560 J**	**680 J**	**540 J**	**1,400 J**	**1,000 J**	**820 J**	**1,200 J**	**880 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	**12**	<6.7 UJ	**8.5**	<29	<36	<6.7	<6.7 UJ	**3.3**	<29	<36
PFECA B	<27	<27 UJ	<2.0	<62	<78	<27	<27 UJ	<2.0	<62	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<48	<48 UJ	<2.0	<29	<36
PFPrA	--	--	**79,000 J**	**86,000**	**71,000 J**	--	--	**14,000**	**18,000**	**17,000 J**
Total Table 3+ (17 compounds) [2,3]	**223,000**	**190,000**	**206,000**	**221,000**	**218,000**	**69,100**	**56,800**	**47,700**	**59,700**	**61,800**
Total Table 3+ (18 compounds) [2,4]	--	--	**285,000**	**307,000**	**289,000**	--	--	**61,700**	**77,700**	**78,800**
Total Table 3+ (21 compounds) [2,5]	--	--	**287,000**	**309,000**	**291,000**	--	--	**63,300**	**79,900**	**80,500**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**Mass Loading Model Sampling Program (Quarterly)**									
	PW-04					**PZ-22**				
	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	**CAP2Q23-PW-04-052523** Sample Date: 25-May-23	**CAP3Q23-PW-04-072823** Sample Date: 28-Jul-23	**CAP4Q23-PW-04-110923** Sample Date: 9-Nov-23	**CAP1Q24-PW-04-011724** Sample Date: 17-Jan-24	**CAP1Q23-PZ-22-022023** Sample Date: 20-Feb-23	**CAP2Q23-PZ-22-052323** Sample Date: 23-May-23	**CAP3Q-PZ-22-071123** Sample Date: 11-Jul-23	**CAP4Q23-PZ-22-110223** Sample Date: 2-Nov-23	**CAP1Q24-PZ-22-011624** Sample Date: 16-Jan-24
Hfpo Dimer Acid	**730**	**980**	**950**	**670**	**1,000**	**13,000**	**12,000**	**7,300 J**	**11,000**	**11,000**
PFMOAA	**300**	**490**	**380**	**300**	**370**	**140,000**	**150,000**	**140,000**	**170,000**	**150,000**
PFO2HxA	**640**	**1,100**	**1,000**	**930**	**1,000**	**38,000**	**49,000**	**50,000**	**47,000**	**42,000**
PFO3OA	**330**	**520**	**520**	**340**	**450**	**3,600**	**5,400**	**4,800**	**5,400**	**5,100**
PFO4DA	**63**	**95**	**120**	**100**	**110**	**120**	**270**	**240**	**210**	**220**
PFO5DA	<78	<78	<100	<100	<130	<78	<78	<2.0	<100	<130
PMPA	**860**	**1,200**	**1,200**	**950**	**1,400**	**5,000**	**6,200**	**6,100**	**6,700**	**6,300**
PEPA	**330**	**440**	**480**	**320**	**590**	**1,200**	**1,500**	**1,600**	**1,500**	**1,400**
PS Acid	<20	<20	<40	<40	<50	<20	<20	**3.1**	<40	<50
Hydro-PS Acid	**22**	<6.1	<44	<44	<55	**28**	**36**	**35**	<44	<55
R-PSDA	**160 J**	**150 J**	**78 J**	<28	**130 J**	**540 J**	**560 J**	**540 J**	**510 J**	**440 J**
Hydrolyzed PSDA	<38	<38	<27	<27	<34	**890 J**	**1,000 J**	**1,100 J**	**1,600 J**	**1,100 J**
R-PSDCA	<17	<17	<140	<140	<180	<17	<17	**3.2**	<140	<180
NVHOS, Acid Form	<15	<15	<130	<130	<160	**1,100**	**1,300**	**1,500**	**1,200**	**1,300**
EVE Acid	<17	<17	<40	<40	<50	<17	<17	<2.0	<40	<50
Hydro-EVE Acid	<14	<14	<24	<24	<30	**46**	**84**	**79**	**73**	**73**
R-EVE	<72	**86 J**	**49 J**	**66 J**	**66 J**	**450 J**	**430 J**	**220 J**	**420 J**	**300 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<29	<29	<36	<6.7	<6.7	**6.3**	<29	<36
PFECA B	<27	<27	<62	<62	<78	<27	<27	<2.0	<62	<78
PFECA-G	<48	<48	<29	<29	<36	<48	<48	<2.0	<29	<36
PFPrA	--	--	**1,400**	**1,500**	**1,400**	--	--	**76,000**	**84,000**	**72,000 J**
Total Table 3+ (17 compounds) [2,3]	**3,280**	**4,830**	**4,650**	**3,610**	**4,920**	**202,000**	**226,000**	**212,000**	**243,000**	**217,000**
Total Table 3+ (18 compounds) [2,4]	--	--	**6,050**	**5,110**	**6,320**	--	--	**288,000**	**327,000**	**289,000**
Total Table 3+ (21 compounds) [2,5]	--	--	**6,180**	**5,180**	**6,520**	--	--	**290,000**	**330,000**	**291,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

	Mass Loading Model Sampling Program (Quarterly)					Performance Monitoring Plan Sampling Program (Semi-Annually)				
	SMW-12					OW-4R		OW-30		
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP1Q23-SMW-12-022323** Sample Date: 23-Feb-23	**CAP2Q23-SMW-12-051723** Sample Date: 17-May-23	**CAP3Q23-SMW-12-071823** Sample Date: 18-Jul-23	**CAP4Q23-SMW-12-110823** Sample Date: 8-Nov-23	**CAP1Q24-SMW-12-011624** Sample Date: 16-Jan-24	**CAP3Q23-OW-4R-080423** Sample Date: 4-Aug-23	**CAP1Q24-OW-4R-012924** Sample Date: 29-Jan-24	**CAP1Q23-OW-30-021523** Sample Date: 15-Feb-23	**CAP3Q23-OW-30-071323** Sample Date: 13-Jul-23	**CAP1Q24-OW-30-013024** Sample Date: 30-Jan-24
Hfpo Dimer Acid	**1,500**	**1,900**	**2,200**	**1,900**	**1,900**	**11,000**	**9,400**	**9,500**	**6,200**	**5,900**
PFMOAA	**2,900**	**5,100**	**5,800**	**8,300**	**9,600**	**42,000**	**35,000**	**32,000**	**27,000**	**21,000**
PFO2HxA	**1,200**	**1,900**	**3,500**	**4,200**	**3,200**	**17,000**	**13,000**	**12,000**	**11,000**	**8,300**
PFO3OA	**78**	**150**	**230**	**420**	**490**	**5,400**	**3,100**	**2,100**	**1,700**	**1,300**
PFO4DA	<59	<59	<36	<40	<50	**1,800**	**1,200**	<59	**8.9**	<50
PFO5DA	<78	<78	<91	<100	<130	<100	<130	<78	<2.0	<130
PMPA	**2,300**	**2,900**	**2,600**	**1,700**	**1,900**	**8,600**	**5,700**	**4,300**	**4,400**	**3,200**
PEPA	**460**	**550**	**620**	**340**	**300**	**2,700**	**1,900**	**1,300**	**1,300**	**900**
PS Acid	<20	<20	<36	<40	<50	<40	<50 UJ	<20	<2.0	<50 UJ
Hydro-PS Acid	<6.1	<6.1	<40	<44	<55	**290**	**250**	<6.1	<2.0	<55
R-PSDA	**150 J**	<71	**87 J**	**76 B**	**65 J**	**760 J**	**570 J**	**460 J**	**330 J**	**340 J**
Hydrolyzed PSDA	<38	<38	<25	<27	<34	**3,100 J**	**2,300 J**	**760 J**	**570 J**	**520 J**
R-PSDCA	<17	<17	<130	<140	<180	<140	<180	<17	<3.0	<180
NVHOS, Acid Form	48	<15	<120	<130	<160	**580**	**480**	**370**	**220**	**270**
EVE Acid	<17	<17	<36	<40	<50	<40	<50 UJ	<17	<2.0	<50 UJ
Hydro-EVE Acid	<14	<14	<22	<24	<30	**1,100**	**890**	**24**	**12**	<30
R-EVE	**97 J**	<72	**69 J**	**67 J**	**45 J**	**630 J**	**390 J**	**410 J**	**290 J**	**270 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<26	<29	<36	<29	<36	<6.7	<2.0	<36
PFECA B	<27	<27	<56	<62	<78	<62	<78	<27	<2.0	<78
PFECA-G	<48	<48	<26	<29	<36	<29	<36	<48	<2.0	<36
PFPrA	--	--	**5,900**	**7,000**	**6,400 J**	**25,000**	**21,000**	--	**19,000**	**16,000**
Total Table 3+ (17 compounds)[2,3]	**8,490**	**12,500**	**15,000**	**16,900**	**17,400**	**90,500**	**70,900**	**61,600**	**51,800**	**40,900**
Total Table 3+ (18 compounds)[2,4]	--	--	**20,900**	**23,900**	**23,800**	**115,000**	**91,900**	--	**70,800**	**56,900**
Total Table 3+ (21 compounds)[2,5]	--	--	**21,000**	**24,000**	**23,900**	**120,000**	**95,200**	--	**72,000**	**58,000**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)											
	OW-32		OW-37		OW-40			OW-51		OW-54		
	CAP3Q23-OW-32-090823 Sample Date: 8-Sep-23	CAP1Q24-OW-32-012924 Sample Date: 29-Jan-24	CAP3Q23-OW-37-081023 Sample Date: 10-Aug-23	CAP1Q24-OW-37-011724 Sample Date: 17-Jan-24	CAP1Q23-OW-40-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-40-071323 Sample Date: 13-Jul-23	CAP1Q24-OW-40-013024 Sample Date: 30-Jan-24	CAP3Q23-OW-51-080323 Sample Date: 3-Aug-23	CAP1Q24-OW-51-013124 Sample Date: 31-Jan-24	CAP1Q23-OW-54-021623 Sample Date: 16-Feb-23	Not Sampled in 3Q 2023 (Dry)	CAP1Q24-OW-54-020624 Sample Date: 6-Feb-24
Hfpo Dimer Acid	**580**	**3,200**	**4,000 J**	**290**	**5,200**	**3,300**	**3,400**	**33,000**	**11,000**	**4,500**	--	**740**
PFMOAA	**1,800**	**14,000**	**15,000 J**	**1,100**	**6,900**	**7,000**	**6,100**	**140,000**	**43,000**	**360**	--	**250**
PFO2HxA	**790**	**4,500**	**5,900 J**	**690**	**4,200**	**4,700**	**3,200**	**64,000**	**19,000**	**2,600**	--	**690**
PFO3OA	**130**	**1,200**	**2,600 J**	**260**	**1,100**	**1,400**	**650**	**23,000**	**6,500**	**410**	--	<110
PFO4DA	<40	**100**	**3,900 J**	**140**	**130**	**170**	**130**	**4,800**	**1,100**	**230**	--	**110**
PFO5DA	<100	<130	**140 J**	**420**	<78	<2.0	<130	<100	<130	<78	--	<130
PMPA	**260**	**1,800**	**2,000 J**	**200**	**4,300**	**4,400**	**3,700**	**9,400**	**3,200**	**2,600**	--	**760**
PEPA	**83**	**460**	**580 J**	**79**	**1,600**	**1,900**	**1,100**	**1,900**	**720**	**1,000**	--	**200**
PS Acid	<40	<50 UJ	<40 UJ	<50	<20	<2.0	<50 UJ	<40	<50 UJ	<20	--	<50 UJ
Hydro-PS Acid	<44	<55	**370 J**	**110**	**35**	**44**	<55	**660**	**150**	**120**	--	<55
R-PSDA	**44 J**	**220 J**	**1,500 J**	**100 J**	<71	**200 J**	**200 J**	**1,900 J**	**650 J**	<71	--	**78 J**
Hydrolyzed PSDA	**100 J**	**650 J**	**1,200 J**	**83 J**	**160 J**	**130 J**	**65 J**	**4,300 J**	**1,400 J**	<38	--	<34
R-PSDCA	<140	<180	<140 UJ	<180	<17	<3.0	<180	<140	<180	<17	--	<180
NVHOS, Acid Form	<130	**220**	**170 J**	<160	**130**	**90**	<160	**1,800**	**620**	<15	--	<160
EVE Acid	<40	<50 UJ	<40 UJ	<50	<17	<2.0	<50 UJ	<40	<50 UJ	<17	--	<50 UJ
Hydro-EVE Acid	<24	**70**	**120 J**	<30	**94**	**99**	**67**	**2,400**	**550**	<14	--	<30
R-EVE	**36 J**	**140 J**	**390 J**	<39	**170 J**	**240 J**	**100 J**	**2,600 J**	**700 J**	<72	--	**42 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<29 UJ	<36	<6.7	<2.0	<36	<29	<36	<6.7	--	<36
PFECA B	<62	<78	<62 UJ	<78	<27	<2.0	<78	<62	<78	<27	--	<78
PFECA-G	<29	<36	<29 UJ	<36	<48	<2.0	<36	<29	<36	<48	--	<36
PFPrA	**990**	**7,200**	**8,200 J**	**1,800**	--	**5,700**	**5,400**	**92,000**	**31,000**	--	--	**1,400**
Total Table 3+ (17 compounds)[2,3]	**3,640**	**25,600**	**34,800**	**3,290**	**23,700**	**23,100**	**18,300**	**281,000**	**85,800**	**11,800**	--	**2,750**
Total Table 3+ (18 compounds)[2,4]	**4,630**	**32,800**	**43,000**	**5,090**	--	**28,800**	**23,700**	**373,000**	**117,000**	--	--	**4,150**
Total Table 3+ (21 compounds)[2,5]	**4,810**	**33,800**	**46,100**	**5,270**	--	**29,400**	**24,100**	**382,000**	**120,000**	--	--	**4,270**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)										
	OW-55			OW-56			OW-57			PIW-4D	
	CAP1Q23-OW-55-021623 Sample Date: 16-Feb-23	CAP3Q23-OW-55-072523 Sample Date: 25-Jul-23	CAP1Q24-OW-55-020524 Sample Date: 5-Feb-24	CAP1Q23-OW-56-022123 Sample Date: 21-Feb-23	CAP3Q23-OW-56-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-56-020124 Sample Date: 1-Feb-24	CAP1Q23-OW-57-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-57-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-57-020624 Sample Date: 6-Feb-24	CAP3Q23-PIW-4D-071323 Sample Date: 13-Jul-23	CAP1Q24-PIW-4D-012224 Sample Date: 22-Jan-24
Hfpo Dimer Acid	**1,800**	**1,800**	**1,600**	**4,200**	**3,300**	**2,200**	**11,000**	**11,000**	**11,000**	**140**	**320**
PFMOAA	**220**	**300**	**550**	**350**	**520**	**420**	**130,000**	**130,000**	**130,000**	**1,300**	**1,900**
PFO2HxA	**690**	**940**	**820**	**1,800**	**2,100**	**1,300**	**36,000**	**37,000**	**37,000**	**470**	**1,100**
PFO3OA	**58**	<89	<110	**200**	**260**	**220**	**8,600**	**7,700**	**6,700**	**47**	**110**
PFO4DA	<59	<40	<50	<59	<40	<50	**1,100**	**1,000**	**1,000**	<2.0	**5.3**
PFO5DA	<78	<100	<130	<78	<100	<130	<78	<100	<130	<2.0	<2.0
PMPA	**2,800**	**3,800**	**1,800**	**2,600**	**2,800**	**1,500**	**22,000**	**21,000**	**16,000**	**150**	**290**
PEPA	**740**	**890**	**470**	**990**	**1,100**	**530**	**5,100**	**4,700**	**3,800**	**37**	**71**
PS Acid	<20	<40	<50 UJ	<20	<40	<50 UJ	**770**	**360**	**330 J**	<2.0	<2.0
Hydro-PS Acid	<6.1	<44	<55	**120**	**150**	**100**	**220**	**260**	**240**	<2.0	<2.0
R-PSDA	<71	**140 J**	**100 J**	**310 J**	**150 J**	**140 J**	**970 J**	**1,200 J**	**1,200 J**	**8.9 J**	**20 J**
Hydrolyzed PSDA	<38	<27	<34	<38	<27	<34	**16,000 J**	**14,000 J**	**15,000 J**	**25 J**	**80 J**
R-PSDCA	<17	<140	<180	<17	<140	<180	**17**	<140	<180	<3.0	<3.0
NVHOS, Acid Form	<15	<130	<160	**110**	<130	<160	**2,000**	**2,400**	**2,200**	**11**	**19**
EVE Acid	<17	<40	<50 UJ	<17	<40	<50 UJ	<17	<40	<50 UJ	<2.0	<2.0
Hydro-EVE Acid	<14	<24	<30	<14	<24	<30	**200**	**210**	**180**	<2.0	<2.0
R-EVE	**160 J**	**180 J**	**85 J**	**190 J**	**120 J**	**110 J**	**240 J**	**180 J**	**210 J**	**6.2 J**	**12 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<29	<36	<6.7	<29	<36	<6.7	<29	<36	<2.0	<2.0
PFECA B	<27	<62	<78	<27	<62	<78	<27	<62	<78	<2.0	<2.0
PFECA-G	<48	<29	<36	<48	<29	<36	<48	<29	<36	<2.0	<2.0
PFPrA	--	**2,900**	**1,700**	--	**2,200**	**1,500**	--	**44,000**	**48,000**	**880**	**1,300**
Total Table 3+ (17 compounds)[2,3]	**6,310**	**7,730**	**5,240**	**10,400**	**10,200**	**6,270**	**217,000**	**216,000**	**208,000**	**2,160**	**3,820**
Total Table 3+ (18 compounds)[2,4]	--	**10,600**	**6,940**	--	**12,400**	**7,770**	--	**260,000**	**256,000**	**3,040**	**5,120**
Total Table 3+ (21 compounds)[2,5]	--	**11,000**	**7,130**	--	**12,700**	**8,020**	--	**275,000**	**273,000**	**3,080**	**5,230**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)											
	PIW-5SR		PIW-6S		PIW-8D		PIW-10DR		PIW-10S		PIW-11	
	CAP3Q23-PIW-5SR-080423 Sample Date: 4-Aug-23	Not Sampled in 1Q 2024 (Dry)	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAP1Q24-PIW-6S-013124 Sample Date: 31-Jan-24	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAP1Q24-PIW-8D-012224 Sample Date: 22-Jan-24	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAP1Q24-PIW-10DR-012224 Sample Date: 22-Jan-24	CAP3Q23-PIW-10S-071323 Sample Date: 13-Jul-23	Not Sampled in 1Q 2024 (Dry)	CAP3Q23-PIW-11-073123 Sample Date: 31-Jul-23	CAP1Q24-PIW-11-020124 Sample Date: 1-Feb-24
Hfpo Dimer Acid	**24,000**	--	**8,400**	**9,500**	**12,000 J**	**46,000**	**6,600**	**8,300**	**3,800**	--	**3,500**	**1,400**
PFMOAA	**44,000**	--	**150,000 J**	**100,000**	**72,000 J**	**190,000**	**51,000 J**	**31,000**	**3,700**	--	**1,600**	**2,100**
PFO2HxA	**28,000**	--	**61,000 J**	**29,000**	**34,000 J**	**110,000**	**19,000**	**14,000**	**4,400**	--	**2,600**	**1,000**
PFO3OA	**7,000**	--	**5,500**	**4,100**	**14,000**	**43,000**	**5,800**	**4,800**	**800**	--	**420**	**230**
PFO4DA	**2,200**	--	**200**	**180**	**2,300**	**5,300**	**1,500**	**930**	**340**	--	**46**	<50
PFO5DA	**690**	--	<2.0	<130	<2.0	<130	**4**	<130	**6.8**	--	<100	<130
PMPA	**32,000**	--	**16,000**	**11,000**	**8,600**	**19,000**	**6,600**	**6,700**	**4,500**	--	**3,100**	**1,400**
PEPA	**15,000**	--	**3,400**	**2,300**	**2,500**	**5,500**	**2,400**	**2,300**	**2,100**	--	**1,000**	**320**
PS Acid	**40**	--	<2.0	<50 UJ	<2.0	<50	<2.0	<50	<2.0	--	<40	<50 UJ
Hydro-PS Acid	**140**	--	**25**	<55	**350**	**1,200**	**210**	**200**	**67**	--	<44	<55
R-PSDA	**1,600 J**	--	**820 J**	**730 J**	**1,000 J**	**2,600 J**	**690 J**	**610 J**	**160 J**	--	**240 J**	**230 J**
Hydrolyzed PSDA	**1,700 J**	--	**4,100 J**	**4,300 J**	**2,600 J**	**5,300 J**	**2,700 J**	**2,300 J**	<2.0	--	**1,500 J**	**2,800 J**
R-PSDCA	<140	--	<3.0	<180	**25**	<180	**9.9**	<180	<3.0	--	<140	<180
NVHOS, Acid Form	**640**	--	**1,800**	**1,300**	**1,100**	**2,500**	**390**	**390**	**62**	--	<130	<160
EVE Acid	<40	--	<2.0	<50 UJ	<2.0	<50	<2.0	<50	<2.0	--	<40	<50 UJ
Hydro-EVE Acid	**190**	--	**54**	**40**	**1,200**	**3,500**	**910**	**640**	**14**	--	<24	<30
R-EVE	**1,300 J**	--	**230 J**	**360 J**	**1,300 J**	**2,300 J**	**250 J**	**400 J**	**230 J**	--	**130 J**	**77 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	--	**7.1**	<36	**13**	<36	**3.9**	<36	<2.0	--	<29	<36
PFECA B	<62	--	<2.0	<78	<2.0	<78	<2.0	<78	<2.0	--	<62	<78
PFECA-G	<29	--	<2.0	<36	<2.0	<36	<2.0	<36	<2.0	--	<29	<36
PFPrA	**44,000**	--	**64,000 J**	**54,000**	**57,000**	**120,000**	**26,000**	**18,000**	**5,300**	--	**3,400**	**2,200**
Total Table 3+ (17 compounds)[2,3]	**154,000**	--	**246,000**	**157,000**	**148,000**	**426,000**	**94,400**	**69,300**	**19,800**	--	**12,300**	**6,450**
Total Table 3+ (18 compounds)[2,4]	**198,000**	--	**310,000**	**211,000**	**205,000**	**546,000**	**120,000**	**87,300**	**25,100**	--	**15,700**	**8,650**
Total Table 3+ (21 compounds)[2,5]	**203,000**	--	**316,000**	**217,000**	**210,000**	**556,000**	**124,000**	**90,600**	**25,500**	--	**17,500**	**11,800**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

	Performance Monitoring Plan Sampling Program (Semi-Annually)						Corrective Action Plan Sampling Program (Annually)		
	PIW-15		PW-10RR		PW-11		PIW-12	PIW-13	PIW-14
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP3Q23-PIW-15-072523** Sample Date: 25-Jul-23	**CAP1Q24-PIW-15-020524** Sample Date: 5-Feb-24	**CAP3Q23-PW-10RR-080323** Sample Date: 3-Aug-23	**CAP1Q24-PW-10RR-013124** Sample Date: 31-Jan-24	**CAP3Q23-PW-11-070723** Sample Date: 7-Jul-23	**CAP1Q24-PW-11-013124** Sample Date: 31-Jan-24	**CAP3Q23-PIW-12-072423** Sample Date: 24-Jul-23	**CAP3Q23-PIW-13-072423** Sample Date: 24-Jul-23	**CAP3Q23-PIW-14-072423** Sample Date: 24-Jul-23
Hfpo Dimer Acid	**7,800**	**8,200**	**6,700**	**4,000**	**6,900**	**6,800**	**1,800**	**3,100**	**6,200**
PFMOAA	**8,700**	**9,200**	**93,000**	**59,000**	**54,000 J**	**29,000**	**490**	**520**	**1,000**
PFO2HxA	**7,000**	**6,800**	**26,000**	**14,000**	**28,000**	**11,000**	**1,200**	**2,100**	**3,800**
PFO3OA	**1,200**	**1,300**	**1,300**	**410**	**7,300**	**5,000**	**190**	**250**	**520**
PFO4DA	**65**	**100**	<40	<50	**4,500**	**4,200**	**41**	<40	**160**
PFO5DA	<100	<130	<100	<130	**1,600**	**1,300**	<100	<100	<100
PMPA	**8,400**	**6,300**	**4,400**	**2,200**	**7,800**	**3,000**	**2,300**	**4,200**	**5,000**
PEPA	**2,400**	**1,900**	**590**	**150**	**2,200**	**910**	**640**	**1,100**	**1,600**
PS Acid	<40	<50 UJ	<40	<50 UJ	**1,400**	**97 J**	<40	<40	<40
Hydro-PS Acid	<44	<55	<44	<55	**840**	**440**	<44	<44	<44
R-PSDA	**250 J**	**190 J**	**180 J**	**84 J**	**850 J**	**300 J**	**130 J**	**260 J**	**310 J**
Hydrolyzed PSDA	<27	<34	**220 J**	**84 J**	**7,900 J**	**850 J**	<27	<27	<27
R-PSDCA	<140	<180	<140	<180	**24**	<180	<140	<140	<140
NVHOS, Acid Form	**130**	<160	**850**	**510**	**850**	**510**	<130	<130	<130
EVE Acid	<40	<50 UJ	<40	<50 UJ	**47**	<50 UJ	<40	<40	<40
Hydro-EVE Acid	<24	<30	<24	<30	**620**	**240**	<24	<24	<24
R-EVE	**200 J**	**130 J**	**240 J**	**120 J**	**360 J**	**110 J**	**130 J**	**260 J**	**230 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<29	<36	<2.0	<36	<29	<29	<29
PFECA B	<62	<78	<62	<78	<2.0	<78	<62	<62	<62
PFECA-G	<29	<36	<29	<36	<2.0	<36	<29	<29	<29
PFPrA	**14,000**	**10,000**	**60,000**	**41,000**	**25,000**	**14,000**	**2,800**	**4,600**	**6,700**
Total Table 3+ (17 compounds) [2,3]	**35,700**	**33,800**	**133,000**	**80,300**	**116,000**	**62,500**	**6,660**	**11,300**	**18,300**
Total Table 3+ (18 compounds) [2,4]	**49,700**	**43,800**	**193,000**	**121,000**	**141,000**	**76,500**	**9,460**	**15,900**	**25,000**
Total Table 3+ (21 compounds) [2,5]	**50,100**	**44,100**	**193,000**	**122,000**	**150,000**	**77,800**	**9,720**	**16,400**	**25,500**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	LTW-01					LTW-02				
	CAP1Q23-LTW-01-021623	CAP2Q23-LTW-01-051723	CAP3Q23-LTW-01-071323	CAP4Q23-LTW-01-110323	CAP1Q24-LTW-01-011724	CAP1Q23-LTW-02-021623	CAP2Q23-LTW-02-051723	CAP3Q23-LTW-02-071223	CAP4Q23-LTW-02-110323	CAP1Q24-LTW-02-011724
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<2.0	<2.0 UJ	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<2.0	<2.0 UJ	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<2.0	<2.0 UJ	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<2.0	<2.0 UJ	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<2.0	<2.0 UJ	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<140	<180	<4.0	<4.0 UJ	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<5.0	<5.0 UJ	<5.0	<250	<310
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<2.0	<2.0 UJ	<2.0	<24	<30
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<2.0	<2.0 UJ	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<5.0	<5.0 UJ	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<2.0	<2.0 UJ	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<2.0	<2.0 UJ	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<5.0	<5.0 UJ	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	**4.2**	**4.7 J**	**3.6**	<20	<25	<2.0	<2.0 UJ	<2.0	<20	<25
Perfluorobutanoic Acid	**170**	**110 J**	**120**	<240	<300	**30**	**61 J**	**86**	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<2.0	<2.0 UJ	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<2.0	<2.0 UJ	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<2.0	<2.0 UJ	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<2.0	<2.0 UJ	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<2.0	<2.0 UJ	<2.0	<19	<24
Perfluoroheptanoic Acid	**46**	**48 J**	**44**	**47 J**	**40**	**4.7**	**11 J**	**11**	<25	<31
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<2.0	<2.0 UJ	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	**6**	**6.3 J**	**5.2**	<57	<71	<2.0	<2.0 UJ	<2.0	<57	<71
Perfluorohexanoic Acid	**22**	**23 J**	**23**	<58	<73	**3.3**	**8.4 J**	**11**	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<2.0	<2.0 UJ	<2.0	<37	<46
Perfluorononanoic Acid	<2.0	**2.3 J**	<2.0	<27	<34	<2.0	<2.0 UJ	<2.0	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94	<120	<2.0	<2.0 UJ	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<2.0	<2.0 UJ	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<2.0	<2.0 UJ	<2.0	<30	<38
Perfluoropentanoic Acid	**320**	**250 J**	**260**	**330**	**220**	**99**	**190 J**	**250**	**300**	**320**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<2.0	<2.0 UJ	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<2.0	<2.0 UJ	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<2.0	<2.0 UJ	<2.0	<110	<140
PFOA	**41**	**49 J**	**39**	<85	<110	<2.0	<2.0 UJ	<2.0	<85	<110
PFOS	**9.9 J**	**22 J**	**11 J**	<54	<68	<2.0	<2.0 UJ	<2.0	<54	<68

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

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	LTW-03					LTW-04				
	CAP1Q23-LTW-03-022123	CAP2Q23-LTW-03-052323	CAP3Q23-LTW-03-071223	CAP4Q23-LTW-03-111323	CAP1Q24-LTW-03-013124	CAP1Q23-LTW-04-021723	CAP2Q23-LTW-04-052323	CAP3Q23-LTW-04-071123	CAP4Q23-LTW-04-110223	CAP1Q24-LTW-04-011624
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<84	<2.0	<2.0	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<40	<2.0	<2.0	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<58	<2.0	<2.0	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<30	<2.0	<2.0	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<110	<2.0	<2.0	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<180	<4.0	<4.0	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<310	<5.0	<5.0	<5.0	<250	<310
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<30	<2.0	<2.0	<2.0	<24	<30
DONA	<2.0	<2.0	<2.0	<2.0	<50	<2.0	<2.0	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<160	<5.0	<5.0	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<110	<2.0	<2.0	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<54	<2.0	<2.0	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<150	<5.0	<5.0	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<25	<2.0	**2.2**	<2.0	<20	<25
Perfluorobutanoic Acid	**130**	**120**	**130**	**120**	<300	**310**	**230**	**290**	**330**	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<40	<2.0	<2.0	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<39	<2.0	<2.0	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<120	<2.0	<2.0	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<69	<2.0	<2.0	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<24	<2.0	<2.0	<2.0	<19	<24
Perfluoroheptanoic Acid	**26**	**28**	**25**	**24**	<31	**66**	**52**	**60**	**60**	**68**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<110	<2.0	<2.0	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<71	<2.0	**3.3**	<2.0	<57	<71
Perfluorohexanoic Acid	**16**	**17**	**16**	**17**	<73	**35**	**33**	**34**	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<46	<2.0	<2.0	<2.0	<37	<46
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<34	<2.0	<2.0	<2.0	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<120 UJ	<120	<2.0	<2.0	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<120	<2.0	<2.0	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<38	<2.0	<2.0	<2.0	<30	<38
Perfluoropentanoic Acid	**600**	**690**	**750**	**610**	**560 J**	**1,200**	**1,100**	**1,400**	**1,200**	**1,100**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<91	<2.0	<2.0	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<160	<2.0	<2.0	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<140	<2.0	<2.0	<2.0	<110	<140
PFOA	<2.0	<2.0	<2.0	<2.0	<110	**10**	**11**	**10**	<85	<110
PFOS	<2.0	<2.0	<2.0	<2.0	<68	<2.0	<2.0	<2.0	<54	<68

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

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	LTW-05					OW-28				
	CAP1Q23-LTW-05-021523	CAP2Q23-LTW-05-052223	CAP3Q23-LTW-05-071123	CAP4Q23-LTW-05-110223	CAP1Q24-LTW-05-011524	CAP1Q23-OW-28-022023	CAP2Q23-OW-28-052523	CAP3Q23-OW-28-071123	CAP4Q23-OW-28-110223	CAP4Q23-OW-28-011824
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<2.0	<2.0	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<2.0	<2.0	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<2.0	<2.0	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<2.0	<2.0	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<2.0	<2.0	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<4.0	<4.0	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	<5.0	<5.0	<5.0	<250	**880**
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<2.0	<2.0	<2.0	<24	<30
DONA	<2.0	<2.0	<2.0	<40	<50	<2.0	<2.0	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<5.0	<5.0	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<2.0	<2.0	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<2.0	<2.0	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<5.0	<5.0	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	<2.0	**2**	<2.0	<20	<25
Perfluorobutanoic Acid	**230**	**170**	**170**	**270**	**420**	**51**	**51**	**46**	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<2.0	<2.0	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<2.0	<2.0	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<2.0	<2.0	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<2.0	<2.0	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<2.0	<2.0	<2.0	<19	<24
Perfluoroheptanoic Acid	**210**	**200**	**210**	**250**	**310**	**7.2**	**7.3**	**6.5**	<25	<31
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<2.0	<2.0	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	<2.0	<2.0	<2.0	<57	<71
Perfluorohexanoic Acid	**38**	**52**	**43**	**66**	**99**	**9.9**	**12**	**9.1**	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<2.0	<2.0	<2.0	<37	<46
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<27	<34	<2.0	<2.0	<2.0	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<2.0	<2.0	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<2.0	<2.0	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<2.0	<2.0	<2.0	<30	<38
Perfluoropentanoic Acid	**1,300**	**1,700**	**1,600**	**2,300**	**2,700**	**68**	**75**	**73**	**49**	**69**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<2.0	<2.0	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<2.0	<2.0	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	<2.0	<2.0	<2.0	<110	<140
PFOA	**4.1**	**4.1**	**2.1**	<85	<110	**4.3**	**4**	**3.3**	<85	<110
PFOS	<2.0	<2.0	<2.0	<54	<68	<2.0	<2.0	<2.0	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	OW-33					PIW-1D				
	CAP1Q23-OW-33-021423	CAP2Q23-OW-33-051823	CAP3Q23-OW-33-071223	CAP4Q23-OW-33-110223	CAP1Q24-OW-33-013024	CAP1Q23-PIW-1D-021623	CAP2Q23-PIW-1D-052323	CAP3Q23-PIW-1D-080223	CAP4Q23-PIW-1D-110723	CAP1Q24-PIW-1D-012224
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<2.0	<2.0	<67	<67	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<2.0	<2.0	<32	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<2.0	<2.0	<46	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<2.0	<2.0	<24 UJ	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<2.0	<2.0	<85	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<140	<180	<4.0	<4.0	<140	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<5.0	<5.0	<250	<250	**1,200**
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<2.0	<2.0	<24	<24	<30
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<2.0	<2.0	<40	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<5.0	<5.0	<130	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<2.0	<2.0	<87 UJ	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<2.0	<2.0	<43	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<5.0	<5.0	<120	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<20	<25	<2.0	<2.0	<20	<20	<25
Perfluorobutanoic Acid	**45**	**60 J**	**62**	<240	<300	**83**	**59**	<240	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<2.0	<2.0	<32	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<2.0	<2.0	<31	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<2.0	<2.0	<97	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<2.0	<2.0	<55	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<2.0	<2.0	<19	<19	<24
Perfluoroheptanoic Acid	**5.6**	**7.6 J**	**7.1**	<25	<31	**16**	**19**	<25	<25	<31
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<2.0	<2.0	<89	<89	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<57	<71	<2.0	<2.0	<57	<57	<71
Perfluorohexanoic Acid	**7.8**	**10 J**	**10**	<58	<73	**9.5**	**11**	<58	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<2.0	<2.0	<37	<37	<46
Perfluorononanoic Acid	<2.0	<2.0 UJ	<2.0	<27	<34	<2.0	<2.0	<27	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94 UJ	<120	<2.0	<2.0	<94	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<2.0	<2.0	<98	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<2.0	<2.0	<30	<30	<38
Perfluoropentanoic Acid	**93**	**120 J**	**130**	**140**	**120 J**	**150**	**140**	**160**	**150**	**150**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<2.0	<2.0	<73	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<2.0	<2.0	<130	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<2.0	<2.0	<110	<110	<140
PFOA	<2.0	**2.2 J**	<2.0	<85	<110	**18**	**19**	<85	<85	<110
PFOS	<2.0	<2.0 UJ	<2.0	<54	<68	<2.0	<2.0	<54	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PIW-1S					PIW-3D				
	CAP1Q23-PIW-1S-021623 Sample Date:	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	Not Sampled in 4Q 2023 (Dry)	CAP1Q24-PIW-1S-011624 Sample Date:	CAP1Q23-PIW-3D-021623 Sample Date:	CAP2Q23-PIW-3D-051723 Sample Date:	CAP3Q23-PIW-3D-071323 Sample Date:	CAP4Q23-PIW-3D-110323 Sample Date:	CAP1Q24-PIW-3D-011824 Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	--	--	--	<84	<2.0	<2.0 UJ	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	--	--	--	<40	<2.0	<2.0 UJ	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	--	--	--	<58	<2.0	<2.0 UJ	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	--	--	--	<30	<2.0	<2.0 UJ	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	--	--	--	<110	<2.0	<2.0 UJ	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	--	--	--	<180	<4.0	<4.0 UJ	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	--	--	--	<310	<5.0	<5.0 UJ	<5.0	<250	<310
9Cl-PF3ONS	<2.0	--	--	--	<30	<2.0	<2.0 UJ	<2.0	<24	<30
DONA	<2.0	--	--	--	<50	<2.0	<2.0 UJ	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<160	<5.0	<5.0 UJ	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	--	--	--	<110	<2.0	<2.0 UJ	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	--	--	--	<54	<2.0	<2.0 UJ	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<150	<5.0	<5.0 UJ	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	--	--	--	<25	**2.2**	**2.1 J**	**2.3**	<20	<25
Perfluorobutanoic Acid	**51**	--	--	--	<300	**110**	**73 J**	**79**	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	--	--	--	<40	<2.0	<2.0 UJ	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	--	--	--	<39	<2.0	<2.0 UJ	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	--	--	--	<120	<2.0	<2.0 UJ	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	--	--	--	<69	<2.0	<2.0 UJ	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	--	--	--	<24	<2.0	<2.0 UJ	<2.0	<19	<24
Perfluoroheptanoic Acid	**18**	--	--	--	<31	**32**	**32 J**	**33**	**49**	**44**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	--	--	--	<110	<2.0	<2.0 UJ	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	**8.6**	--	--	--	<71	**3.4**	**3.5 J**	**3.7**	<57	<71
Perfluorohexanoic Acid	**7.7**	--	--	--	<73	**15**	**14 J**	**16**	<58	<73
Perfluorononanesulfonic Acid	<2.0	--	--	--	<46	<2.0	<2.0 UJ	<2.0	<37	<46
Perfluorononanoic Acid	**4.1**	--	--	--	<34	**5.2**	**4.8 J**	**5**	<27	<34
Perfluorooctadecanoic Acid	<2.0	--	--	--	<120	<2.0	<2.0 UJ	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	--	--	--	<120	<2.0	<2.0 UJ	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	--	--	--	<38	<2.0	<2.0 UJ	<2.0	<30	<38
Perfluoropentanoic Acid	**78**	--	--	--	<61	**150**	**150 J**	**150**	**190**	**250**
Perfluorotetradecanoic Acid	<2.0	--	--	--	<91	<2.0	<2.0 UJ	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	--	--	--	<160	<2.0	<2.0 UJ	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	--	--	--	<140	<2.0	<2.0 UJ	<2.0	<110	<140
PFOA	**69**	--	--	--	<110	**44**	**43 J**	**42**	<85	<110
PFOS	**22**	--	--	--	<68	**15**	**14 J**	**14**	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PIW-7D					PIW-7S				
	CAP1Q23-PIW-7D-021523 Sample Date:	CAP2Q23-PIW-7D-052223 Sample Date:	CAP3Q23-PIW-7D-071123 Sample Date:	CAP4Q23-PIW-7D-110223 Sample Date:	CAP1Q24-PIW-7D-011524 Sample Date:	CAP1Q23-PIW-7S-021523 Sample Date:	CAP2Q23-PIW-7S-052223 Sample Date:	CAP3Q23-PIW-7S-071123 Sample Date:	CAP4Q23-PIW-7S-110223 Sample Date:	CAP1Q24-PIW-7S-011524 Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<2.0	<2.0	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<2.0	<2.0	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<2.0	<2.0	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<2.0	<2.0	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<2.0	<2.0	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<4.0	<4.0	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	<5.0	<5.0	<5.0	<250	<310
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<2.0	<2.0	<2.0	<24	<30
DONA	<2.0	<2.0	<2.0	<40	<50	<2.0	<2.0	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<5.0	<5.0	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<2.0	<2.0	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<2.0	<2.0	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<5.0	<5.0	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	**3.6**	**2.8**	**2.5**	<20	<25
Perfluorobutanoic Acid	**290**	**150**	**160**	<240	<300	**210**	**120**	**100**	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<2.0	<2.0	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<2.0	<2.0	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<2.0	<2.0	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<2.0	<2.0	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<2.0	<2.0	<2.0	<19	<24
Perfluoroheptanoic Acid	**140**	**81**	**85**	**97**	**100**	**71**	**52**	**41**	**61**	**56**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<2.0	<2.0	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	**4.1**	**3.5**	**3**	<57	<71
Perfluorohexanoic Acid	**49**	**33**	**30**	<58	<73	**30**	**26**	**19**	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<2.0	<2.0	<2.0	<37	<46
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<27	<34	<2.0	<2.0	<2.0	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<2.0	<2.0	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<2.0	<2.0	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<2.0	<2.0	<2.0	<30	<38
Perfluoropentanoic Acid	**1,500**	**1,300**	**1,400**	**1,500**	**1,300**	**630**	**530**	**470**	**620**	**580**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<2.0	<2.0	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<2.0	<2.0	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	<2.0	<2.0	<2.0	<110	<140
PFOA	**4.5**	**2.9**	**2**	<85	<110	**17**	**14**	**9.6**	<85	<110
PFOS	<2.0	<2.0	<2.0	<54	<68	**6.4 J**	**5.4 J**	<2.0	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Mass Loading Model Sampling Program (Quarterly)									
	PW-04					PZ-22				
	CAP1Q23-PW-04-022323	CAP2Q23-PW-04-052523	CAP3Q23-PW-04-072823	CAP4Q23-PW-04-110923	CAP1Q24-PW-04-011724	CAP1Q23-PZ-22-022023	CAP2Q23-PZ-22-052323	CAP3Q-PZ-22-071123	CAP4Q23-PZ-22-110223	CAP1Q24-PZ-22-011624
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<67	<67	<84	<2.0	<2.0	<2.0	<67	<84
11Cl-PF3OUdS	<2.0	<2.0	<32	<32	<40	<2.0	<2.0	<2.0	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<46	<46	<58	<2.0	<2.0	<2.0	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<24	<24	<30	<2.0	<2.0	<2.0	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<85	<85	<110	<2.0	<2.0	<2.0	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<140	<140	<180	<4.0	<4.0	<4.0	<140	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<250	<250	<310	<5.0	<5.0	<5.0	<250	<310 UJ
9Cl-PF3ONS	<2.0	<2.0	<24	<24	<30	<2.0	<2.0	<2.0	<24	<30
DONA	<2.0	<2.0	<40	<40	<50	<2.0	<2.0	<2.0	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<130	<130	<160	<5.0	<5.0	<5.0	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<87	<87	<110	<2.0	<2.0	<2.0	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<43	<43	<54	<2.0	<2.0	<2.0	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<120	<120	<150	<5.0	<5.0	<5.0	<120	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0	**32**	<20	<25	<2.0	<2.0	<2.0	<20	<25
Perfluorobutanoic Acid	**8.3**	**10**	<240	<240	<300	**120**	**110**	**120**	<240	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<32	<32	<40	<2.0	<2.0	<2.0	<32	<40
Perfluorodecanoic Acid	<2.0	<2.0	<31	<31	<39	<2.0	<2.0	<2.0	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<97	<97	<120	<2.0	<2.0	<2.0	<97	<120
Perfluorododecanoic Acid	<2.0	<2.0	<55	<55	<69	<2.0	<2.0	<2.0	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<19	<19	<24	<2.0	<2.0	<2.0	<19	<24
Perfluoroheptanoic Acid	**6.6**	**8.8**	<25	<25	<31	**20**	**34**	**30**	**31**	**36**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<89	<89	<110	<2.0	<2.0	<2.0	<89	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<57	<57	<71	<2.0	<2.0	<2.0	<57	<71
Perfluorohexanoic Acid	**2.7**	**3.5**	<58	<58	<73	**17**	**19**	**18**	<58	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<37	<37	<46	<2.0	<2.0	<2.0	<37	<46
Perfluorononanoic Acid	<2.0	<2.0	<27	<27	<34	<2.0	<2.0	<2.0	<27	<34
Perfluorooctadecanoic Acid	<2.0	<2.0	<94	<94	<120	<2.0	<2.0	<2.0	<94	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<98	<98	<120	<2.0	<2.0	<2.0	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<30	<30	<38	<2.0	<2.0	<2.0	<30	<38
Perfluoropentanoic Acid	**18**	**21**	<49	<49	<61	**820**	**930**	**1,100**	**1,100**	**880**
Perfluorotetradecanoic Acid	<2.0	<2.0	<73	<73	<91	<2.0	<2.0	<2.0	<73	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<130	<130	<160	<2.0	<2.0	<2.0	<130	<160
Perfluoroundecanoic Acid	<2.0	<2.0	<110	<110	<140	<2.0	<2.0	<2.0	<110	<140
PFOA	<2.0	<2.0	<85	<85	<110	<2.0	<2.0	<2.0	<85	<110
PFOS	<2.0	<2.0	<54	<54	<68	<2.0	<2.0	<2.0	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

	Mass Loading Model Sampling Program (Quarterly)					Performance Monitoring Plan Sampling Program (Semi-Annually)				
	SMW-12					OW-4R		OW-30		
METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	**CAP1Q23-SMW-12-022323** Sample Date:	**CAP2Q23-SMW-12-051723** Sample Date:	**CAP3Q23-SMW-12-071823** Sample Date:	**CAP4Q23-SMW-12-110823** Sample Date:	**CAP1Q24-SMW-12-011624** Sample Date:	**CAP3Q23-OW-4R-080423** Sample Date:	**CAP1Q24-OW-4R-012924** Sample Date:	**CAP1Q23-OW-30-021523** Sample Date:	**CAP3Q23-OW-30-071323** Sample Date:	**CAP1Q24-OW-30-013024** Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<61	<67	<84	<67	<84	<2.0	<2.0	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<29	<32	<40	<32	<40	<2.0	<2.0	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<42	<46	<58	<46	<58	<2.0	<2.0	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<22	<24	<30	<24	<30	<2.0	<2.0	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<77	<85	<110	<85	<110	<2.0	<2.0	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<130	<140	<180	<140	<180	<4.0	<4.0	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<230	<250	<310	<250	<310	<5.0	<5.0	<310
9Cl-PF3ONS	<2.0	<2.0 UJ	<22	<24	<30	<24	<30	<2.0	<2.0	<30
DONA	<2.0	<2.0 UJ	<36	<40	<50	<40	<50	<2.0	<2.0	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<120	<130	<160	<130	<160	<5.0	<5.0	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<79	<87	<110	<87	<110	<2.0	<2.0	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<39	<43	<54	<43	<54	<2.0	<2.0	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<110	<120	<150	<120	<150	<5.0	<5.0	<150
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<18	<20	<25	<20	<25	<2.0	<2.0	<25
Perfluorobutanoic Acid	**19**	**25 J**	<220	<240	<300	<240	<300	**150**	**95**	<300
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<29	<32	<40	<32	<40	<2.0	<2.0	<40
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<28	<31	<39	<31	<39	<2.0	<2.0	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<88	<97	<120	<97	<120	<2.0	<2.0	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<50	<55	<69	<55	<69	<2.0	<2.0	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<17	<19	<24	<19	<24	<2.0	<2.0	<24
Perfluoroheptanoic Acid	<2.0	<2.0 UJ	<23	<25	<31	**90**	**77**	**12**	**7**	<31
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<81	<89	<110	<89	<110	<2.0	<2.0	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<52	<57	<71	<57	<71	<2.0	<2.0	<71
Perfluorohexanoic Acid	<2.0	**2.5 J**	<53	<58	<73	<58	<73	**16**	**13**	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<34	<37	<46	<37	<46	<2.0	<2.0	<46
Perfluorononanoic Acid	<2.0	<2.0 UJ	<25	<27	<34	<27	<34	<2.0	<2.0	<34
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<86	<94	<120	<94	<120	<2.0	<2.0	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<89	<98	<120	<98	<120	<2.0	<2.0	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<27	<30	<38	<30	<38	<2.0	<2.0	<38
Perfluoropentanoic Acid	**43**	**62 J**	**73**	**92**	**83**	**480**	**390**	**530**	**340**	**460 J**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<67	<73	<91	<73	<91	<2.0	<2.0	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<120	<130	<160	<130	<160	<2.0	<2.0	<160
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<100	<110	<140	<110	<140	<2.0	<2.0	<140
PFOA	<2.0	<2.0 UJ	<77	<85	<110	<85	<110	<2.0	<2.0	<110
PFOS	<2.0	**17 J**	<49	<54	<68	<54	<68	<2.0	<2.0	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)											
	OW-32		OW-37		OW-40			OW-51		OW-54		
	CAP3Q23-OW-32-090823	CAP1Q24-OW-32-012924	CAP3Q23-OW-37-081023	CAP1Q24-OW-37-011724	CAP1Q23-OW-40-021523	CAP3Q23-OW-40-071323	CAP1Q24-OW-40-013024	CAP3Q23-OW-51-080323	CAP1Q24-OW-51-013124	CAP1Q23-OW-54-021623	Not Sampled in 3Q 2023 (Dry)	CAP1Q24-OW-54-020624
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:		Sample Date:
10:2 Fluorotelomer sulfonate	<67	<84	<67 UJ	<84	<2.0	<2.0	<84	<67	<84	<2.0	--	<84
11Cl-PF3OUdS	<32	<40	<32 UJ	<40	<2.0	<2.0	<40	<32	<40	<2.0	--	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<46 UJ	<58	<2.0	<2.0	<58	<46	<58	<2.0	--	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<24 UJ	<30	<2.0	<2.0	<30	<24	<30	<2.0	--	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<85 UJ	<110	<2.0	<2.0	<110	<85	<110	<2.0	--	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<140 UJ	<180	<4.0	<4.0	<180	<140	<180	<4.0	--	<180
6:2 Fluorotelomer sulfonate	<250	<310	<250 UJ	<310	<5.0	<5.0	<310	<250	<310	<5.0	--	<310
9Cl-PF3ONS	<24	<30	<24 UJ	<30	<2.0	<2.0	<30	<24	<30	<2.0	--	<30
DONA	<40	<50	<40 UJ	<50	<2.0	<2.0	<50	<40	<50	<2.0	--	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<130 UJ	<160	<5.0	<5.0	<160	<130	<160	<5.0	--	<160
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<87 UJ	<110	<2.0	<2.0	<110	<87	<110	<2.0	--	<110
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<43 UJ	<54	<2.0	<2.0	<54	<43	<54	<2.0	--	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<120 UJ	<150	<5.0	<5.0	<150	<120	<150	<5.0	--	<150
Perfluorobutane Sulfonic Acid	<20	<25	<20 UJ	<25	<2.0	<2.0	<25	<20	<25	**2.3**	--	<25
Perfluorobutanoic Acid	<240	<300	<240 UJ	<300	**60**	**43**	<300	**530**	<300	**23**	--	<300
Perfluorodecane Sulfonic Acid	<32	<40	<32 UJ	<40	<2.0	<2.0	<40	<32	<40	<2.0	--	<40
Perfluorodecanoic Acid	<31	<39	<31 UJ	<39	<2.0	<2.0	<39	<31	<39	<2.0	--	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<97 UJ	<120	<2.0	<2.0	<120	<97	<120	<2.0	--	<120
Perfluorododecanoic Acid	<55	<69	<55 UJ	<69	<2.0	<2.0	<69	<55	<69	<2.0	--	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<19 UJ	<24	<2.0	<2.0	<24	<19	<24	<2.0	--	<24
Perfluoroheptanoic Acid	<25	<31	<25 UJ	<31	**16**	**18**	<31	**400**	**200 J**	**9.3**	--	<31
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<89 UJ	<110	<2.0	<2.0	<110	<89	<110	<2.0	--	<110
Perfluorohexane Sulfonic Acid	<57	<71	<57 UJ	<71	<2.0	<2.0	<71	<57	<71	<2.0	--	<71
Perfluorohexanoic Acid	<58	<73	<58 UJ	<73	**11**	**11**	<73	**140**	<73	**5.3**	--	<73
Perfluorononanesulfonic Acid	<37	<46	<37 UJ	<46	<2.0	<2.0	<46	<37	<46	<2.0	--	<46
Perfluorononanoic Acid	<27	<34 UJ	<27 UJ	<34	<2.0	<2.0	<34	<27	<34	<2.0	--	<34
Perfluorooctadecanoic Acid	<94	<120	<94 UJ	<120	<2.0	<2.0	<120	<94	<120	<2.0	--	<120
Perfluorooctane Sulfonamide	<98	<120	<98 UJ	<120	<2.0	<2.0	<120	<98	<120	<2.0	--	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<30 UJ	<38	<2.0	<2.0	<38	<30	<38	<2.0	--	<38
Perfluoropentanoic Acid	<49	**120**	**55 J**	<61	**120**	**74**	**75 J**	**2,700**	**1,400 J**	**40**	--	<61
Perfluorotetradecanoic Acid	<73	<91	<73 UJ	<91	<2.0	<2.0	<91	<73	<91	<2.0	--	<91
Perfluorotridecanoic Acid	<130	<160	<130 UJ	<160	<2.0	<2.0	<160	<130	<160	<2.0	--	<160
Perfluoroundecanoic Acid	<110	<140	<110 UJ	<140	<2.0	<2.0	<140	<110	<140	<2.0	--	<140
PFOA	<85	<110	<85 UJ	<110	**2.3**	<2.0	<110	<85	<110	**17**	--	<110
PFOS	<54	<68	<54 UJ	<68	<2.0	<2.0	<68	<54	<68	<2.0	--	<68

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

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)										
	OW-55			OW-56			OW-57			PIW-4D	
	CAP1Q23-OW-55-021623	CAP3Q23-OW-55-072523	CAP1Q24-OW-55-020524	CAP1Q23-OW-56-022123	CAP3Q23-OW-56-073123	CAP1Q24-OW-56-020124	CAP1Q23-OW-57-021523	CAP3Q23-OW-57-073123	CAP1Q24-OW-57-020624	CAP3Q23-PIW-4D-071323	CAP1Q24-PIW-4D-012224
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<2.0	<67	<84	<2.0	<67	<84	<2.0	<67	<84	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<32	<40	<2.0	<32	<40	<2.0	<32	<40	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<46	<58	<2.0	<46	<58	<2.0	<46	<58	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<24	<30	<2.0	<24	<30	<2.0	<24	<30	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<85	<110	<2.0	<85	<110	<2.0	<85	<110	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<140	<180	<4.0	<140	<180	<4.0	<140	<180	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<250	<310	<5.0	<250	<310	<5.0	<250	<310	<5.0	<5.0
9Cl-PF3ONS	<2.0	<24	<30	<2.0	<24	<30	<2.0	<24	<30	<2.0	<2.0
DONA	<2.0	<40	<50	<2.0	<40	<50	<2.0	<40	<50	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<130	<160	<5.0	<130	<160	<5.0	<130	<160	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<87	<110	<2.0	<87	<110	<2.0	<87	<110	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<43	<54	<2.0	<43	<54	<2.0	<43	<54	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<120	<150	<5.0	<120	<150	<5.0	<120	<150	<5.0	<5.0
Perfluorobutane Sulfonic Acid	<2.0	<20	<25	**2.5**	**33**	<25	**4.1**	**33**	<25	<2.0	<2.0
Perfluorobutanoic Acid	**18**	<240	<300	**22**	<240	<300	**140**	<240	<300	<5.0	<5.0
Perfluorodecane Sulfonic Acid	<2.0	<32	<40	<2.0	<32	<40	<2.0	<32	<40	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<31	<39	<2.0	<31	<39	<2.0	<31	<39	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<97	<120	<2.0	<97	<120	<2.0	<97	<120	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<55	<69	<2.0	<55	<69	<2.0	<55	<69	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<19	<24	<2.0	<19	<24	<2.0	<19	<24	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<25	<31	**3.5**	<25	<31	**71**	**86**	**87**	<2.0	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<89	<110	<2.0	<89	<110	<2.0	<89	<110	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<57	<71	<2.0	<57	<71	**2.3**	<57	<71	<2.0	<2.0
Perfluorohexanoic Acid	**2.6**	<58	<73	**6.7**	<58	<73	**63**	**97**	**84**	<2.0	<2.0
Perfluorononanesulfonic Acid	<2.0	<37	<46	<2.0	<37	<46	<2.0	<37	<46	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<27	<34	<2.0	<27	<34	<2.0	<27	<34	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<94	<120	<2.0	<94	<120	<2.0	<94	<120	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<98	<120	<2.0	<98	<120	<2.0	<98	<120	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<30	<38	<2.0	<30	<38	<2.0	<30	<38	<2.0	<2.0
Perfluoropentanoic Acid	**27**	<49	<61	**44**	**56**	<61	**320**	**380**	**310**	**11**	**14**
Perfluorotetradecanoic Acid	<2.0	<73	<91	<2.0	<73	<91	<2.0	<73	<91	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<130	<160	<2.0	<130	<160	<2.0	<130	<160	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<110	<140	<2.0	<110	<140	<2.0	<110	<140	<2.0	<2.0
PFOA	<2.0	<85	<110	**2.7**	<85	<110	**750**	**1,000**	**930**	<2.0	<2.0
PFOS	<2.0	<54	<68	<2.0	<54	<68	<2.0	<54	<68	<2.0	<2.0

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

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

METHOD 537 MOD SOP COMPOUNDs LIST [1] (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)											
	PIW-5SR		PIW-6S		PIW-8D		PIW-10DR		PIW-10S		PIW-11	
	CAP3Q23-PIW-5SR-080423	Not Sampled in 1Q 2024 (Dry)	CAP3Q23-PIW-6S-071223	CAP1Q24-PIW-6S-013124	CAP3Q23-PIW-8D-071123	CAP1Q24-PIW-8D-012224	CAP3Q23-PIW-10DR-071423	CAP1Q24-PIW-10DR-012224	CAP3Q23-PIW-10S-071323	Not Sampled in 1Q 2024 (Dry)	CAP3Q23-PIW-11-073123	CAP1Q24-PIW-11-020124
	Sample Date:		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:		Sample Date:	Sample Date:
10:2 Fluorotelomer sulfonate	<67	--	<2.0	<84	<2.0	<84	<2.0	<84	<2.0	--	<67	<84
11Cl-PF3OUdS	<32	--	<2.0	<40	<2.0	<40	<2.0	<40	<2.0	--	<32	<40
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	--	<2.0	<58	<2.0	<58	<2.0	<58	<2.0	--	<46	<58
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	--	<2.0	<30	<2.0	<30	<2.0	<30	<2.0	--	<24	<30
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	--	<2.0	<110	<2.0	<110	<2.0	<110	<2.0	--	<85	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	--	<4.0	<180	<4.0	<180	<4.0	<180	<4.0	--	<140	<180
6:2 Fluorotelomer sulfonate	<250	--	<5.0	<310	**9.4**	<310	<5.0	<310	<5.0	--	<250	<310
9Cl-PF3ONS	<24	--	<2.0	<30	<2.0	<30	<2.0	<30	<2.0	--	<24	<30
DONA	<40	--	<2.0	<50	<2.0	<50	<2.0	<50	<2.0	--	<40	<50
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	--	<5.0	<160	<5.0	<160	<5.0	<160	<5.0	--	<130	<160
N-ethylperfluoro-1-octanesulfonamide	<87	--	<2.0	<110	<2.0	<110	<2.0	<110	<2.0	--	<87	<110
N-methyl perfluoro-1-octanesulfonamide	<43	--	<2.0	<54	<2.0	<54	<2.0	<54	<2.0	--	<43	<54
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	--	<5.0	<150	<5.0	<150	<5.0	<150	<5.0	--	<120	<150
Perfluorobutane Sulfonic Acid	<20	--	<2.0	<25	<2.0	<25	<2.0	<25	<2.0	--	**29**	<25
Perfluorobutanoic Acid	**780**	--	**150**	<300	**310**	**660**	**130**	<300	**47**	--	<240	<300
Perfluorodecane Sulfonic Acid	<32	--	<2.0	<40	<2.0	<40	<2.0	<40	<2.0	--	<32	<40
Perfluorodecanoic Acid	<31	--	<2.0	<39	<2.0	<39	<2.0	<39	<2.0	--	<31	<39
Perfluorododecane Sulfonic Acid (PFDoS)	<97	--	<2.0	<120	<2.0	<120	<2.0	<120	<2.0	--	<97	<120
Perfluorododecanoic Acid	<55	--	<2.0	<69	<2.0	<69	<2.0	<69	<2.0	--	<55	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	--	<2.0	<24	<2.0	<24	<2.0	<24	<2.0	--	<19	<24
Perfluoroheptanoic Acid	**80**	--	**23**	<31	**250**	**760**	**76**	**80**	**11**	--	<25	<31
Perfluorohexadecanoic Acid (PFHxDA)	<89	--	<2.0	<110	<2.0	<110	<2.0	<110	<2.0	--	<89	<110
Perfluorohexane Sulfonic Acid	<57	--	<2.0	<71	<2.0	<71	<2.0	<71	<2.0	--	<57	<71
Perfluorohexanoic Acid	<58	--	**17**	<73	**75**	**210**	**29**	<73	**8.6**	--	<58	<73
Perfluorononanesulfonic Acid	<37	--	<2.0	<46	<2.0	<46	<2.0	<46	<2.0	--	<37	<46
Perfluorononanoic Acid	<27	--	<2.0	<34	<2.0	<34	<2.0	<34	<2.0	--	<27	<34
Perfluorooctadecanoic Acid	<94	--	<2.0	<120	<2.0	<120	<2.0	<120	<2.0	--	<94	<120
Perfluorooctane Sulfonamide	<98	--	<2.0	<120	<2.0	<120	<2.0	<120	<2.0	--	<98	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<30	--	<2.0	<38	<2.0	<38	<2.0	<38	<2.0	--	<30	<38
Perfluoropentanoic Acid	**1,100**	--	**820**	**760 J**	**1,700**	**3,500**	**350**	**400**	**59**	--	**63**	<61
Perfluorotetradecanoic Acid	<73	--	<2.0	<91	<2.0	<91	<2.0	<91	<2.0	--	<73	<91
Perfluorotridecanoic Acid	<130	--	<2.0	<160	<2.0	<160	<2.0	<160	<2.0	--	<130	<160
Perfluoroundecanoic Acid	<110	--	<2.0	<140	<2.0	<140	<2.0	<140	<2.0	--	<110	<140
PFOA	<85	--	<2.0	<110	**2.5**	<110	**4.1**	<110	**9.1**	--	<85	<110
PFOS	<54	--	<2.0	<68	<2.0	<68	<2.0	<68	<2.0	--	<54	<68

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

Table 6-2
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

	Performance Monitoring Plan Sampling Program (Semi-Annually)						**Corrective Action Plan Sampling Program (Annually)**		
	PIW-15		**PW-10RR**		**PW-11**		**PIW-12**	**PIW-13**	**PIW-14**
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP3Q23-PIW-15-072523** Sample Date:	**CAP1Q24-PIW-15-020524** Sample Date:	**CAP3Q23-PW-10RR-080323** Sample Date:	**CAP1Q24-PW-10RR-013124** Sample Date:	**CAP3Q23-PW-11-070723** Sample Date:	**CAP1Q24-PW-11-013124** Sample Date:	**CAP3Q23-PIW-12-072423** Sample Date:	**CAP3Q23-PIW-13-072423** Sample Date:	**CAP3Q23-PIW-14-072423** Sample Date:
10:2 Fluorotelomer sulfonate	<67	<84	<67	<84	<2.0	<84	<67	<67	<67
11Cl-PF3OUdS	<32	<40	<32	<40	<2.0	<40	<32	<32	<32
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<46	<58	<2.0	<58	<46	<46	<46
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<24	<30	<2.0	<30	<24	<24	<24
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<85	<110	<2.0	<110	<85	<85	<85
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<140	<180	<4.0	<180	<140	<140	<140
6:2 Fluorotelomer sulfonate	<250	<310	<250	<310	<5.0	<310	<250	<250	<250
9Cl-PF3ONS	<24	<30	<24	<30	<2.0	<30	<24	<24	<24
DONA	<40	<50	<40	<50	<2.0	<50	<40	<40	<40
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<130	<160	<5.0	<160	<130	<130	<130
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<87	<110	<2.0	<110	<87	<87	<87
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<43	<54	<2.0	<54	<43	<43	<43
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<120	<150	<5.0	<150	<120	<120	<120
Perfluorobutane Sulfonic Acid	<20	<25	<20	<25	**2.1**	<25	<20	<20	<20
Perfluorobutanoic Acid	<240	<300	<240	<300	**100**	<300	<240	<240	<240
Perfluorodecane Sulfonic Acid	<32	<40	<32	<40	<2.0	<40	<32	<32	<32
Perfluorodecanoic Acid	<31	<39	<31	<39	<2.0	<39	<31	<31	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<97	<120	<2.0	<120	<97	<97	<97
Perfluorododecanoic Acid	<55	<69	<55	<69	<2.0	<69	<55	<55	<55
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<19	<24	<2.0	<24	<19	<19	<19
Perfluoroheptanoic Acid	<25	<31	<25	<31	**100**	**110 J**	<25	<25	<25
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<89	<110	<2.0	<110	<89	<89	<89
Perfluorohexane Sulfonic Acid	<57	<71	<57	<71	**2.8**	<71	<57	<57	<57
Perfluorohexanoic Acid	<58	<73	<58	<73	**26**	<73	<58	<58	<58
Perfluorononanesulfonic Acid	<37	<46	<37	<46	<2.0	<46	<37	<37	<37
Perfluorononanoic Acid	<27	<34	<27	<34	**22**	<34	<27	<27	<27
Perfluorooctadecanoic Acid	<94	<120	<94	<120	<2.0	<120	<94	<94	<94
Perfluorooctane Sulfonamide	<98	<120	<98	<120	<2.0	<120	<98	<98	<98
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<30	<38	<2.0	<38	<30	<30	<30
Perfluoropentanoic Acid	**140**	**120**	**710**	**520 J**	**420**	**230 J**	<49	<49	**80**
Perfluorotetradecanoic Acid	<73	<91	<73	<91	<2.0	<91	<73	<73	<73
Perfluorotridecanoic Acid	<130	<160	<130	<160	<2.0	<160	<130	<130	<130
Perfluoroundecanoic Acid	<110	<140	<110	<140	<2.0	<140	<110	<110	<110
PFOA	<85	<110	<85	<110	**42**	<110	<85	<85	<85
PFOS	<54	<68	<54	<68	**4.7**	<68	<54	<54	<54

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

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*
	WC-1							**WC-2**						
METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	**CAP3Q22-WC-1-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-1-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-1-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-1-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-1-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-1-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-1-24-022224** Sample Date: 22-Feb-24	**CAP3Q22-WC-2-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-2-22-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-2-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-2-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-2-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-2-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-2-24-022224** Sample Date: 22-Feb-24
Hfpo Dimer Acid	**560**	**580**	**310**	**430**	**360**	**89 J**	**240**	**320**	**490**	**180**	**290**	**260**	**120**	**160**
PFMOAA	**1,300**	**1,900**	**480**	**830**	**970**	**200**	**420**	**250**	**1,000**	**300**	**360**	**610**	**290 J**	**250**
PFO2HxA	**650**	**960**	**280**	**500**	**500**	**150**	**310**	**250**	**640**	**160**	**280**	**350**	**190 J**	**180**
PFO3OA	**130**	**160**	**45**	**90**	**87**	**23 J**	**57**	**40**	**89**	**21**	**42**	**55**	**27**	**25**
PFO4DA	**25**	**29**	**10**	**15**	**16**	**5.4 J**	**9.4**	**12**	**17**	**4.5**	**8.2**	**10**	**5.3**	**4.8**
PFO5DA	<3.9	<7.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**640**	**790**	**340**	**430**	**490**	**170**	**290**	**330**	**570**	**240**	**310**	**410**	**230 J**	**200**
PEPA	**150**	**200**	**74**	**120**	**120**	**45**	**72**	**70**	**150**	**52**	**86**	**92**	**48 J**	**41**
PS Acid	<2.0	**2.6**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	**14**	**14**	**8**	**11**	**12**	**5.2**	**7.3**	**12**	**11**	**7.2**	**8.2**	**9.5**	**6.1**	**6.6**
R-PSDA	**42 J**	**36 J**	**30 J**	**86 J**	**170 J**	**11 J**	**36 J**	**26 J**	**31 J**	**18 J**	**49 J**	**96 J**	**9.4 J**	**12 J**
Hydrolyzed PSDA	**230 J**	**230 J**	**190 J**	**380 J**	**290 J**	**28 J**	**160 J**	**44 J**	**130 J**	**28 J**	**44 J**	**75 J**	**20 J**	**14 J**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<3.0	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<3.0
NVHOS, Acid Form	**21**	**30**	**14**	**20**	**25**	**3.8**	**15**	**8.3**	**19**	**5.7**	**8.6**	**16**	**5.7 J**	**5.7**
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	<2.0
Hydro-EVE Acid	**9.9**	**13**	**5.1**	**6.7**	**7.4**	<2.0	**4**	**4.5**	**12**	<2.0	**3.1**	**2.2**	**2.2**	**2.1**
R-EVE	**24 J**	**16 J**	**14 J**	**38 J**	**59 J**	**5.9 J**	**18 J**	**9.4 J**	**19 J**	**9.6 J**	**28 J**	**41 J**	**7.4 J**	**7.7 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 UJ	<2.0
PFECA B	<2.0	<2.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.4	<4.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFPrA	--	--	--	--	**770**	**250**	**530**	--	--	--	--	**570**	**340 J**	**320**
Total Table 3+ (17 compounds)[2,3]	**3,500**	**4,680**	**1,570**	**2,450**	**2,590**	**691**	**1,420**	**1,300**	**3,000**	**970**	**1,400**	**1,810**	**924**	**875**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**3,360**	**941**	**1,950**	--	--	--	--	**2,380**	**1,260**	**1,200**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**3,880**	**986**	**2,170**	--	--	--	--	**2,600**	**1,300**	**1,230**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
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
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Antecedent Daily Total Rainfall (inches):	***Jul 18 (0.00)***	***Nov 6 (0.00)***	***Feb 22 (0.00)***	***May 9 (0.00)***	***Jul 24 (0.20)***	***Nov 20 (0.00)***	***Feb 19 (0.00)***
	Jul 19 (0.10)	***Nov 7 (0.00)***	***Feb 23 (0.00)***	***May 10 (0.00)***	***Jul 25 (0.00)***	***Nov 21 (0.41)***	***Feb 20 (0.00)***
	Jul 20 (0.47)	***Nov 8 (0.00)***	***Feb 24 (0.01)***	***May 11 (0.00)***	***Jul 26 (0.00)***	***Nov 22 (1.26)***	***Feb 21 (0.00)***
	WC-3						
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	**CAP3Q22-WC-3-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-3-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-3-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-3-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-3-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-3-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-3-24-022224** Sample Date: 22-Feb-24
Hfpo Dimer Acid	**180**	**190**	**100**	**150**	**130**	**49**	**50 J**
PFMOAA	**45**	**72**	**35**	**55**	**58**	**25**	**22 J**
PFO2HxA	**140**	**190**	**74**	**130**	**140**	**61**	**44 J**
PFO3OA	**19**	**21**	**8.7**	**16**	**19**	**7.6**	<8.9
PFO4DA	**5.3**	**4.8**	**2.1**	**3.5**	**5.1**	**2.2**	<4.0
PFO5DA	<2.0	<2.0	<2.0	<2.0	**2.1**	<2.0	<10
PMPA	**230**	**260**	**160**	**190**	**200**	**120**	**83 J**
PEPA	**45**	**70**	**32**	**53**	**50**	**24**	**31**
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Hydro-PS Acid	**9.3**	**7.8**	**6.5**	**6.8**	**7.8**	**4.2**	<4.4
R-PSDA	<2.0	**12 J**	**15 J**	**32 J**	**65 J**	**4.3 J**	**3.3 J**
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	**7.6 J**	<2.0	<2.7
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<14
NVHOS, Acid Form	**4.6**	**3.2**	**2.5**	**2.8**	<3.0	<3.0	<13
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.4
R-EVE	**5.6 J**	**6.1 J**	**7.5 J**	**16 J**	**23 J**	**2.7 J**	<3.1
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.9
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.2
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.9
PFPrA	--	--	--	--	**280**	**150**	**210**
Total Table 3+ (17 compounds)[2,3]	**678**	**819**	**421**	**607**	**612**	**293**	**230**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**892**	**443**	**440**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**988**	**450**	**443**

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
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Table 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)*	*Nov 6 (0.00)*	*Feb 22 (0.00)*	*May 9 (0.00)*	*Jul 24 (0.20)*	*Nov 20 (0.00)*	*Feb 19 (0.00)*	*Jul 18 (0.00)*	*Nov 6 (0.00)*	*Feb 22 (0.00)*	*May 9 (0.00)*	*Jul 24 (0.20)*	*Nov 20 (0.00)*	*Feb 19 (0.00)*
	Jul 19 (0.10)	*Nov 7 (0.00)*	*Feb 23 (0.00)*	*May 10 (0.00)*	*Jul 25 (0.00)*	*Nov 21 (0.41)*	*Feb 20 (0.00)*	*Jul 19 (0.10)*	*Nov 7 (0.00)*	*Feb 23 (0.00)*	*May 10 (0.00)*	*Jul 25 (0.00)*	*Nov 21 (0.41)*	*Feb 20 (0.00)*
	Jul 20 (0.47)	*Nov 8 (0.00)*	*Feb 24 (0.01)*	*May 11 (0.00)*	*Jul 26 (0.00)*	*Nov 22 (1.26)*	*Feb 21 (0.00)*	*Jul 20 (0.47)*	*Nov 8 (0.00)*	*Feb 24 (0.01)*	*May 11 (0.00)*	*Jul 26 (0.00)*	*Nov 22 (1.26)*	*Feb 21 (0.00)*
	WC-1							**WC-2**						
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	**CAP3Q22-WC-1-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-1-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-1-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-1-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-1-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-1-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-1-24-022224** Sample Date: 22-Feb-24	**CAP3Q22-WC-2-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-2-22-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-2-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-2-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-2-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-2-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-2-24-022224** Sample Date: 22-Feb-24
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 UJ	<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 UJ	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<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 UJ	<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 UJ	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0
Perfluorobutane Sulfonic Acid	**4.6**	**3.9**	**4.4**	**4.6**	**4.9**	**3.7**	**5.7**	**4.4**	**3.6**	**4.5**	**4.6**	**4.6**	**4.7 J**	**6.2**
Perfluorobutanoic Acid	**6.6**	**9.1**	**7**	**6.3**	**9**	<5.0	**5.2**	<5.0	**10.0**	<5.0	<5.0	**7.6**	<5.0 UJ	<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 UJ	<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 UJ	<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 UJ	<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 UJ	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	**2.4**	**2.9**	<2.0	**2.4**	**2.4**	<2.0	<2.0	<2.0	**2.4**	<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	<8.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.9
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	**3.5**	**4.1**	**2.8**	**3.7**	**4.3**	<2.0	**3.1**	**3.0**	**3.9**	**2.6**	**3.1**	**3.8**	**2.3**	**2.8**
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 UJ	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0
Perfluoropentanoic Acid	**13**	**13**	**7.8**	**11**	**9.9**	**3.4**	**6.7**	**8.8**	**13.0**	**5.0**	**7.3**	**8.1**	**5.1 J**	**4.7**
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 UJ	<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 UJ	<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 UJ	<2.0
PFOA	**9.7**	**10**	**5.8**	**7.7**	**7.2**	**2.1**	**5.1**	**3.4**	**5.1**	**2.8**	**3.1**	**5.6**	**2.3**	**2.7**
PFOS	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.0 J**	<2.0

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
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 6-3
Willis Creek PFAS Analytical Results
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Antecedent Daily Total Rainfall (inches):	***Jul 18 (0.00)***	***Nov 6 (0.00)***	***Feb 22 (0.00)***	***May 9 (0.00)***	***Jul 24 (0.20)***	***Nov 20 (0.00)***	***Feb 19 (0.00)***
	Jul 19 (0.10)	***Nov 7 (0.00)***	***Feb 23 (0.00)***	***May 10 (0.00)***	***Jul 25 (0.00)***	***Nov 21 (0.41)***	***Feb 20 (0.00)***
	Jul 20 (0.47)	***Nov 8 (0.00)***	***Feb 24 (0.01)***	***May 11 (0.00)***	***Jul 26 (0.00)***	***Nov 22 (1.26)***	***Feb 21 (0.00)***
	WC-3						
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP3Q22-WC-3-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-3-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-3-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-3-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-3-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-3-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-3-24-022224** Sample Date: 22-Feb-24
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.7
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.6
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.4
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.5
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<14
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.4
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<13
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.7
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.3
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<12
Perfluorobutane Sulfonic Acid	**4.7**	**3.1**	**4.6**	**4.3**	**4.6**	**3.5**	**4.3 J**
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	**5.8**	<5.0	<24
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.2
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.1
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.7
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.5
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.5
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.9
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.7
Perfluorohexanoic Acid	**2.6**	**2.3**	**2.1**	**2.7**	**3.0**	<2.0	<5.8
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.7
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.7
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.8
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0
Perfluoropentanoic Acid	**5.5**	**4.5**	**3.6**	**5.1**	**4.9**	**2.6**	<4.9
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<7.3
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<13
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<11
PFOA	**2.4**	<2.0	<2.0	<2.0	**2.1**	<2.0	<8.5
PFOS	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<5.4

Notes:
1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
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 6-4
Willis Creek PFAS Mass Discharge
Quarterly Report #5 (Jan - Mar 2024)
Chemours Fayetteville Works
Fayetteville, NC

Sample Date	Willis Creek Flow	Total Table 3+ Concentration (17 compounds) (ng/L)		PFAS Mass Discharge (Total Table 3+ 17 compounds) (mg/sec)		Δ PFAS Mass Discharge (Total Table 3+ 17 compounds) (mg/sec)
	(ft^3/sec)	WC-2	WC-1	WC-2	WC-1	Δ WC-2 TO WC-1
21-Jul-22	5.0	1,300	3,500	0.18	0.49	0.31
9-Nov-22	3.4	3,000	4,700	0.29	0.45	0.16
25-Feb-23	11.5	970	1,600	0.32	0.52	0.21
14-Mar-23	***Startup of the Groundwater Extraction and Conveyance (GWEC) System***					
12-May-23	3.5	1,400	2,500	0.14	0.25	0.11
27-Jul-23	2.8	1,800	2,600	0.14	0.20	0.06
23-Nov-23	15.5	920	690	0.40	0.30	-0.10
22-Feb-24	7.3	875	1,420	0.18	0.29	0.11

Notes:

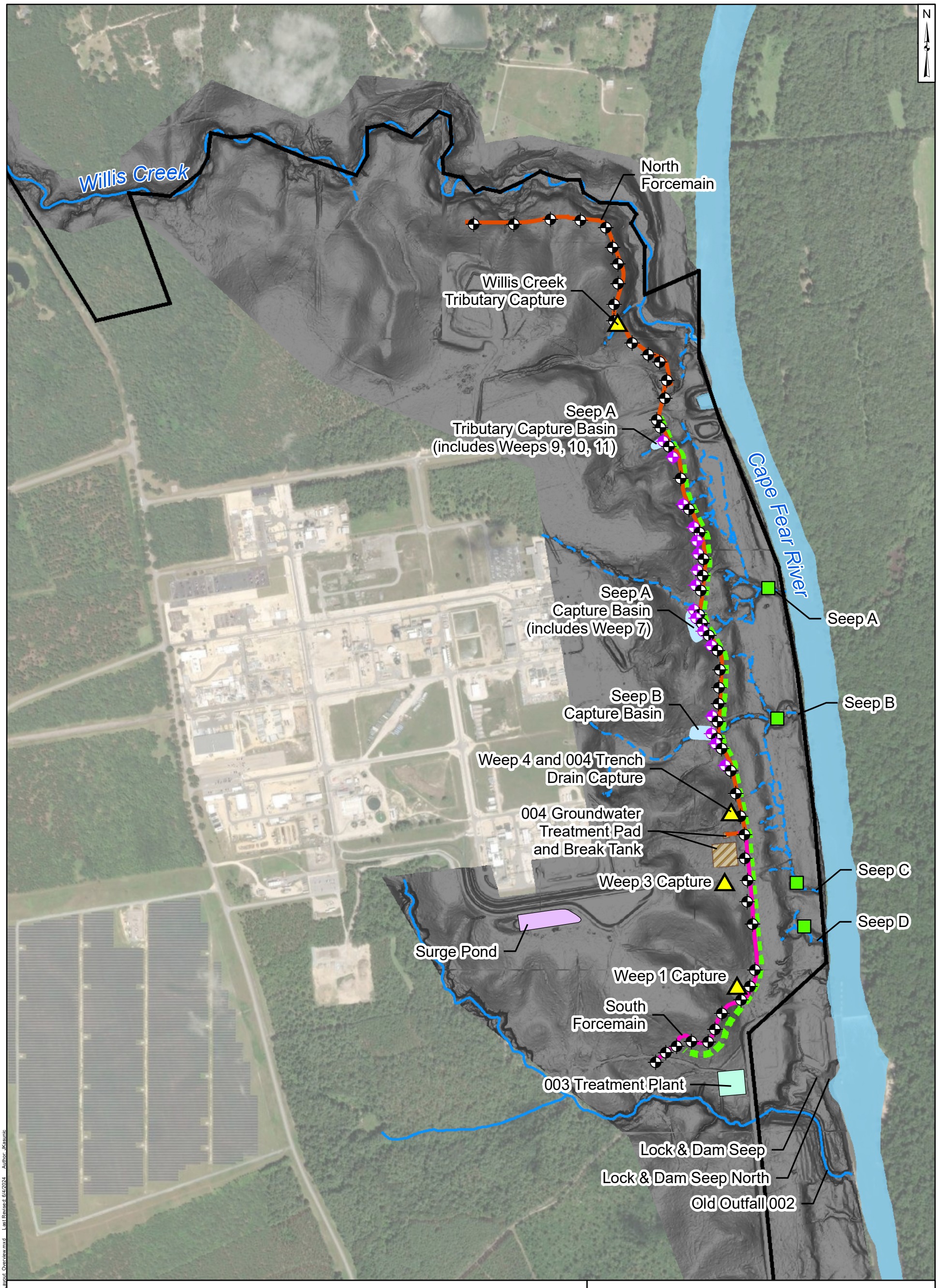
1 - Willis Creek (WC) flow was measured using the Marsh-McBirney method. Flow measurements were made at location WC-1 on the same day as analytical sampling, except for the February 25, 2023 and February 22, 2024 sampling events. For the February 25, 2023 event, flow was measured at WC-6 on February 13, 2023. For the February 22, 2024 event, flow was measured at WC-1 on February 21, 2024, a day earlier than analytical sampling.

2 - The total Table 3+ concentration (17 compounds) is rounded to two significant figures. Presented values of flow and mass discharge are limited to 1 and 2 decimal places, respectively.

3 - WC-2 is located approximately at the upgradient end of the long-term remedy alignment, and WC-1 is located approximately near the confluence with the Cape Fear River.

ft^3/sec - cubic foot per second
Δ - delta or change
ng/L - nanograms per liter
mg/sec - milligrams per second

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

1,000 500 0 1,000 Feet

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

Remedy Layout Overview

Chemours Fayetteville Works, North Carolina

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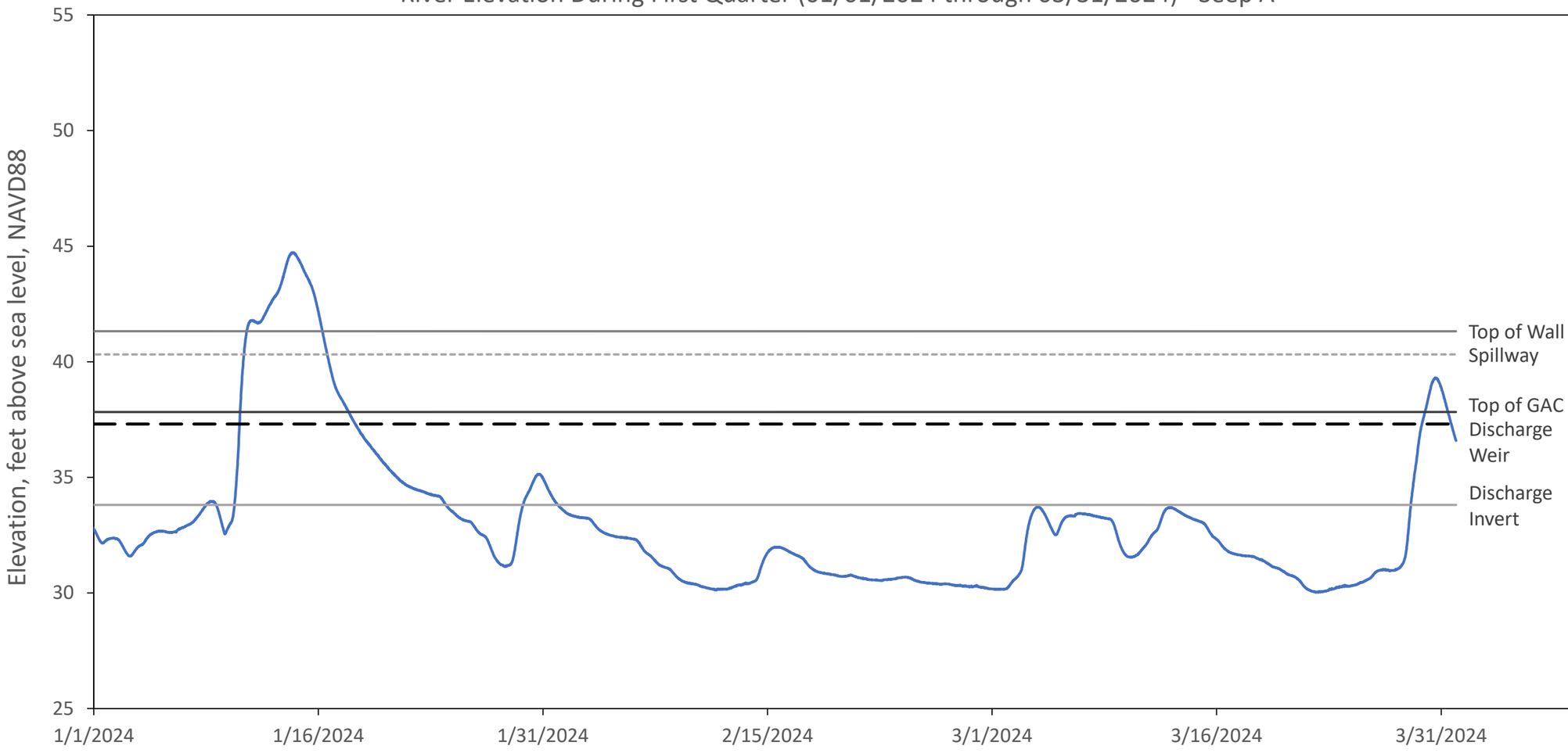
Figure 1-1

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\GWEC-CMMTR0795_RemedyLayout_Overview.mxd Last Revised: 6/4/2024 Author: JKasunic

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



Legend

River

GAC Changeout

Notes:

As-built survey information for Seep A from Donaldson Garrett & Associates July 2021.

River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.

FB1/FB2 = Filter Bed 1/Filter Bed 2

GAC = Granular Activated Carbon

FTC = Flow-Through Cell

River Level During Reporting Period & FTC As-Built Elevations - Seep A

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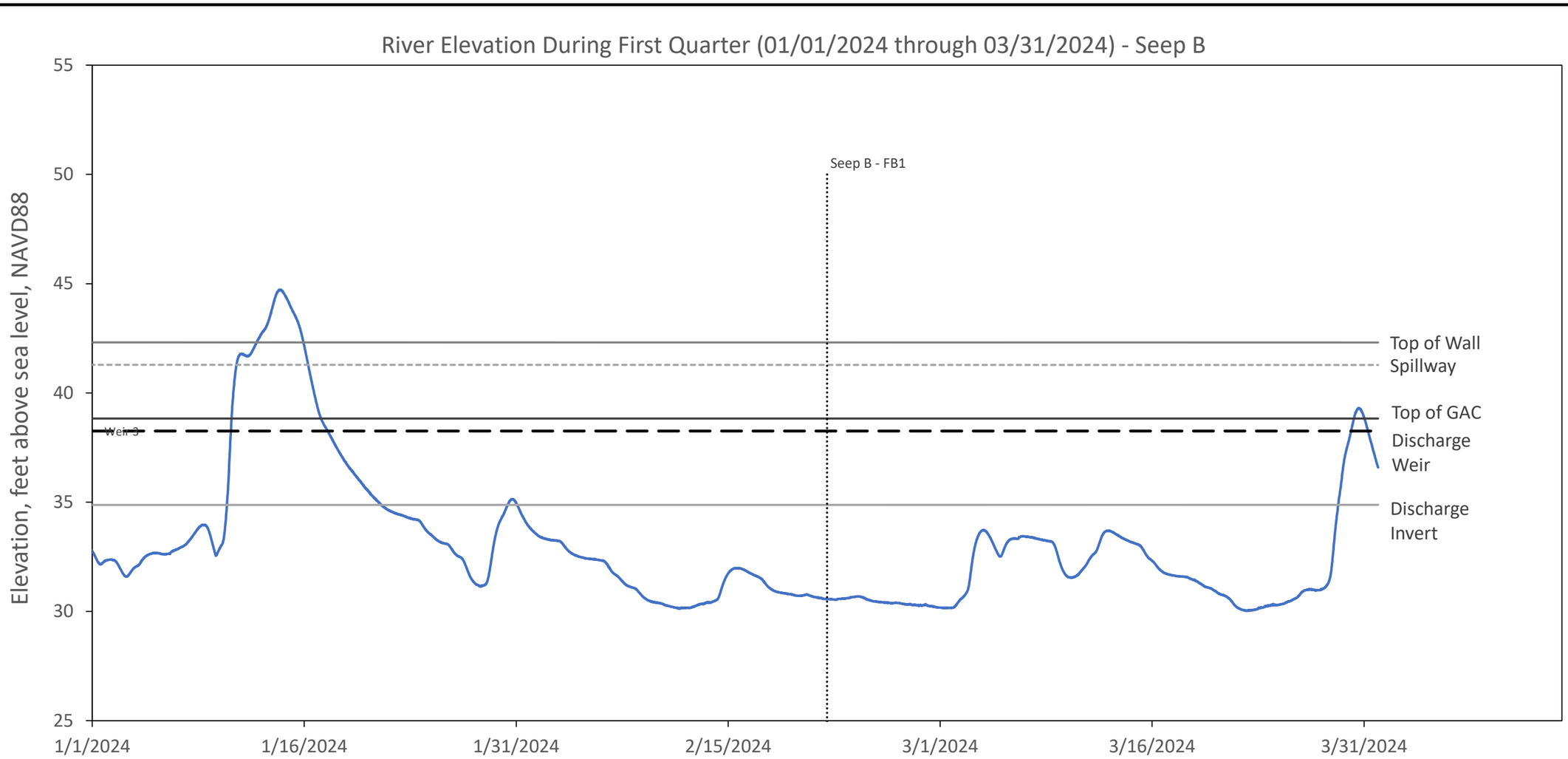
Figure 2-1A



Legend

River

GAC Changeout

Notes:

As-built survey information for Seep B from Donaldson Garrett & Associates July 2021.

River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.

FB1/FB2 = Filter Bed 1/Filter Bed 2

GAC = Granular Activated Carbon

FTC = Flow-Through Cell

River Level During Reporting Period & FTC As-Built Elevations - Seep B

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Figure

2-1B

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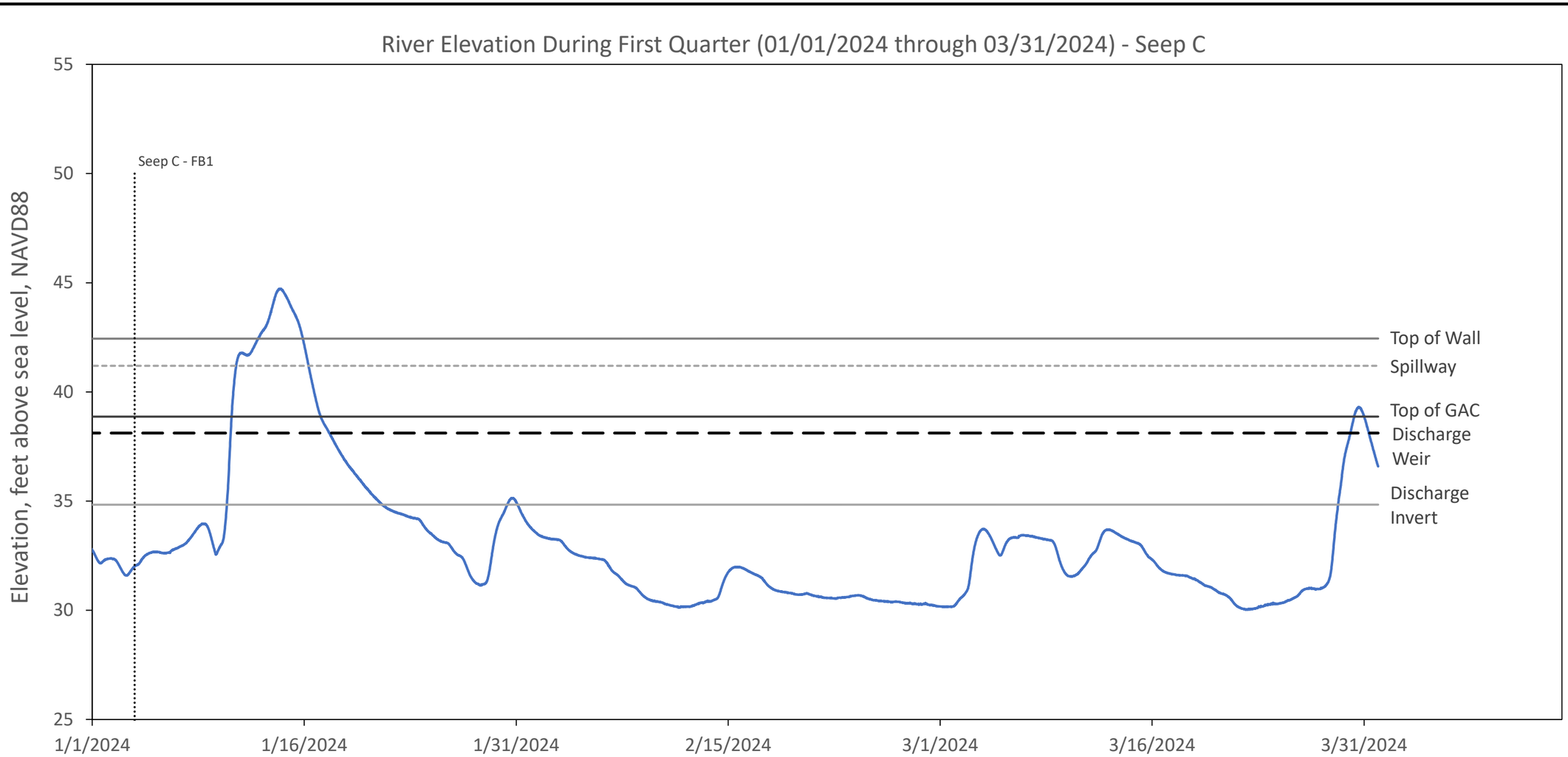

Legend

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.

FB1/FB2 = Filter Bed 1/Filter Bed 2

GAC = Granular Activated Carbon

FTC = Flow-Through Cell

River Level During Reporting Period & FTC As-Built Elevations - Seep C

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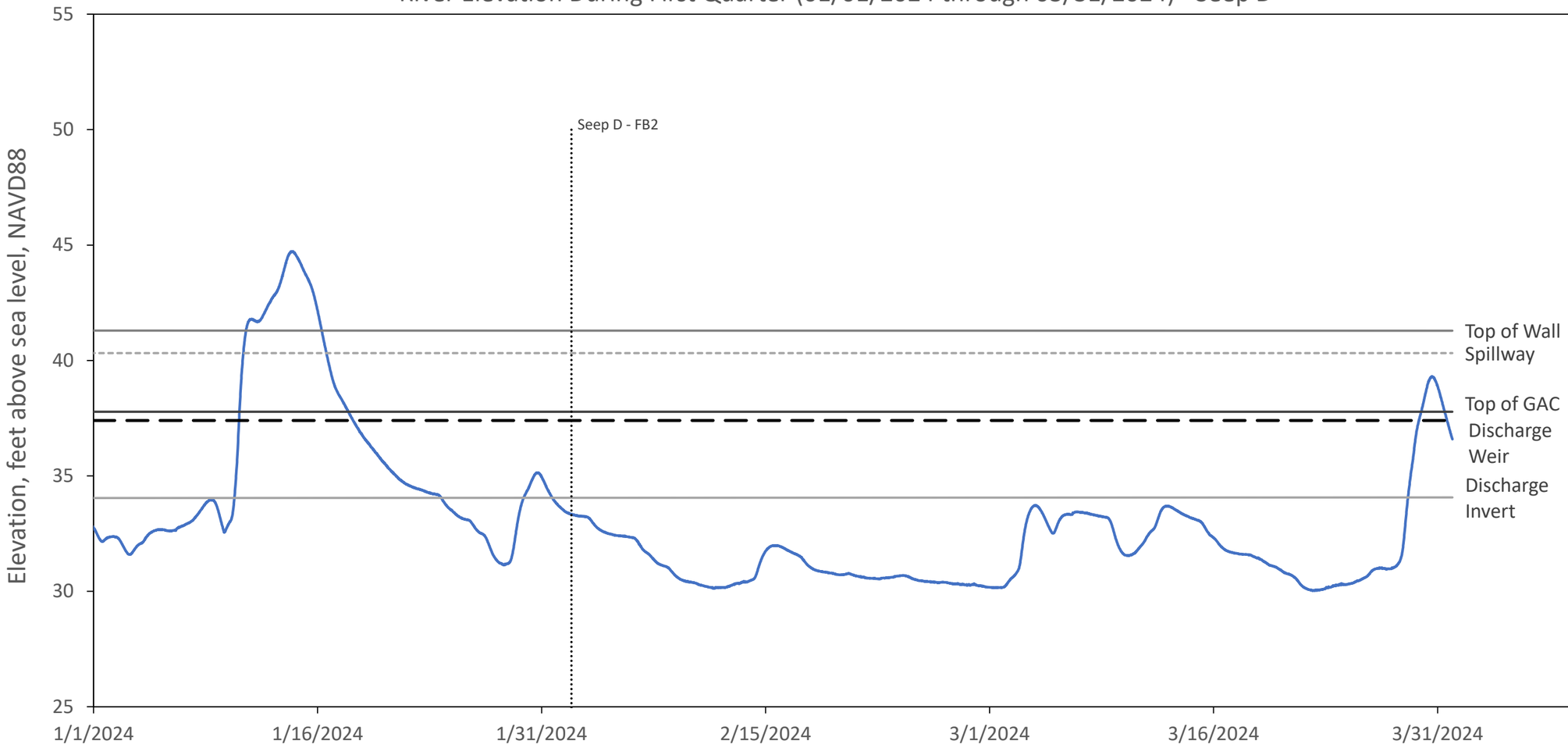
Figure

2-1C



Legend

River

GAC Changeout

Notes:

As-built survey information for Seep D from Donaldson Garrett & Associates July 2021.

River elevation from USGS Huske Lock and Dam site 02105500, converted to NAVD88.

FB1/FB2 = Filter Bed 1/Filter Bed 2

GAC = Granular Activated Carbon

FTC = Flow-Through Cell

River Level During Reporting Period & FTC As-Built Elevations - Seep D

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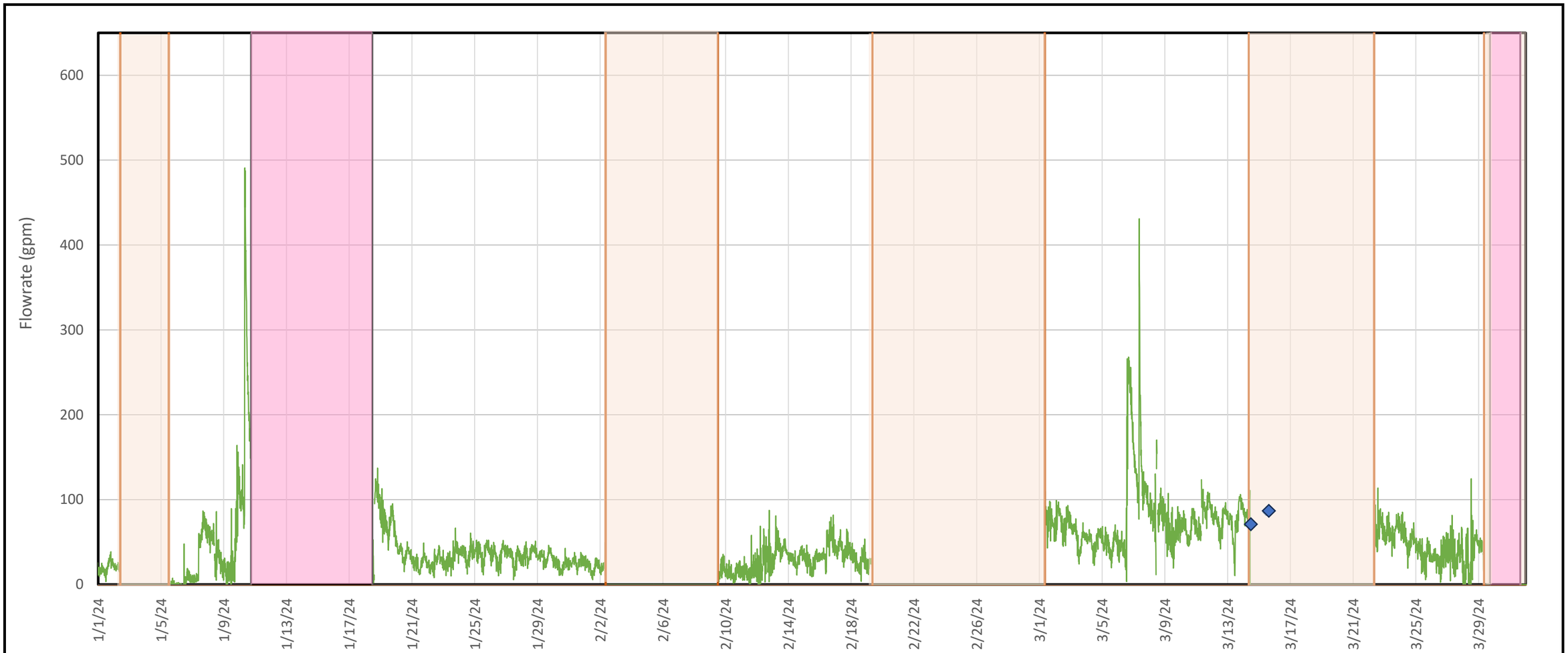
Figure 2-1D



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Cape Fear River Above Discharge Weir Elevation
- Pumping Flowrate

Notes:

gpm - gallons per minute

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

This figure depicts two types of processing: (1) Passive flow through the system is calculated using the Effluent Stilling Basin transducer data (solid green). (2) Periodically during batch mode, the impoundment was pumped into the filter beds through a flowmeter skid; the approximate flow rate during intermittent pumping is shown with blue diamond symbols.

From Jan. 10 to 18 and March 29 to 31, 2024, 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.

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2024) - Seep A

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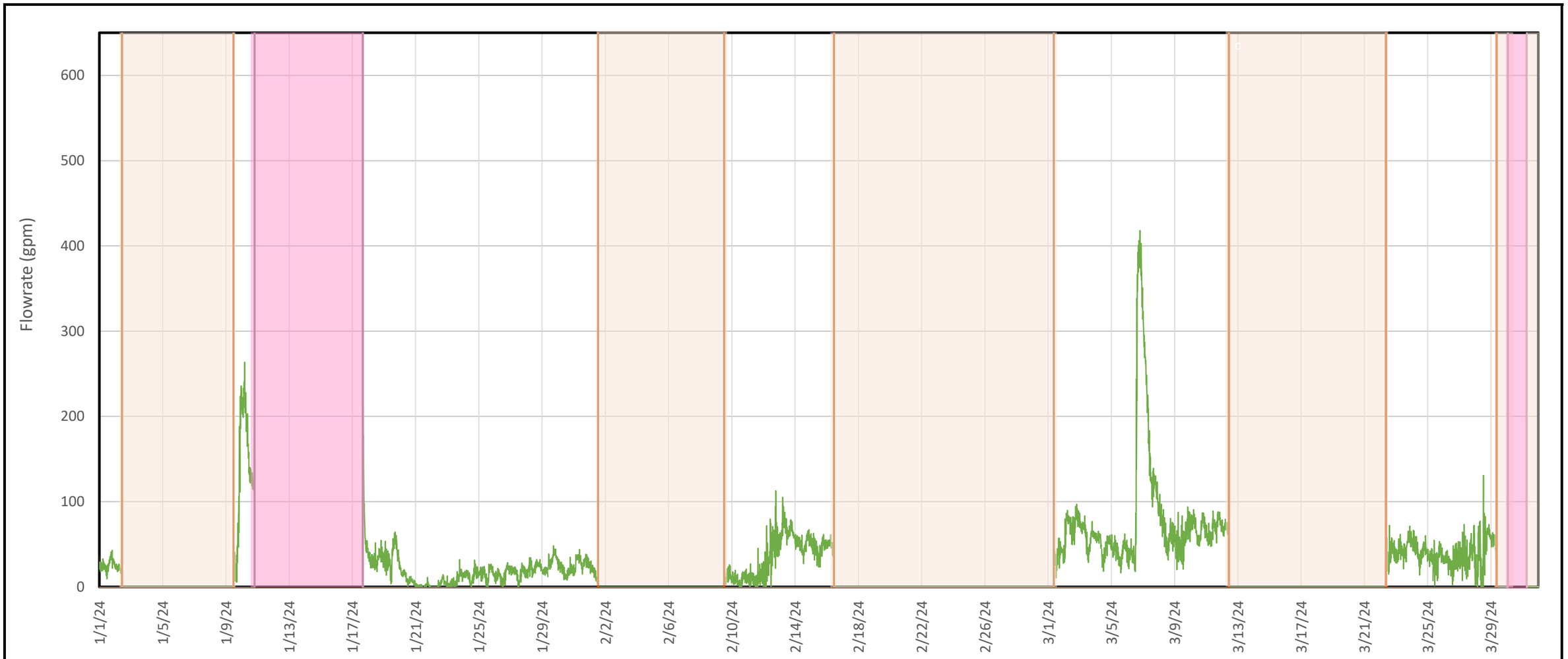
Figure

2-2A



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Cape Fear River Above Discharge Weir Elevation

Notes:

gpm - gallons per minute

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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 Jan. 10 to 17 and March 29 to 31, 2024, 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.

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2024) - Seep B

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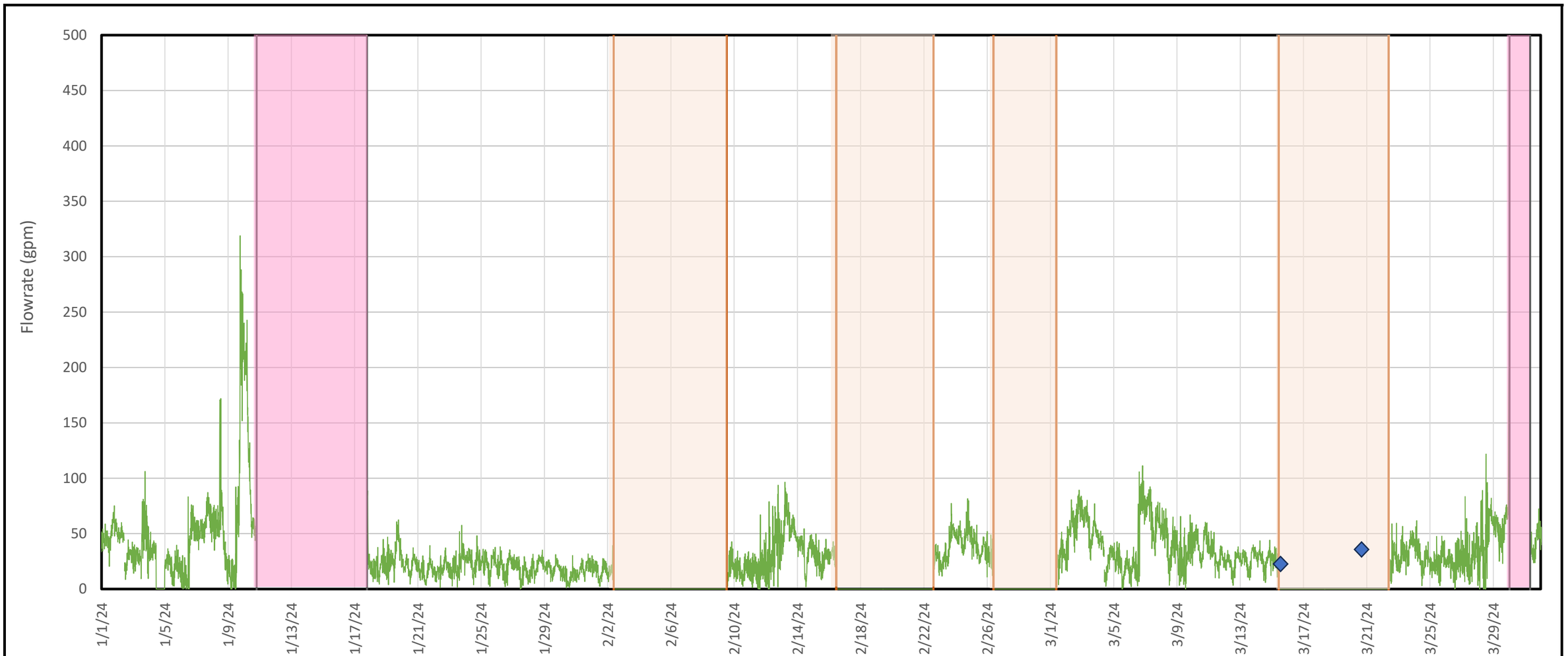
Figure 2-2B



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Cape Fear River Above Discharge Weir
- Pumping Flowrate

Notes:

gpm - gallons per minute

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

This figure depicts two types of processing: (1) Passive flow through the system is calculated using the Effluent Stilling Basin transducer data (solid green). (2) Periodically during batch mode, the impoundment was pumped into the filter beds through a flowmeter skid; the approximate flow rate during intermittent pumping is shown with blue diamond symbols.

From Jan. 10 to 17 and March 30 to 31, 2024, 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.

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2024) - Seep C

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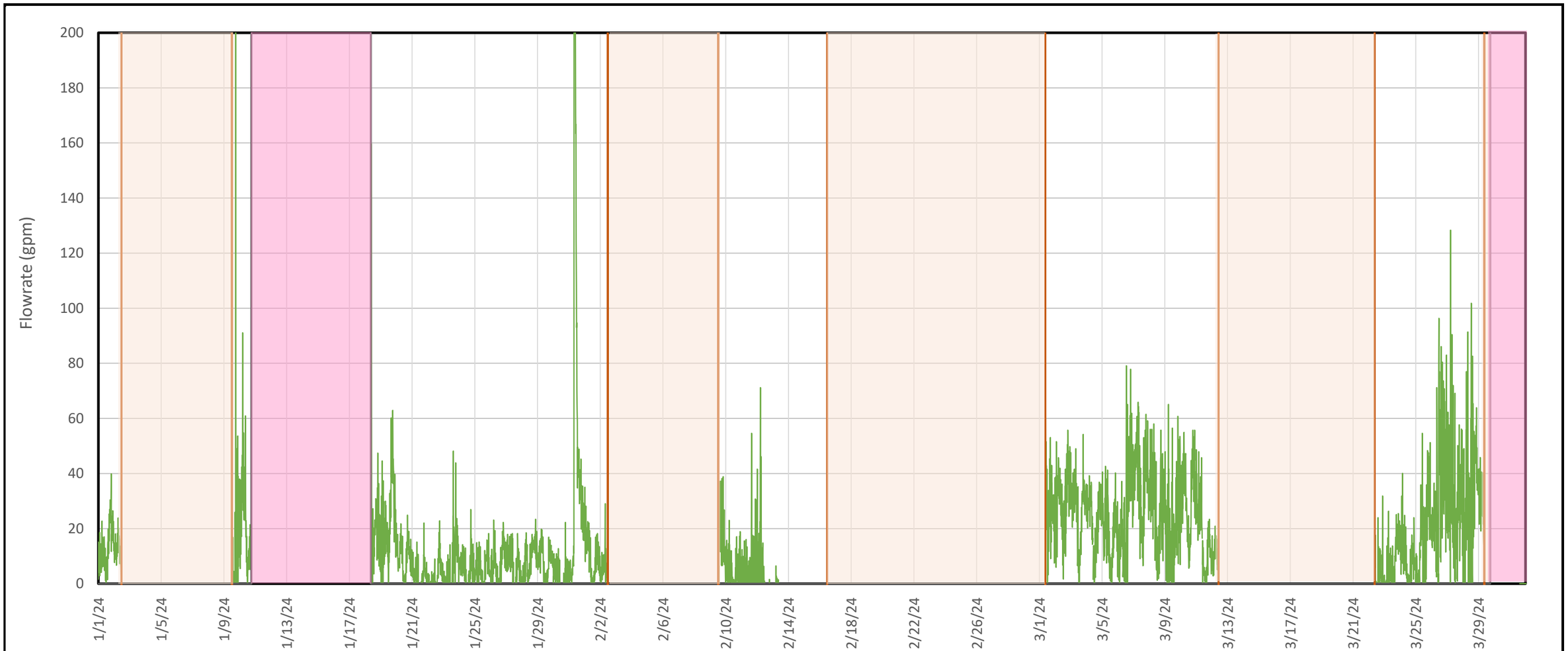
Figure 2-2C



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Cape Fear River Above Discharge Weir Elevation

Notes:
gpm - gallons per minute
Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
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 Jan. 10 to 18 and March 29 to 31, 2024 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.
FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2024) - Seep D

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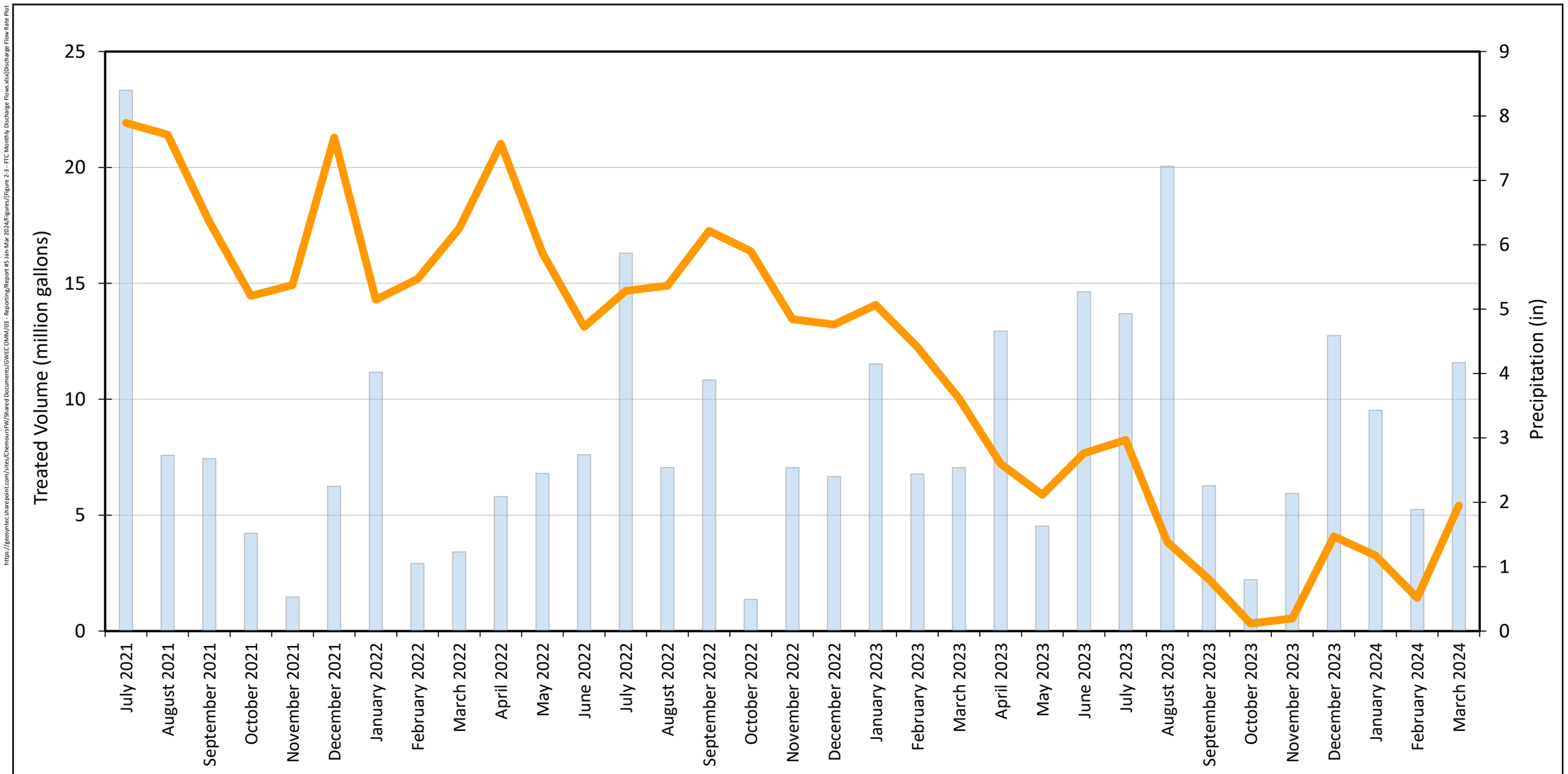
Figure
2-2D



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.

FTC Monthly Total Discharge Volumes (July 2021 - March 2024)

Chemours Fayetteville Works
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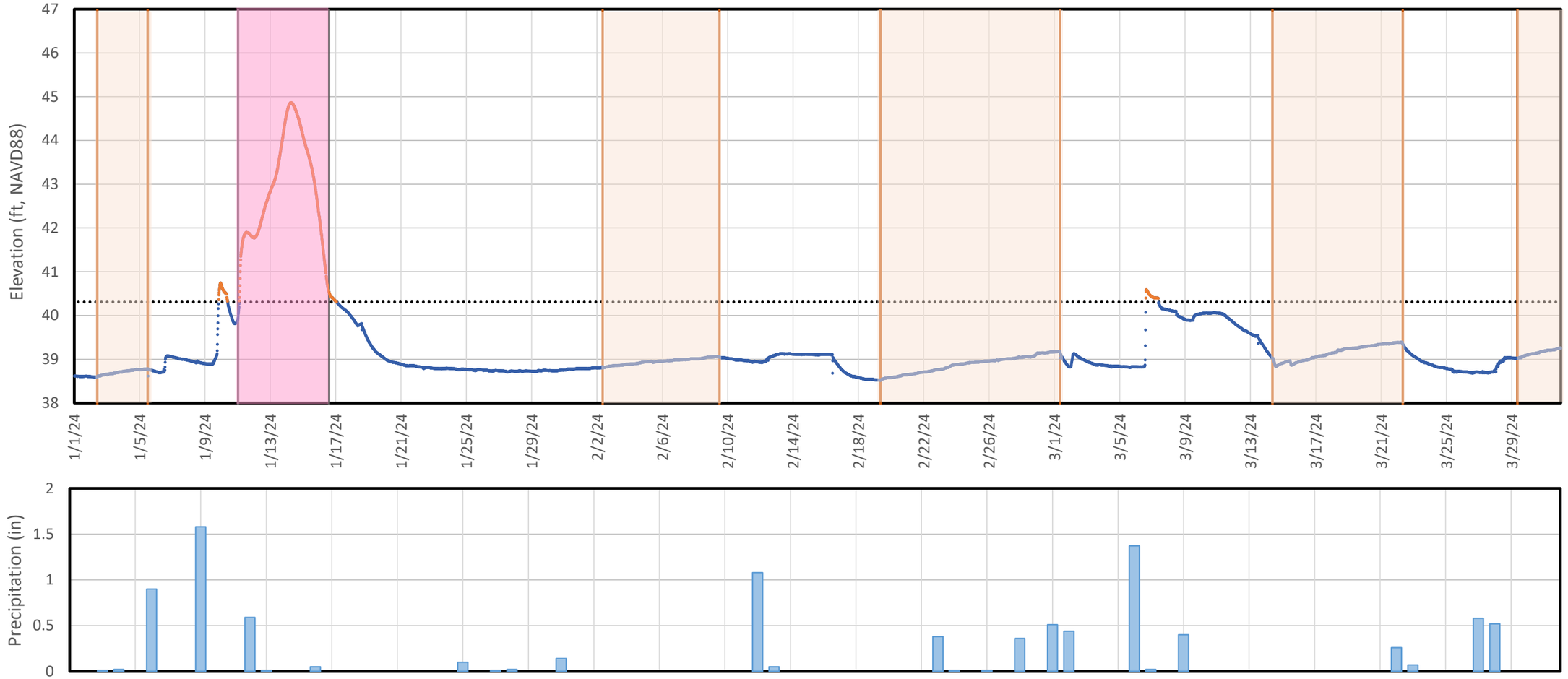
Figure 2-3



Legend

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

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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

Between Jan. 11 and Jan. 16, 2024, the Cape Fear River rose above the elevation of 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.

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

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2024) - Seep A

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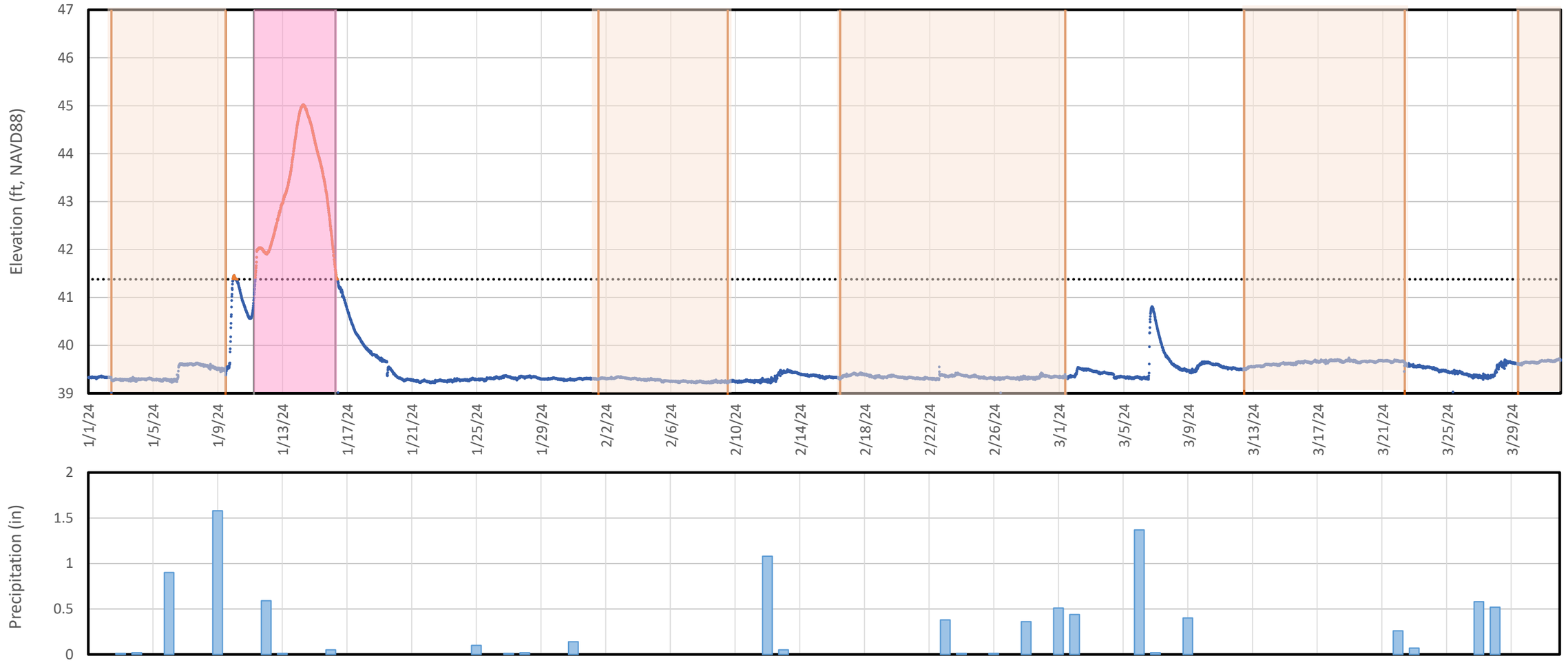
Figure 2-4A



Legend

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

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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

Between Jan. 11 and Jan. 16, 2024, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent 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.

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

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2024) - Seep B

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Figure 2-4B

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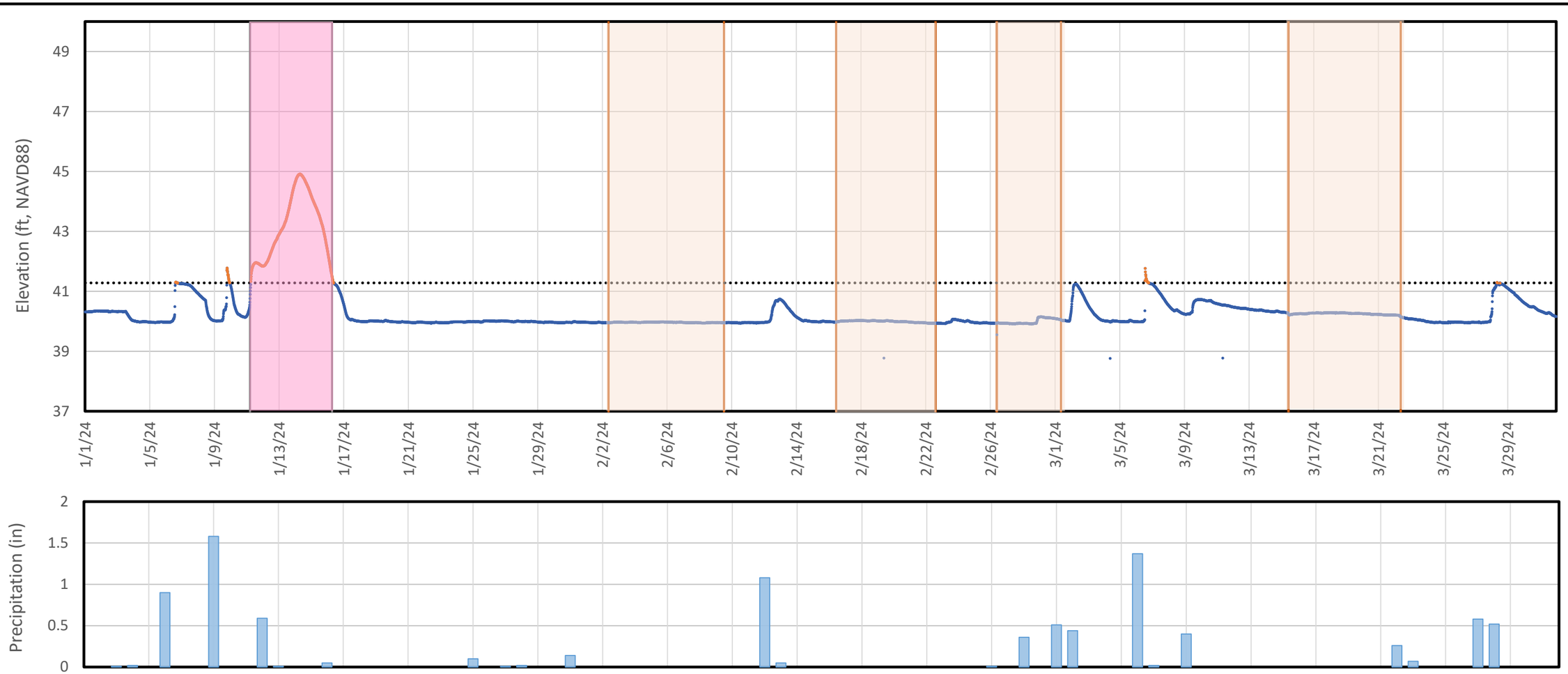

Legend

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

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
This figure shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown as an orange line.
Between Jan. 11 and Jan. 16, 2024, the Cape Fear River rose above the elevation of the Bypass Spillway, causing the influent and effluent water elevations to be equal, consequently ceasing any flows through the system (pink shading). See Section 2.3.5 for more details regarding impacts of river flooding.
Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.
FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2024) - Seep C

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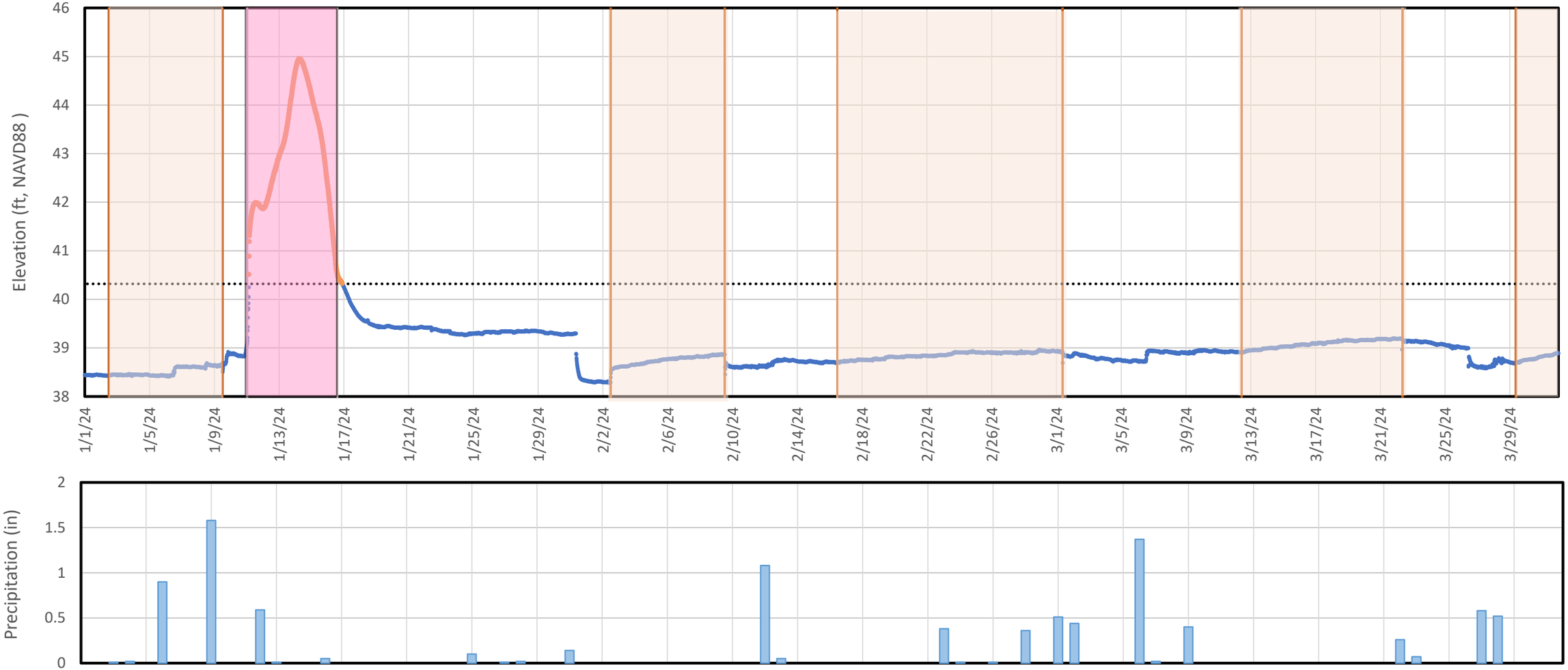
Figure 2-4C



Legend

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

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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

Between Jan. 11 and Jan. 16, 2024, 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.

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

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2024) - Seep D

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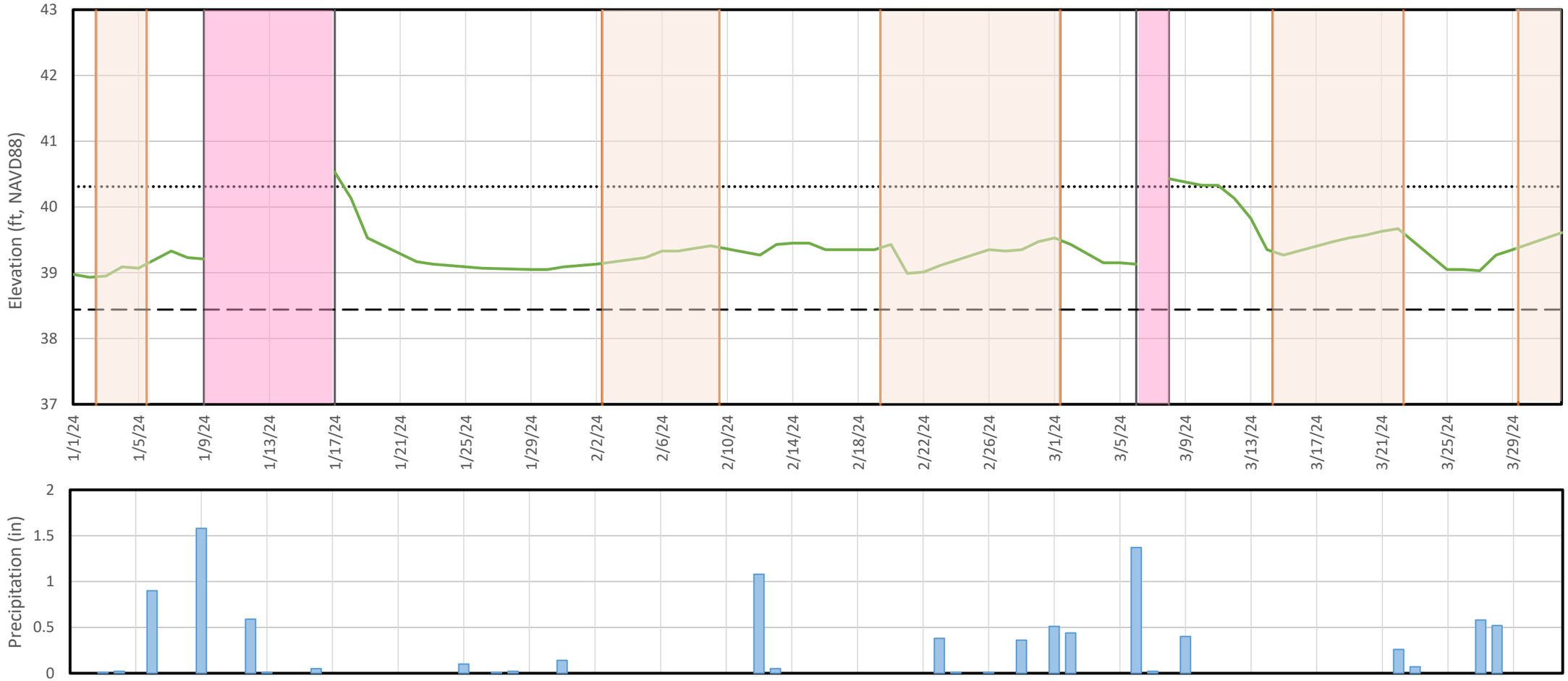
Figure 2-4D



Legend

- Staff Gauge Water Elevation
- Inlet Weir Elevation
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Staff Gauge Inundated

Notes:
Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
This figure shows the daily staff gauge water elevation that was collected during the reporting period (green line). The staff gauge was inundated during elevated water levels in January and March (pink shading).
Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
FTC - Flow-Through Cell

FTC Staff Gauge Water Elevation (Jan - Mar 2024) - Seep A

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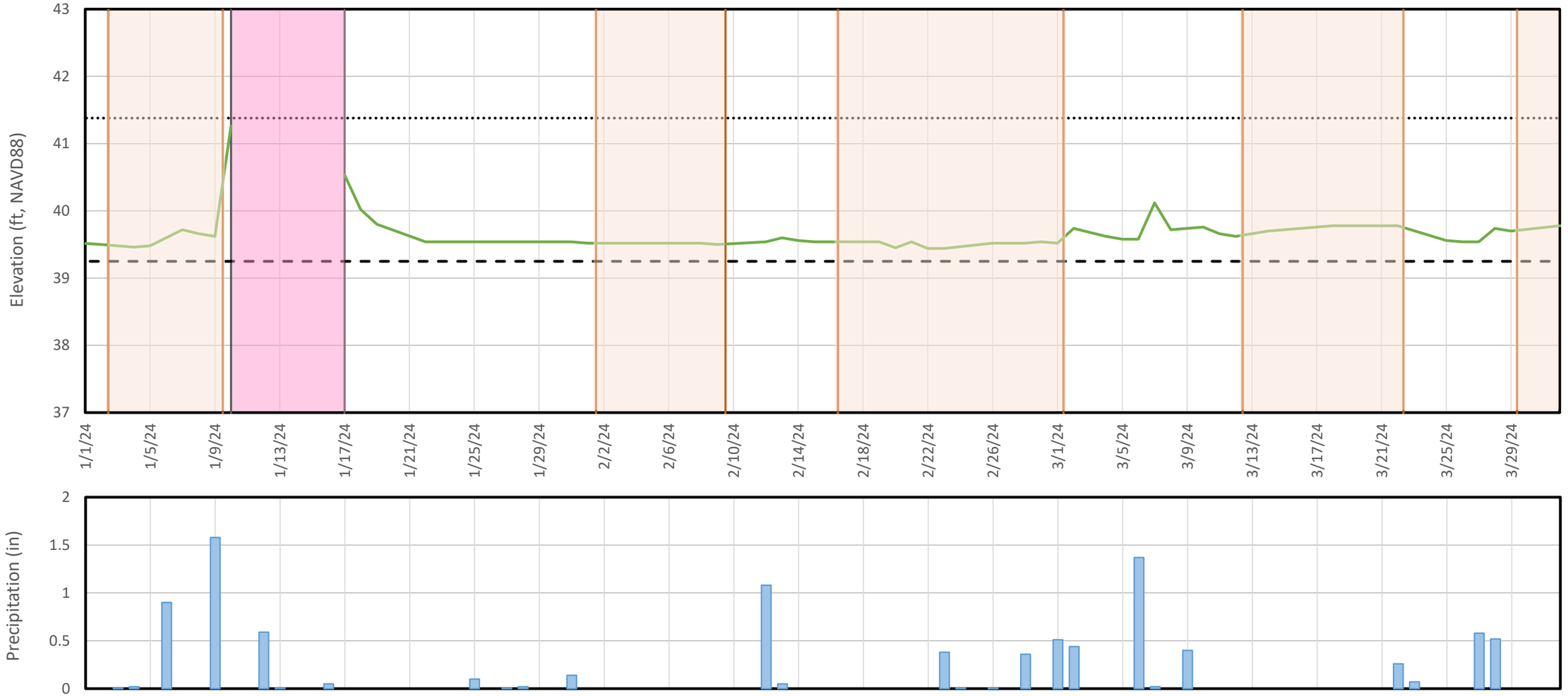
Figure 2-5A



Legend

- Staff Gauge Water Elevation
- Inlet Weir Elevation
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Staff Gauge Inundated

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

This figure shows the daily staff gauge water elevation data that was collected during the reporting period (green line). The staff gauge was inundated during elevated water levels in January (pink shading), and water elevations could not be collected.

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

FTC - Flow-Through Cell

FTC Staff Gauge Water Elevation (Jan - Mar 2024) - Seep B

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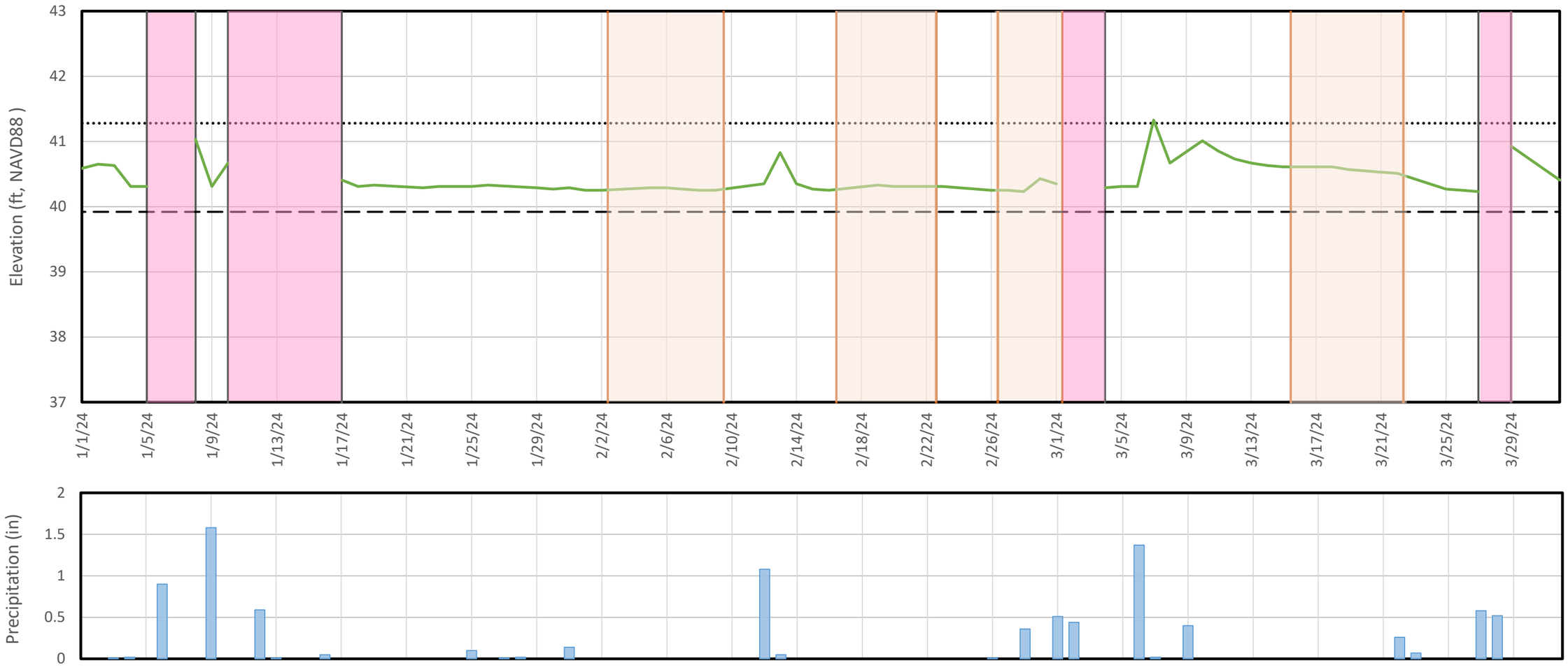
Figure 2-5B



Legend

- Staff Gauge Water Elevation
- Inlet Weir Elevation
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Staff Gauge Inundated

Notes:

Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
This figure shows the daily staff gauge water elevation data that was collected during the reporting period (green line). The staff gauge was inundated during elevated water levels in January and March (pink shading), and water elevations could not be collected.
Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.
FTC - Flow-Through Cell

FTC Staff Gauge Water Elevation (Jan - Mar 2024) - Seep C

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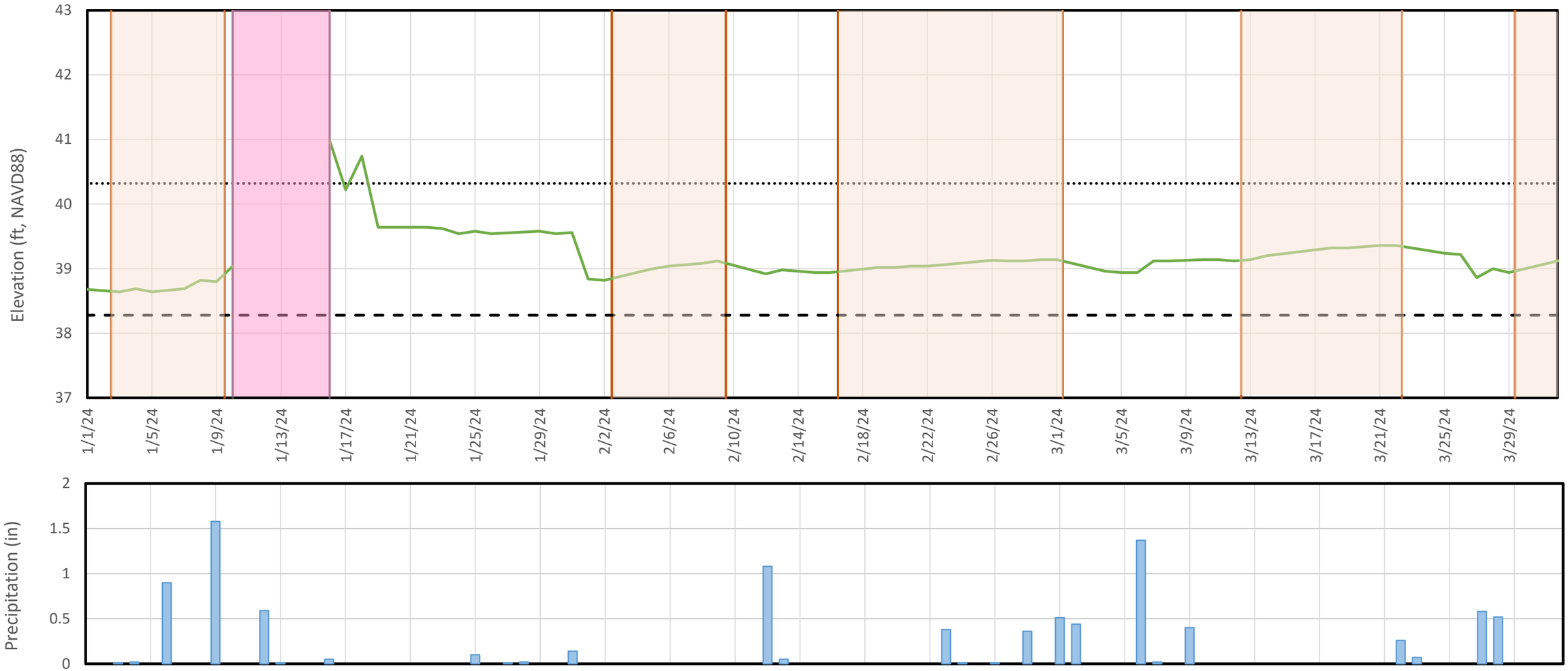
Figure 2-5C



Legend

- Staff Gauge Water Elevation
- Inlet Weir Elevation
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Staff Gauge Inundated

Notes:
Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
This figure shows the daily staff gauge water elevation data that was collected during the reporting period (green line). The staff gauge was inundated during elevated water levels in January (pink shading), and water elevations could not be collected.
Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.
FTC - Flow-Through Cell

FTC Staff Gauge Water Elevation (Jan - Mar 2024) - Seep D

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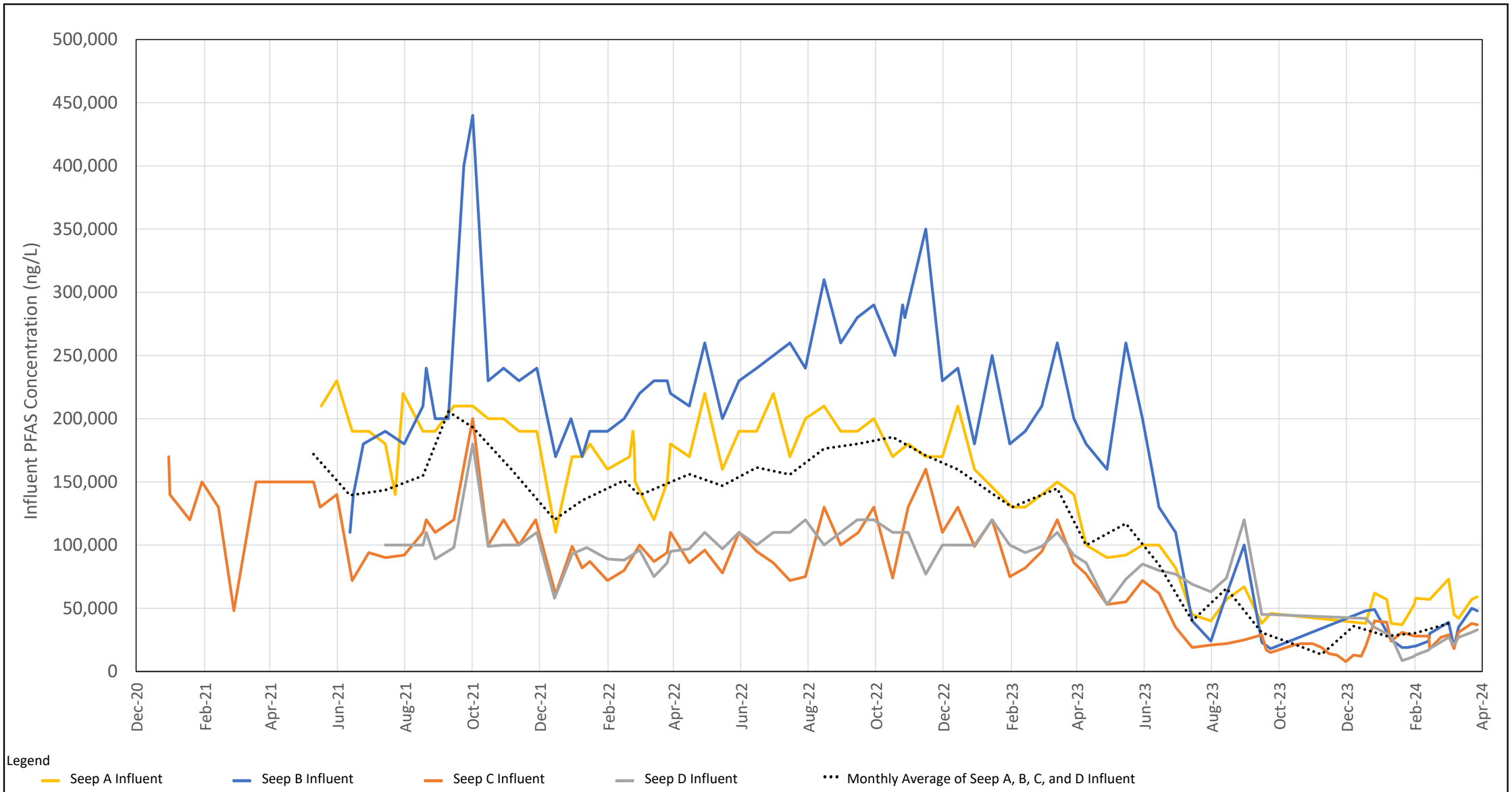
Figure 2-5D



Legend

Seep A Influent | Seep B Influent | Seep C Influent | Seep D Influent | Monthly Average of Seep A, B, C, and D Influent

Notes:

The FTCs at Seeps A, B, C, and D all became operational by late June 2021. This figure represents the monthly influent concentration of Total Table 3+ PFAS (17+ compounds).

The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023.

FTC - flow through cell

FTC Influent PFAS Concentrations

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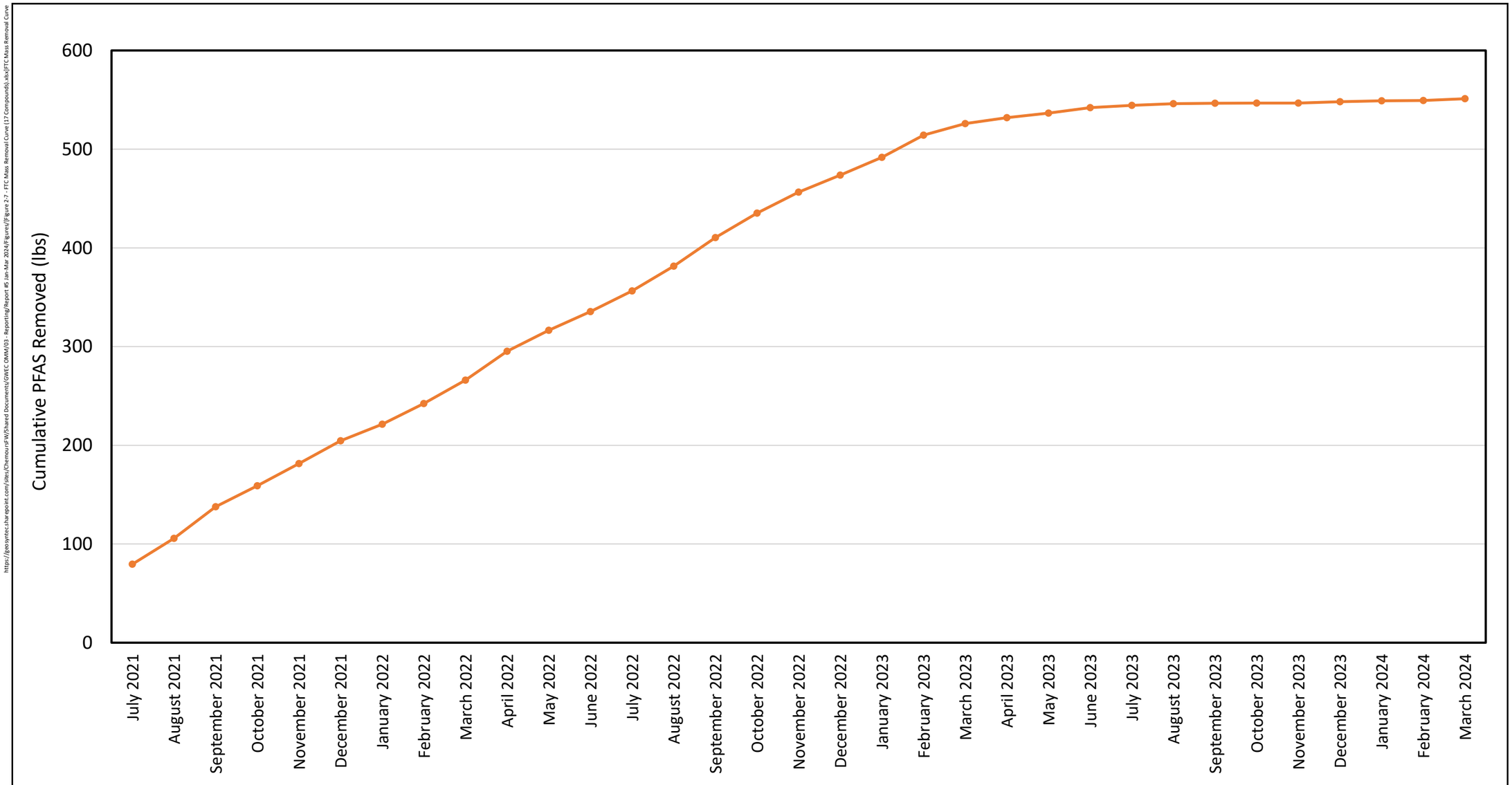
Figure 2-6



Notes:
The FTCs at Seeps A, B, C, and D became operational by late June 2021. This figure presents the cumulative pounds (lbs) of PFAS removed by the FTCs beginning July 2021.
Total lbs of PFAS removed is calculated for Total Table 3+ (17 Compounds).
The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023.

FTC Mass Removal Curve
(July 2021 - March 2024)

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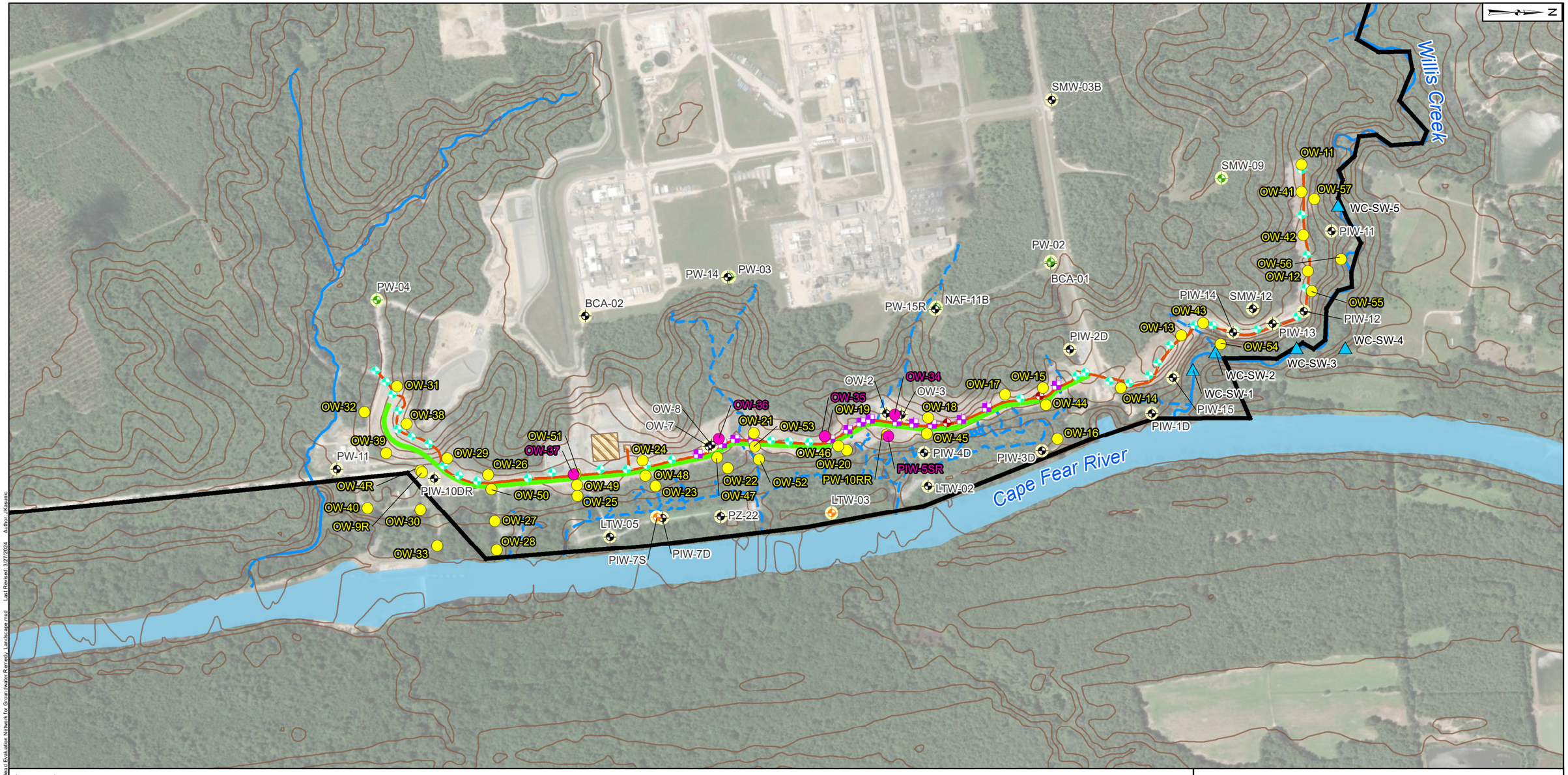
Figure 2-7



Legend

- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Surficial and Black Creek Aquifer Extraction Well
- Willis Creek Stilling Well
- Hydraulic Head Observation (Existing Well)
- Hydraulic Head Observation (New Observation Well - Black Creek Aquifer)
- Hydraulic Head Observation (New Observation Well - Surficial Aquifer)
- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 ft NAVD88
- Groundwater Treatment Pad
- Ground Surface Elevation Contour (ft NAVD88) - 10 feet interval
- Seep
- Nearby Tributary
- Nearby Tributary to River
- Cape Fear River

Notes:
ft NAVD88 - feet North American Vertical Datum 1988.
1. Some wells have been offset for visibility. Therefore, the placement of wells on this map do not reflect their true geographic coordinates.
2. Ground surface elevation contours are based on 20-foot DEM grid cells generated from LiDAR. Data from NC OneMap (https://assets.nconemap.gov/pages/hub/ncom-contours-dd.htm).
3. 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).
4. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1,000 500 0 1,000 Feet

Hydraulic Head Evaluation Network for Groundwater Remedy

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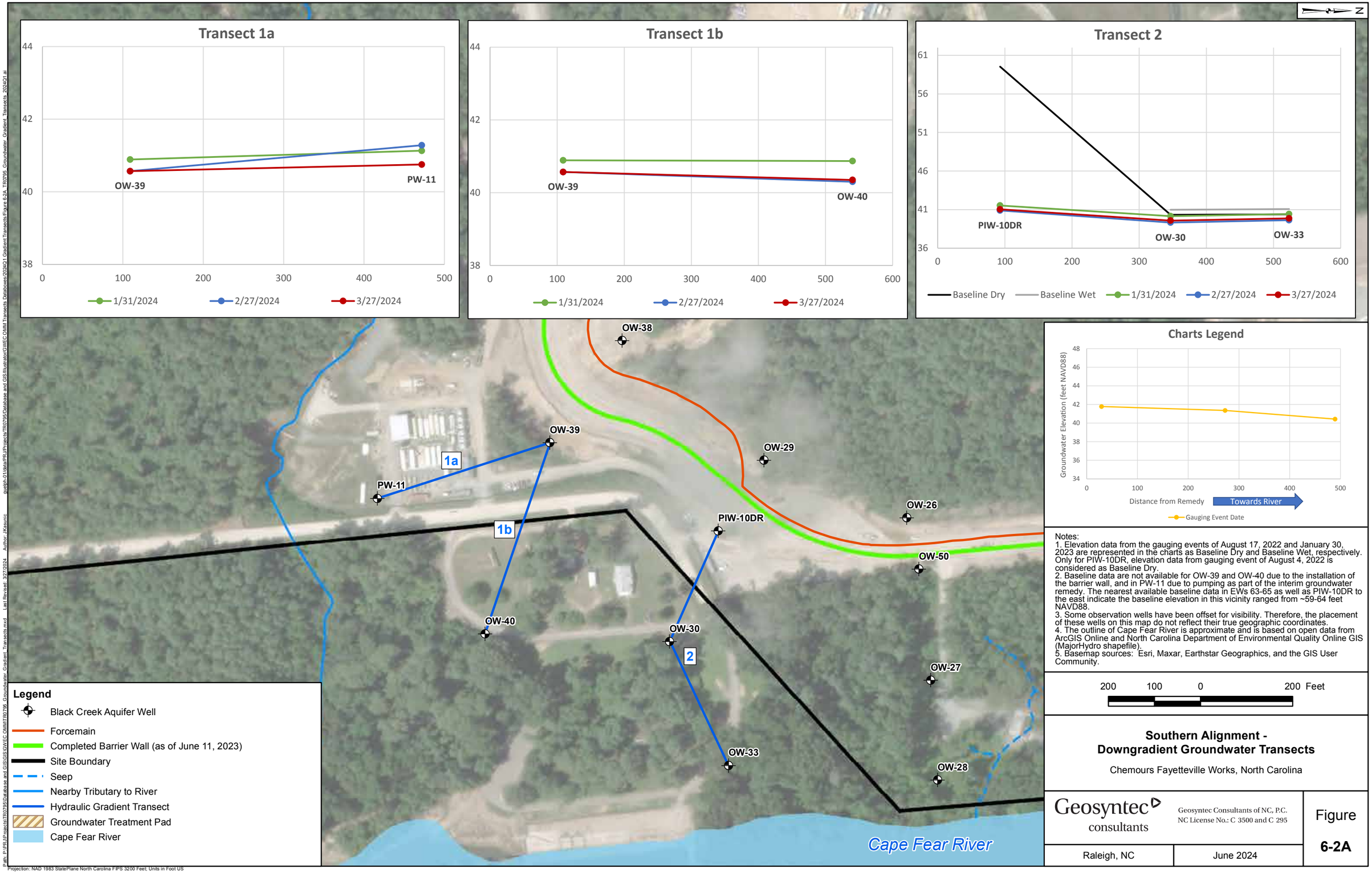
Figure 6-1

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMTR0795 Hydraulic Head Evaluation Network for Groundwater Remedy_Landscape.mxd Last Revised: 3/27/2024 Author: JKasunic

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



Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively. Only for PIW-10DR, elevation data from gauging event of August 4, 2022 is considered as Baseline Dry.
2. Baseline data are not available for OW-39 and OW-40 due to the installation of the barrier wall, and in PW-11 due to pumping as part of the interim groundwater remedy. The nearest available baseline data in EWs 63-65 as well as PIW-10DR to the east indicate the baseline elevation in this vicinity ranged from ~59-64 feet NAVD88.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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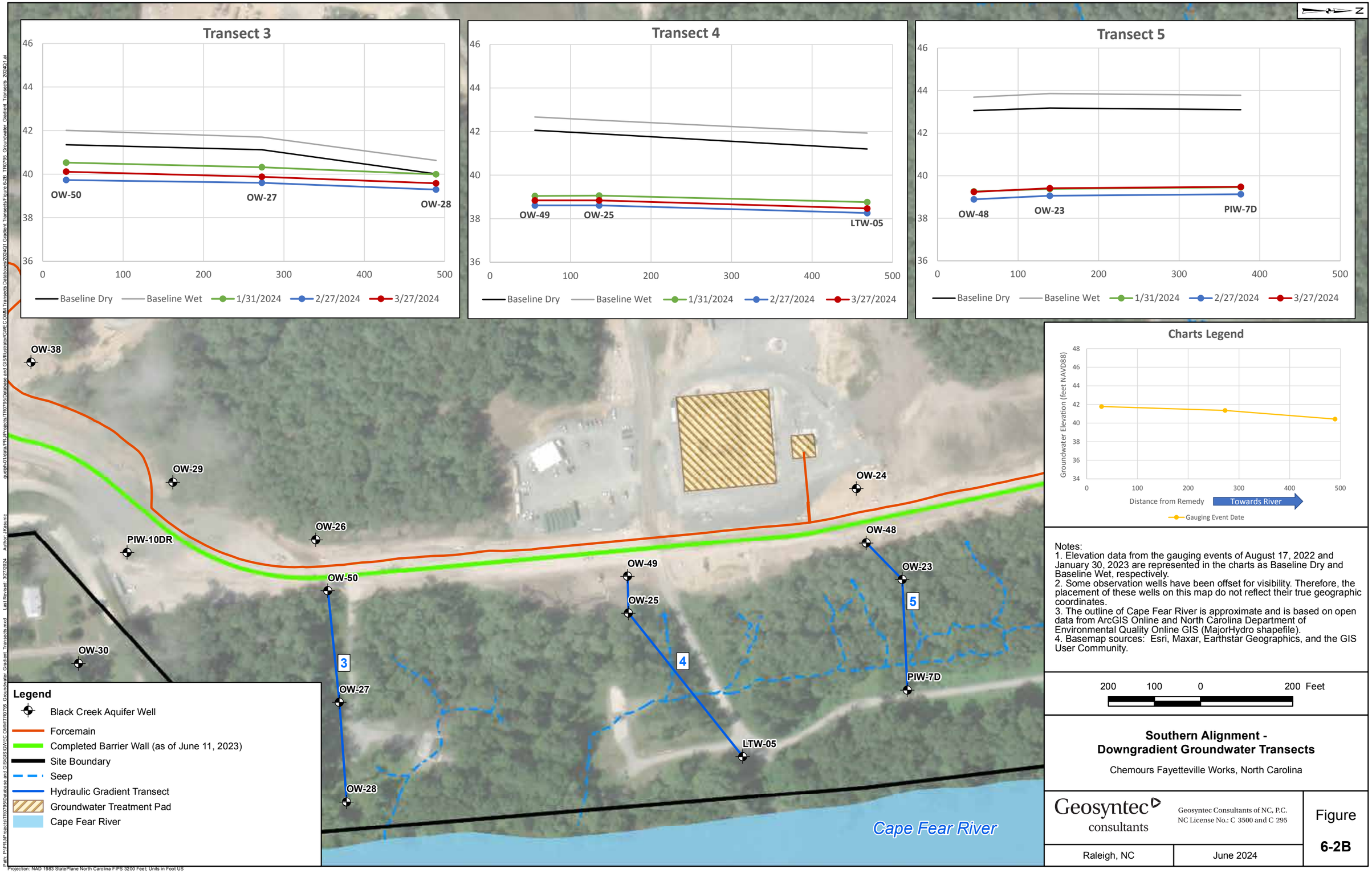
Figure **6-2A**

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: 3/27/2024 Author: JKasunic guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\2024Q1 Gradient Transects\Figure 6-2A_TR0795_Groundwater_Gradient_Transects_2024Q1.ai



Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. 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).
4. 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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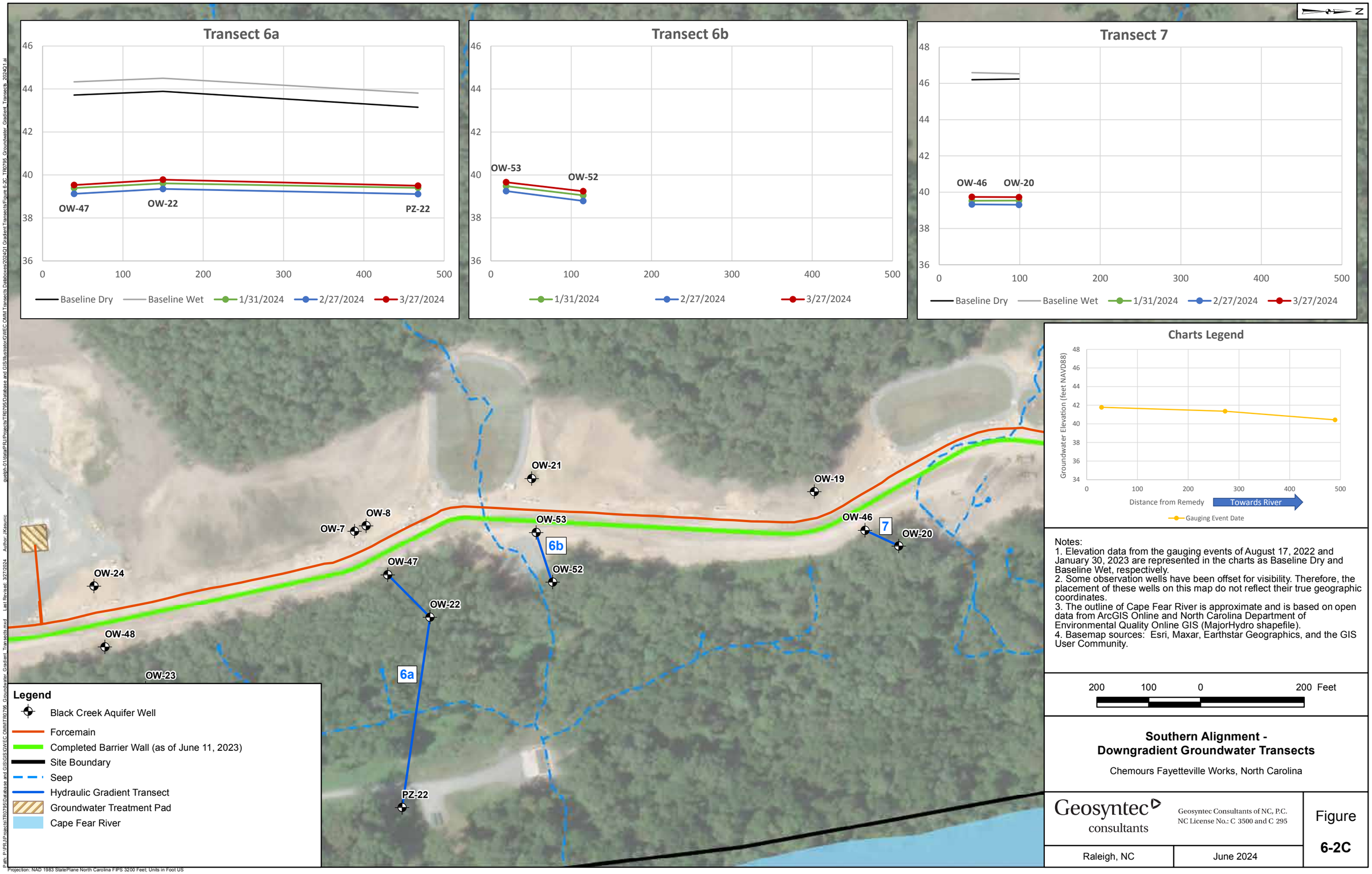
Figure **6-2B**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_Groundwater_Gradient_Transects.mxd Last Revised: 3/27/2024 Author: JKasunic guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databases\2024Q1 Gradient Transects\Figure 6-2B_TR0795_Groundwater_Gradient_Transects_2024Q1.ai

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



Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. 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).
4. 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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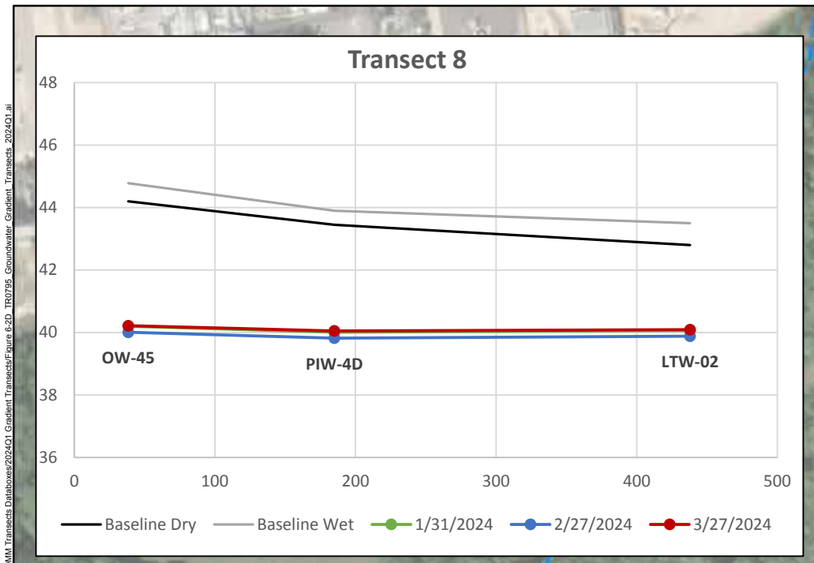
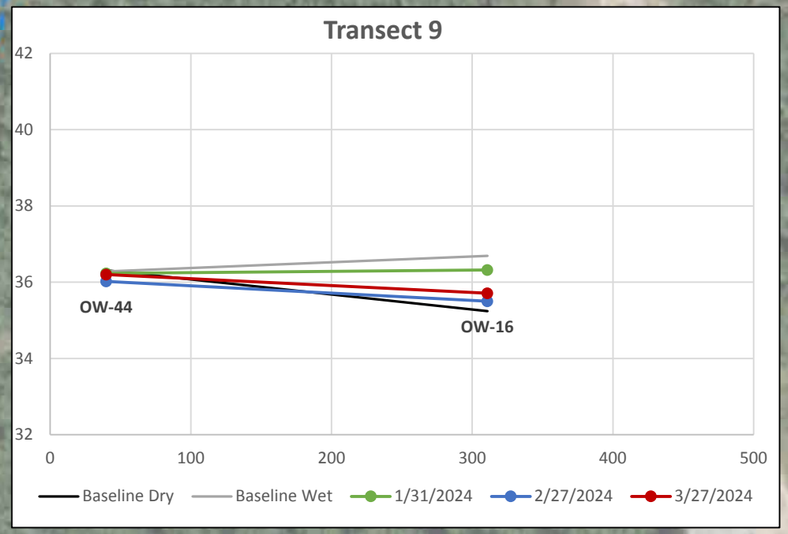
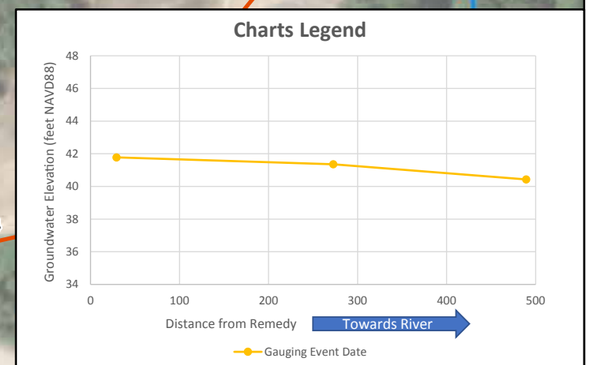
Figure **6-2C**

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

Path: P:\PRJP\projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_Groundwater_Gradient_Transects.mxd Last Revised: 3/27/2024 Author: JKasunic guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustator\GWEC OMM Transects Daboxes\2024Q1 GradientTransects\Figure 6-2C_TR0795_Groundwater_Gradient_Transects_2024Q1.ai







Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. 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).
4. 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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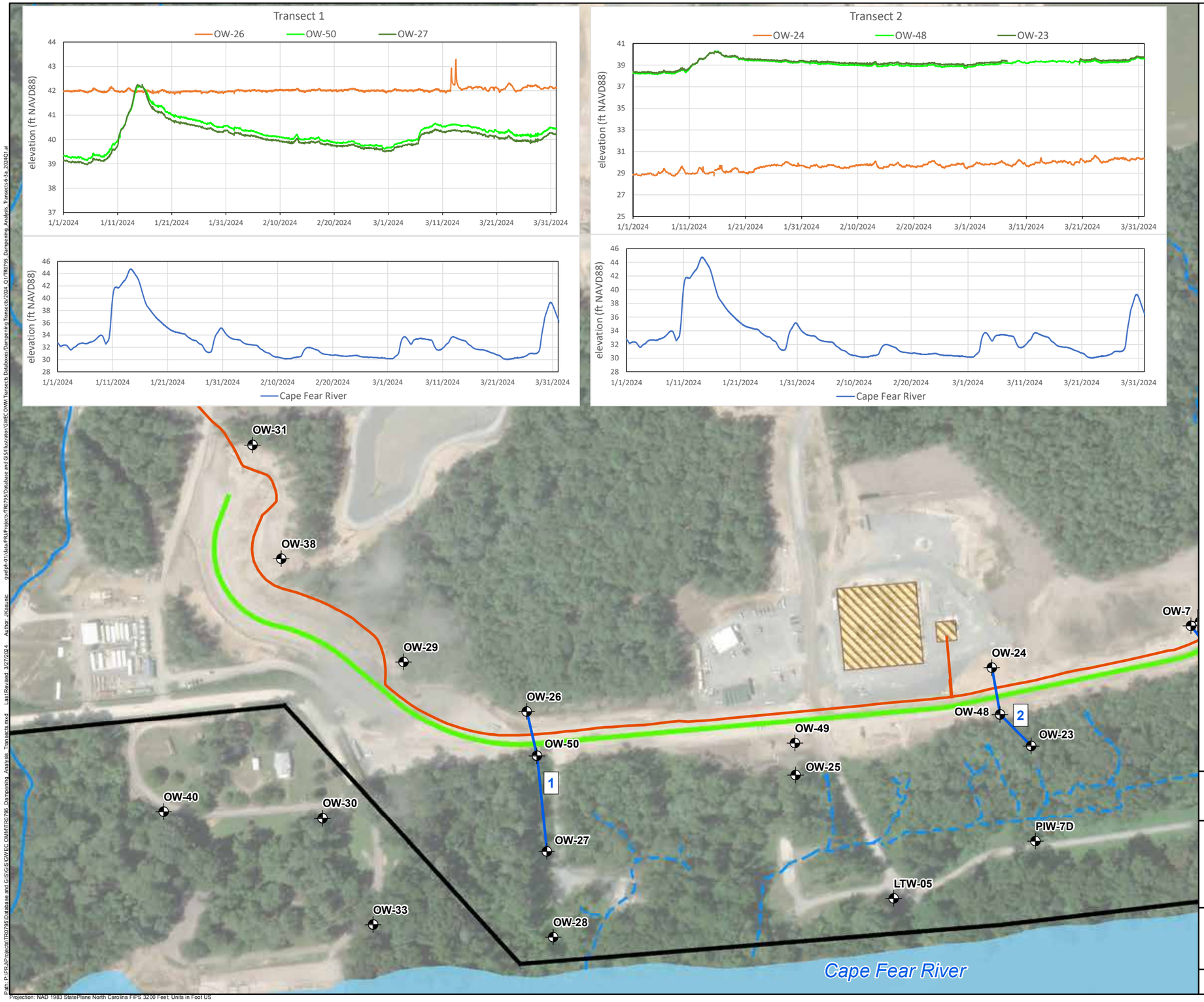
Figure **6-2D**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 Groundwater Gradient Transects.mxd Last Revised: 3/27/2024 Author: JKsaunic guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\2024Q1 Gradient Transects\Figure 6-2D TR0795 Groundwater Gradient Transects 2024Q1.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
- Nearby Tributary to River
- Dampening Analysis Transect
- Groundwater Treatment Pad
- Cape Fear River

Notes:
1. Gap in elevation data for OW-23 is due to malfunctioning of the installed transducer.
2. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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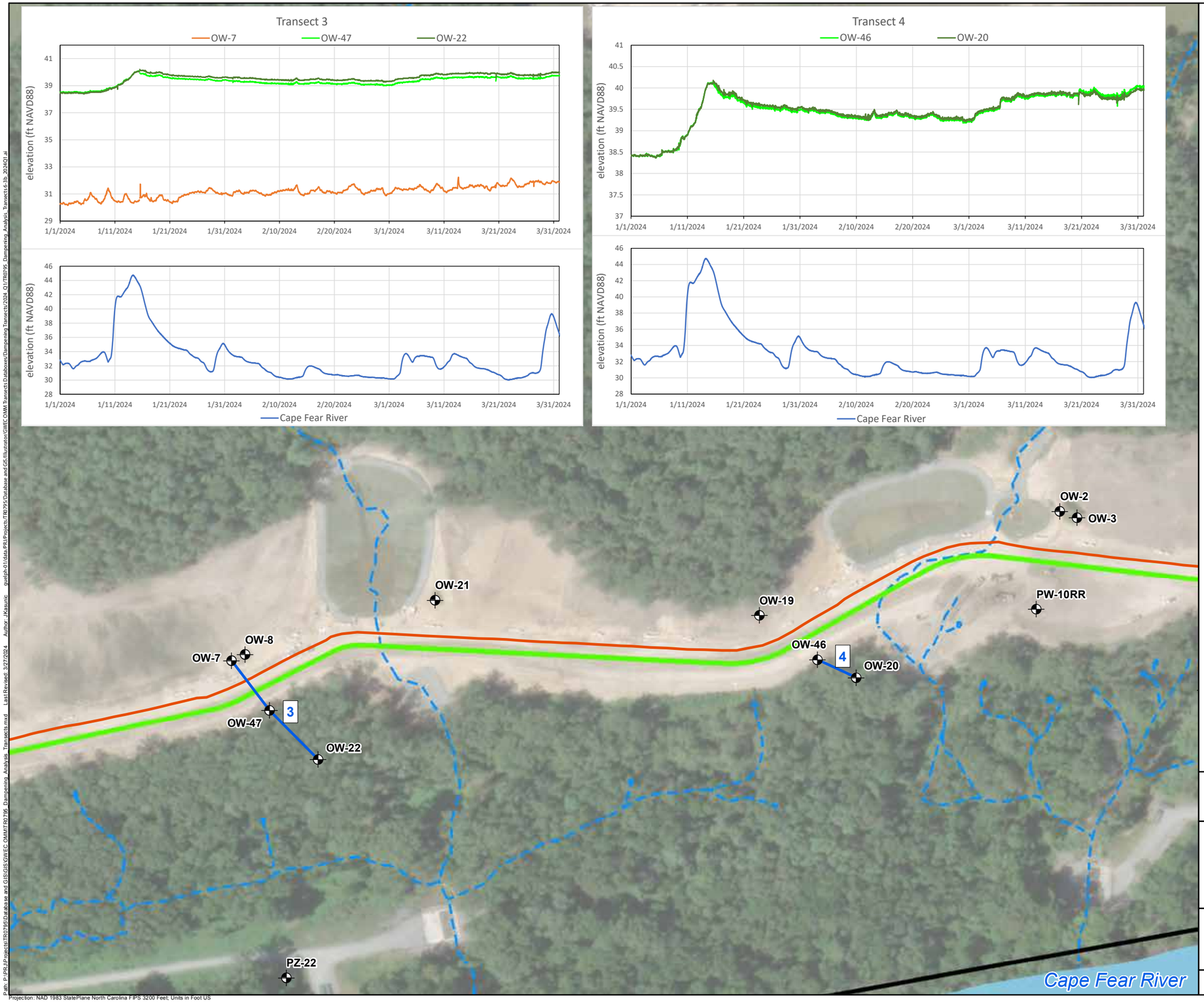
Figure **6-3A**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMTR0795_Dampening Analysis_Transects.mxd Last Revised: 3/27/2024 Author: JKasunic guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\Dampening Transects\2024_Q1\TR0795_Dampening Analysis_Transects 6-3 a_2024Q1.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. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. 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).
4. 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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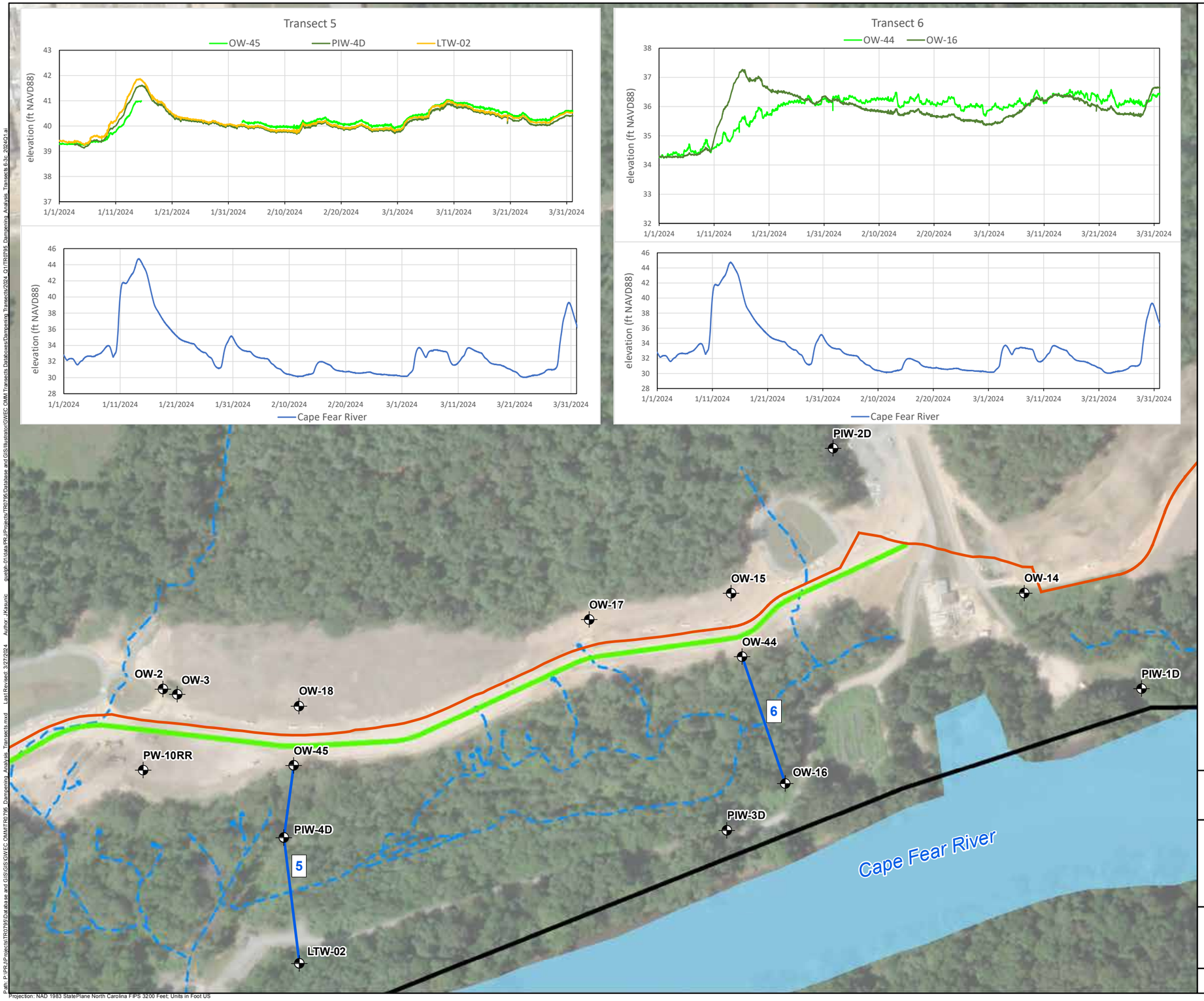
Figure **6-3B**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMMT\R0795 Dampening Analysis Transects.mxd Last Revised: 3/27/2024 Author: JKasunic guelph-01/data/PRJ/Projects/TR0795/Database and GIS/Illustrator/GWEC OMM Transects Databoxes/Dampening Transects/2024 Q1/TR0795 Dampening Analysis Transects 6-3b 2024Q1.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. Gap in elevation data for OW-45 is due to malfunctioning of the installed transducer.
2. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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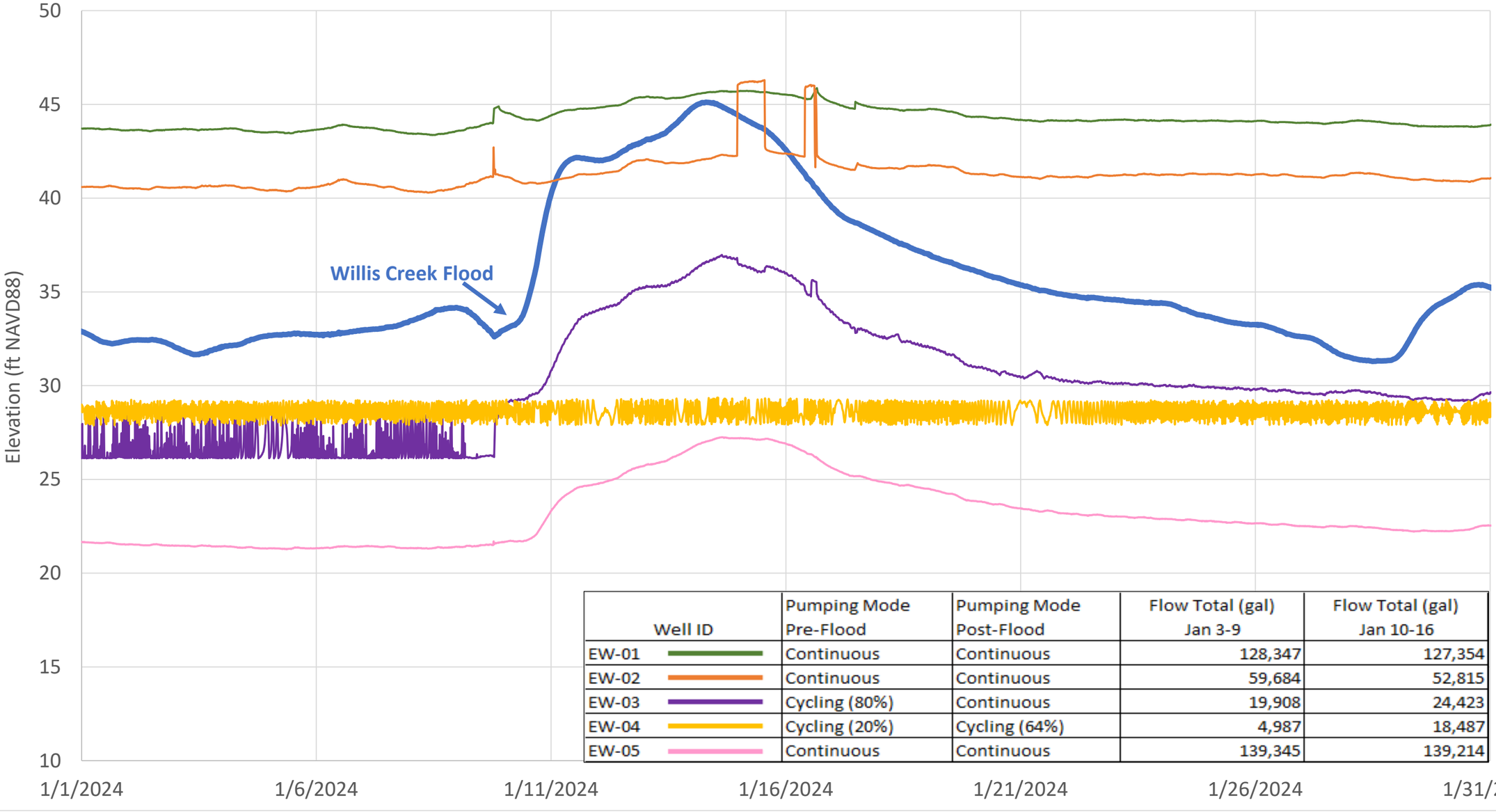
Figure **6-3C**

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

Path: P:\PR\JP\projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795_Dampening Analysis_Transects.mxd Last Revised: 3/27/2024 Author: JKasunic quelgh-01:data\PR\JP\projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\Dampening Transects\2024_Q1\TR0795_Dampening Analysis_Transects 6-3c 2024Q1.ai



Well ID	Pumping Mode Pre-Flood	Pumping Mode Post-Flood	Flow Total (gal) Jan 3-9	Flow Total (gal) Jan 10-16
EW-01	Continuous	Continuous	128,347	127,354
EW-02	Continuous	Continuous	59,684	52,815
EW-03	Cycling (80%)	Continuous	19,908	24,423
EW-04	Cycling (20%)	Cycling (64%)	4,987	18,487
EW-05	Continuous	Continuous	139,345	139,214

Notes:
Willis Creek elevation data is from a transducer deployed in a locally installed stilling well, converted to NAVD88.
Extraction Well (EW) level data is from transducer deployed in each well, converted to NAVD88.
Willis Creek and EW data both recorded at 15 minute frequency intervals.

Willis Creek Extraction Well Flood Response: EW-01 through EW-05

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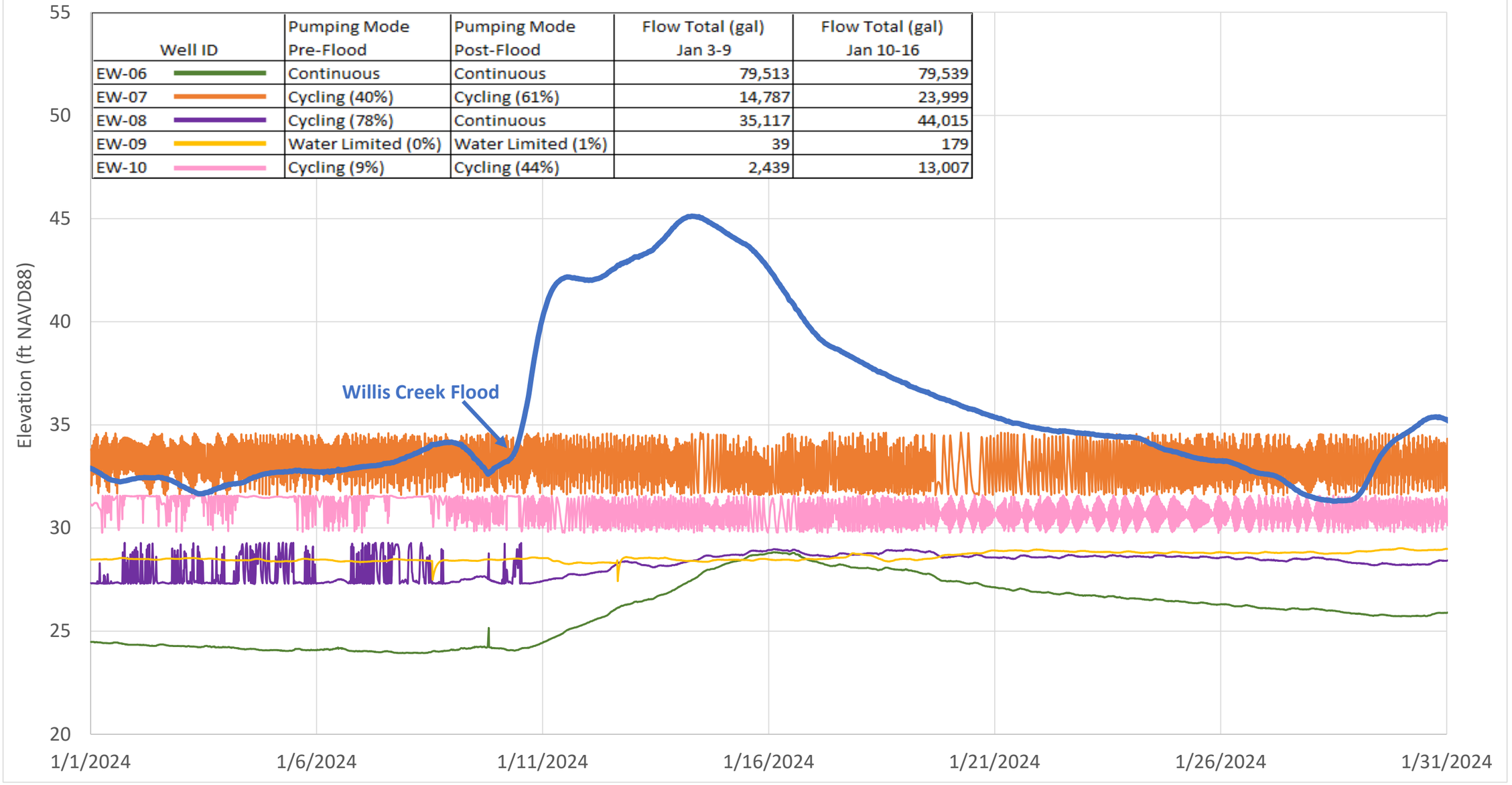
Figure 6-4A

Well ID	Pumping Mode Pre-Flood	Pumping Mode Post-Flood	Flow Total (gal) Jan 3-9	Flow Total (gal) Jan 10-16
EW-06	Continuous	Continuous	79,513	79,539
EW-07	Cycling (40%)	Cycling (61%)	14,787	23,999
EW-08	Cycling (78%)	Continuous	35,117	44,015
EW-09	Water Limited (0%)	Water Limited (1%)	39	179
EW-10	Cycling (9%)	Cycling (44%)	2,439	13,007



Notes:
Willis Creek elevation data is from a transducer deployed in a locally installed stilling well, converted to NAVD88.
Extraction Well (EW) level data is from transducer deployed in each well, converted to NAVD88.
Willis Creek and EW data both recorded at 15 minute frequency intervals.

Willis Creek Extraction Well Flood Response: EW-06 through EW-10

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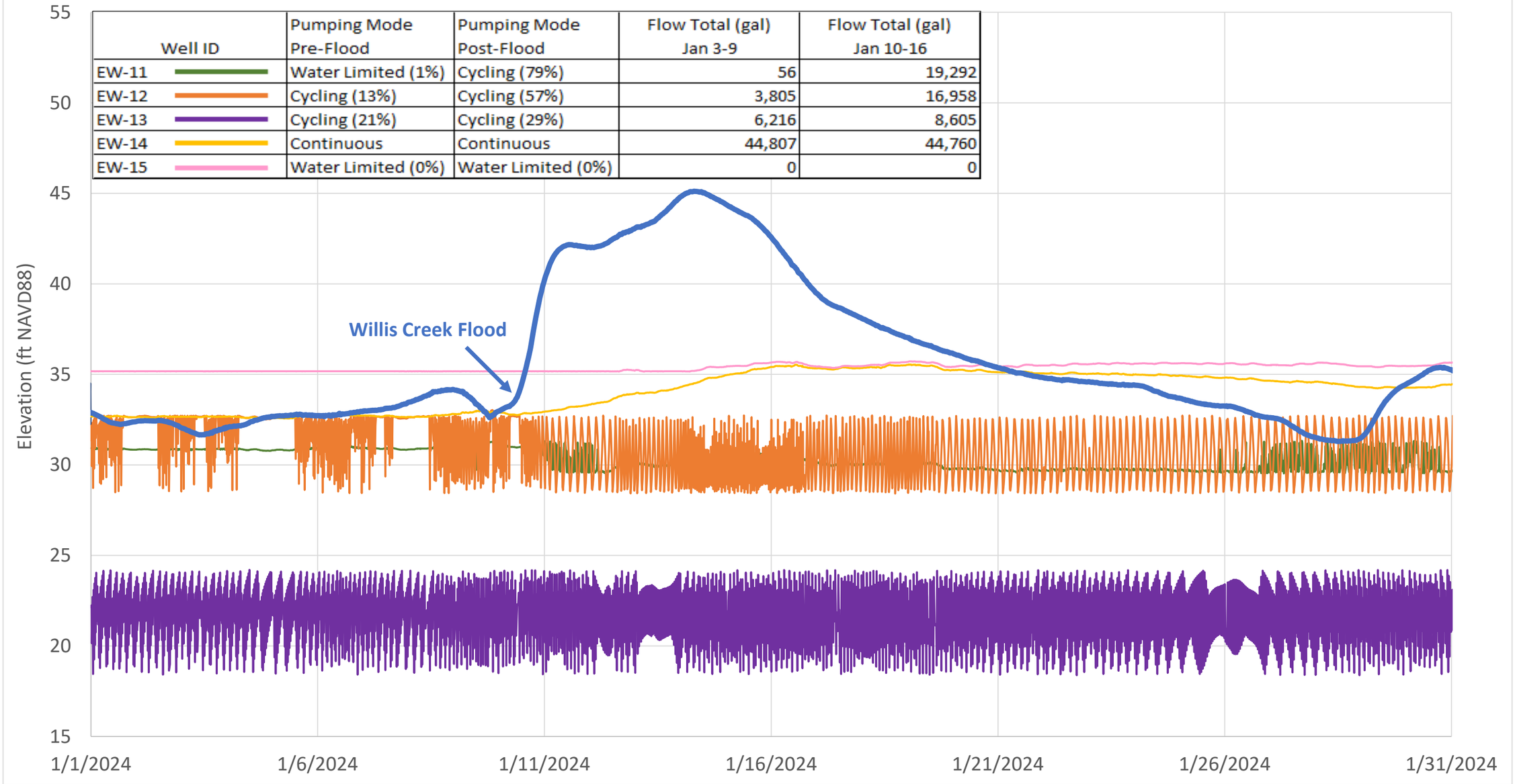
Figure 6-4B

Well ID	Pumping Mode Pre-Flood	Pumping Mode Post-Flood	Flow Total (gal) Jan 3-9	Flow Total (gal) Jan 10-16
EW-11	Water Limited (1%)	Cycling (79%)	56	19,292
EW-12	Cycling (13%)	Cycling (57%)	3,805	16,958
EW-13	Cycling (21%)	Cycling (29%)	6,216	8,605
EW-14	Continuous	Continuous	44,807	44,760
EW-15	Water Limited (0%)	Water Limited (0%)	0	0



Notes:
Willis Creek elevation data is from a transducer deployed in a locally installed stilling well, converted to NAVD88.
Extraction Well (EW) level data is from transducer deployed in each well, converted to NAVD88.
Willis Creek and EW data both recorded at 15 minute frequency intervals.

Willis Creek Extraction Well Flood Response: EW-11 through EW-15

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Figure 6-4C

SMW-03B
-2.35

OW-11
-3.1
EW-01
-3
-2
OW-41
-2.54
OW-57
-1.71
SG-5
SW-5
EW-02
PIW-11
-0.49
OW-42
-2.17
-2
-1
EW-03
-3
OW-56
0.07
SW-4
SG-4
OW-12
-4.16
-4
EW-04
-5
OW-55
-5.12
SMW-12
-4.74
PIW-12
-6.19
EW-05
-6
PIW-13
-5.5
EW-06
EW-08
EW-07
OW-43
-1.93
EW-09
OW-13
-1.5
EW-10
PIW-14
-3.45
EW-11
PIW-2D
-0.23
SW-2
OW-54
0
SW-3
SG-3
SG-2
EW-12
EW-13
PIW-15
0.01
SG-1
SW-1
OW-14
0.1
EW-14
PIW-1D
0.36

Willis Creek

Cape Fear River

Legend

- Black Creek Aquifer
- Staff Gauge
- Stilling Well
- Extraction Well
- January 2024 Elevation Difference
- Barrier Wall
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. OW-54 dry in January 2024. Water assumed at bottom of screen in elevation difference calculation
4. Antecedent daily total rainfall (January 28-30): 0.02 inches

N

0 250 Feet

Northern Alignment
January 2023 - January 2024
Elevation Difference

Chemours Fayetteville Works, North Carolina

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Figure
6-5A

Path: \\Guelph-01\Data\PRJ\Projects\TR07095\Database and GIS\GIS\GWEC.OMM\cfw_mapping\projects\report5\cfw_report5_willis_cr_maps.aprx (January 2023 - January 2024 ED 11x17 Last Revised: 4/10/2024 Author: Tlp

SMW-03B
-2.02

OW-11
-3.3
EW-01

OW-41
-2.76

OW-57
-1.88

SW-5
SG-5

EW-02

PIW-11
-0.45

OW-42
-2.39

EW-03

OW-56
-0.93

SW-4
SG-4

Willis Creek

OW-12
-5.64

EW-04

OW-55
-6.33

SMW-12
-4.42

PIW-12
-7.34

EW-05

PIW-13
-6.52

EW-06

EW-07

EW-08

OW-43
-2.58

EW-09

OW-13
-2.44

EW-10

EW-11

PIW-14
-4.37

PIW-2D
-0.65

SW-2

OW-54
-2.5

SG-2

SW-3
SG-3

EW-12

EW-13

SG-1

SW-1

OW-14
-1.6

EW-14

PIW-15
-1.74

PIW-1D
-1.77

Cape Fear River

-1
-2
-3
-4
-5
-6
-7

Legend

- Black Creek Aquifer
- Staff Gauge
- Stilling Well
- Extraction Well
- February 2024 Elevation Difference
- Barrier Wall
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. OW-54 dry in February 2024. Water assumed at bottom of screen in elevation difference calculation.
4. Antecedent daily total rainfall (February 24-26): 0.02 inches

N

0 250 Feet

Northern Alignment
January 2023 - February 2024
Elevation Difference

Chemours Fayetteville Works, North Carolina

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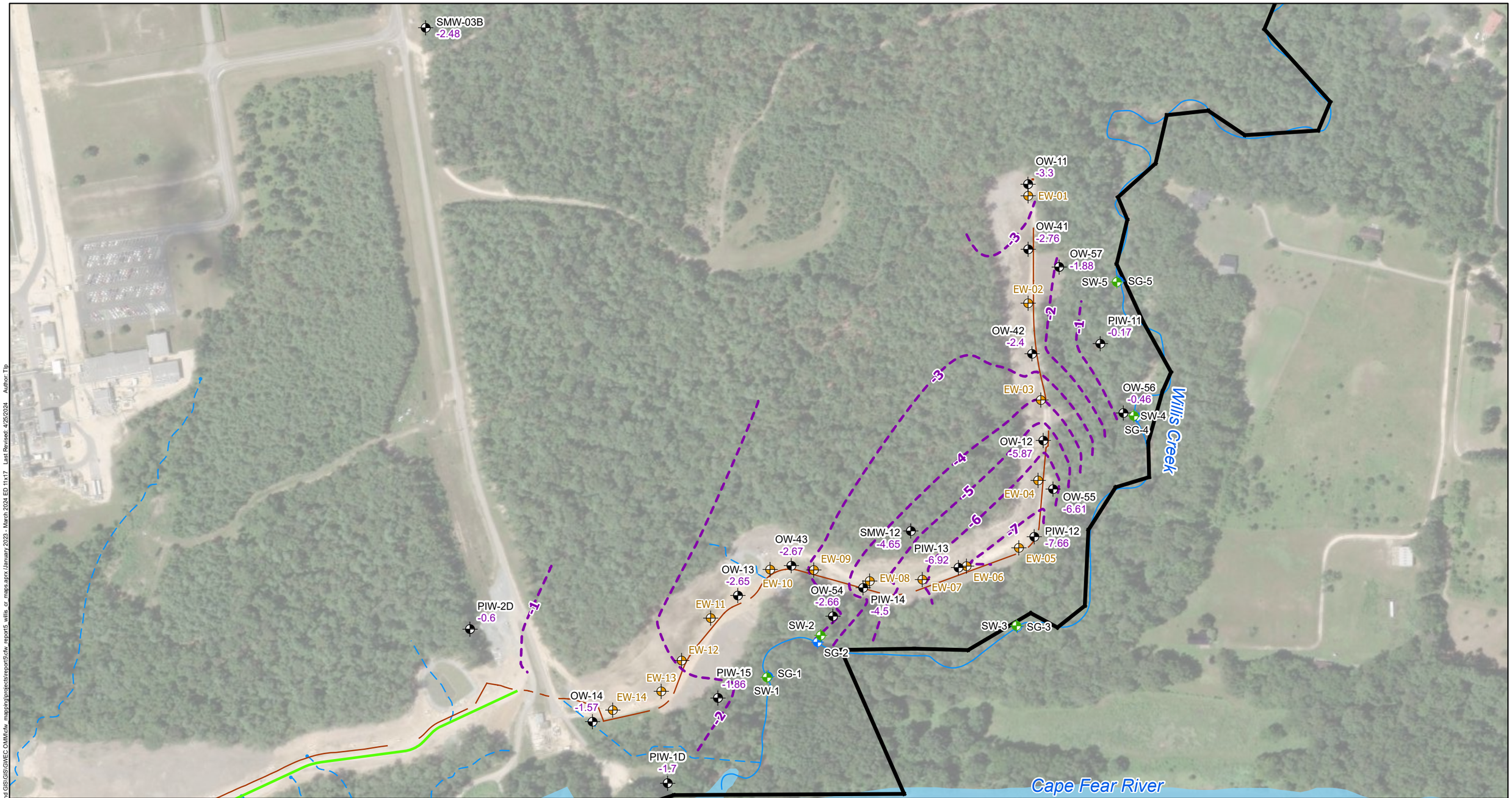
Raleigh, NC | April 2024

Figure
6-5B

Path: \\Guelph-01\Data\PRJ\Projects\TR07395\Database and GIS\GIS\GWEC.OMM\cfw_mapping\projects\report5\cfw_report5_willis_cr_maps.aprx (January 2023 - February 2024 ED 11x17 Last Revised: 4/10/2024 Author: Tlp



Legend

- Black Creek Aquifer
- Staff Gauge
- Stilling Well
- Extraction Well
- March 2024 Elevation Difference
- Barrier Wall
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. Antecedent daily total rainfall (March 24-26): 0.00 inches

N

0 250 Feet

Northern Alignment
January 2023 - March 2024
Elevation Difference

Chemours Fayetteville Works, North Carolina

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Figure 6-5C

Path: \\Gvrdsh-01\Data\PR_I\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report5\cfw_report5_willis_cr_maps.aprx / January 2023 - March 2024 ED 11x17 Last Revised: 4/25/2024 Author: Tip

SMW-03B
80
80
70
70
60
60
50
50
48
46
44
42
40
40
38
36
36
34
34
32
30
OW-11
EW-01
OW-41
OW-57
SG-05
EW-02
SW-05
35.99
PIW-11
OW-42
SW-04
35.25
EW-03
OW-56
SG-04
Willis Creek
OW-12
EW-04
OW-55
SMW-12
PIW-12
EW-05
OW-43
PIW-13
EW-10
EW-08
EW-06
EW-09
EW-07
PIW-14
OW-13
OW-54
SW-03
SG-03
PIW-2D
SW-02
SG-02
EW-11
EW-12
SG-01
EW-13
SW-01
EW-14
PIW-15
OW-14
PIW-1D
Cape Fear River

Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft January 2024 GW Elevation
- 10-ft January 2024 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

0 250 Feet N

Notes:

1. Antecedent daily total rainfall (January 28-30): 0.02 inches
2. Surficial elevations at staff gauges and stilling wells shown but not used for contouring of groundwater (GW) elevations

Northern Alignment
Potentiometric Map
January 2023 - January 2024
Chemours Fayetteville Works, North Carolina

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Raleigh, NC | April 2024

Figure 6-6A

Path: \\Guelph-01\Data\PRJ\Projects\TRO795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report5_wills_cr_maps.aprx /January 2023 - January 2024 GWE 11x17 Last Revised: 4/10/2024 Author: Tip

SMW-03B
OW-11
EW-01
OW-41
OW-57
SG-05
EW-02
SW-05
36.74
PIW-11
OW-42
EW-03
SW-04
35.73
OW-56
SG-04
Willis Creek
OW-12
EW-04
OW-55
SMW-12
PIW-12
OW-43
PIW-13
EW-08
EW-06
EW-05
EW-10
EW-09
EW-07
OW-13
PIW-14
SW-03
33.28
SW-02
OW-54
SG-03
PIW-2D
EW-11
SG-02
EW-12
SG-01
EW-13
SW-01
30.83
EW-14
PIW-15
OW-14
PIW-1D
Cape Fear River
80
70
60
50
48
46
44
42
40
38
36
34
32
30
28

Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft February 2024 GW Elevation
- 10-ft February 2024 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

0 250 Feet N

Notes:

1. Antecedent daily total rainfall (February 24-26): 0.02 inches
2. Surficial elevations at staff gauges and stilling wells shown but not used for contouring of groundwater (GW) elevations

Northern Alignment
Potentiometric Map
January 2023 - February 2024
Chemours Fayetteville Works, North Carolina

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Raleigh, NC | April 2024

Figure 6-6B

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report5\cfw_report5_wills_cr_maps.aprx /January 2023 - February 2024 GWE 11x17 Last Revised: 4/10/2024 Author: Tlp

SMW-03B
OW-11
EW-01
OW-41
OW-57
SG-05
EW-02
SW-05
36.86
PIW-11
OW-42
EW-03
SW-04
35.86
OW-56
SG-04
OW-12
EW-04
OW-55
SMW-12
PIW-12
EW-05
OW-43
PIW-13
EW-08
EW-06
EW-10
EW-09
EW-07
OW-13
PIW-14
SW-03
33.35
SG-03
PIW-2D
EW-11
SW-02
OW-54
SG-02
EW-12
SG-01
EW-13
SW-01
30.9
EW-14
PIW-15
OW-14
PIW-1D
Willis Creek
Cape Fear River
80
70
60
50
48
46
44
42
40
38
36
34
32
30
28

Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft March 2024 GW Elevation
- 10-ft March 2024 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

0 250 Feet N

Notes:

1. Antecedent daily total rainfall (March 24-26): 0.00 inches
2. Surficial elevations at staff gauges and stilling wells shown but not used for contouring of groundwater (GW) elevations

Northern Alignment
Potentiometric Map
January 2023 - March 2024
Chemours Fayetteville Works, North Carolina

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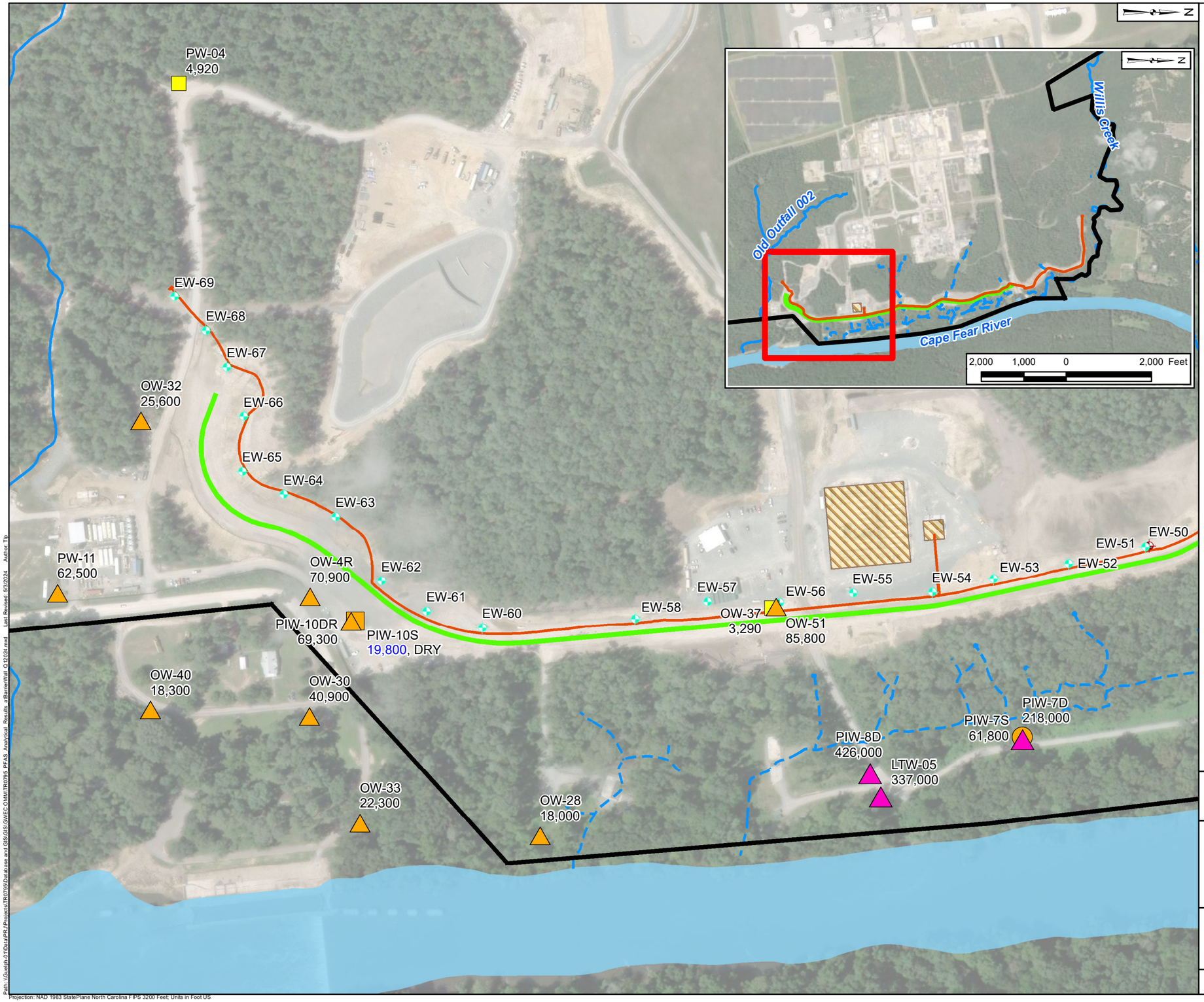
Raleigh, NC | April 2024

Figure 6-6C

Path: \\Gwleph-01\Data\PRJ\Projects\TRI0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report5_wills_cr_maps.aprx /January 2023 - March 2024 GWE 11x17 Last Revised: 4/24/2024 Author: Tlp



Legend

PFAS Sampling Location
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Surface Water

Total Table 3+ PFAS, 17 Compounds (ng/L)
- ND
- < 10
- 10 - 100
- 100 - 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1,000,000
- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet NAVD88
- 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 near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the Q3 2023 and Q1 2024 sampling performed during July 13 to August 8, 2023 (**in blue**) and January 15 to February 6, 2024 (**in black**), respectively. WC PFAS results are from the Q1 2024 sampling (**in black**) performed on February 22, 2024.
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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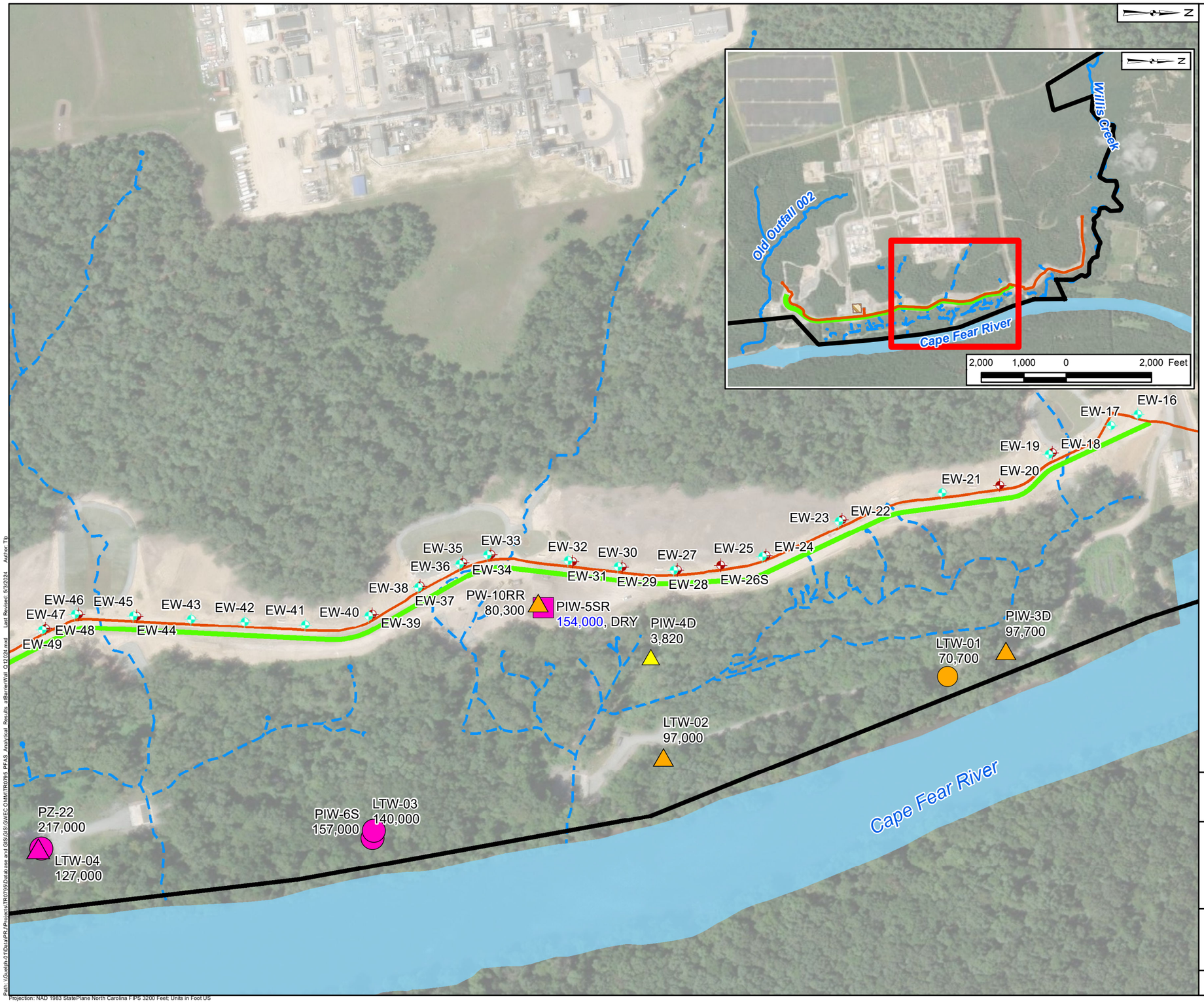
Raleigh, NC | June 2024

Figure **6-7A**

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC\MXD\TR0795_PFAS_AnalyticalResults_aBarrierWall_Q12024.mxd Last Revised: 5/3/2024 Author: Tb

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



Legend

PFAS Sampling Location
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Surface Water

Total Table 3+ PFAS, 17 Compounds (ng/L)
- ND
- < 10
- 10 - 100
- 100 - 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1,000,000
- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet NAVD88
- Seep
- Cape Fear River

Notes:
1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the Q3 2023 and Q1 2024 sampling performed during July 13 to August 8, 2023 (**in blue**) and January 15 to February 6, 2024 (**in black**), respectively. WC PFAS results are from the Q1 2024 sampling (**in black**) performed on February 22, 2024.
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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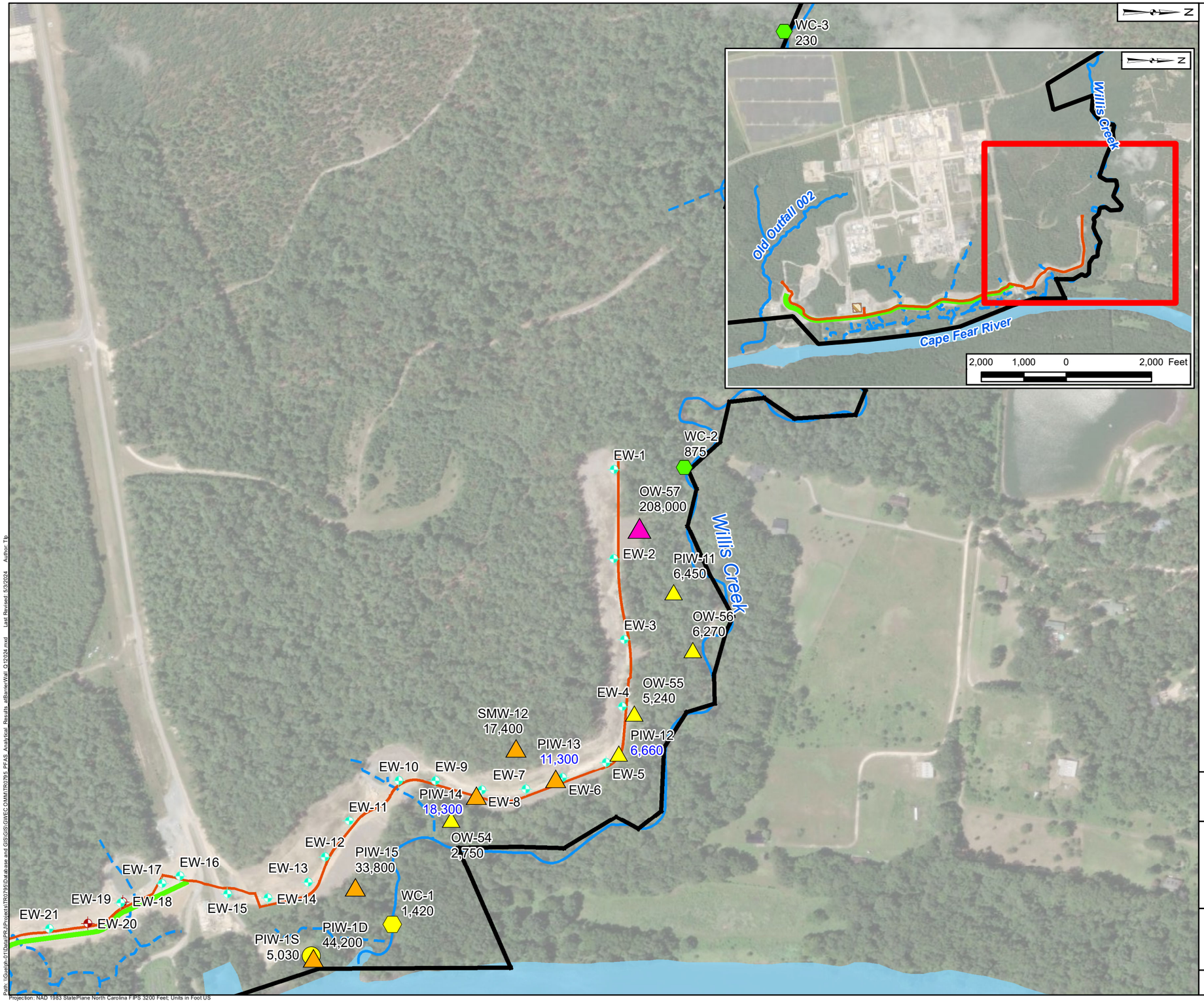
Figure **6-7B**

Path: \\Gwelph-010\data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 PFAS_Analytical_Results_atBarrierWall_Q12024.mxd Last Revised: 5/3/2024 Author: Tp

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



Legend

PFAS Sampling Location
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Surface Water

Total Table 3+ PFAS, 17 Compounds (ng/L)
- ND
- < 10
- 10 - 100
- 100 - 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1,000,000

- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet NAVD88
- Seep
- Nearby Tributary to River
- Cape Fear River

Notes:
1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the Q3 2023 and Q1 2024 sampling performed during July 13 to August 8, 2023 (**in blue**) and January 15 to February 6, 2024 (**in black**), respectively. WC PFAS results are from the Q1 2024 sampling (**in black**) performed on February 22, 2024.
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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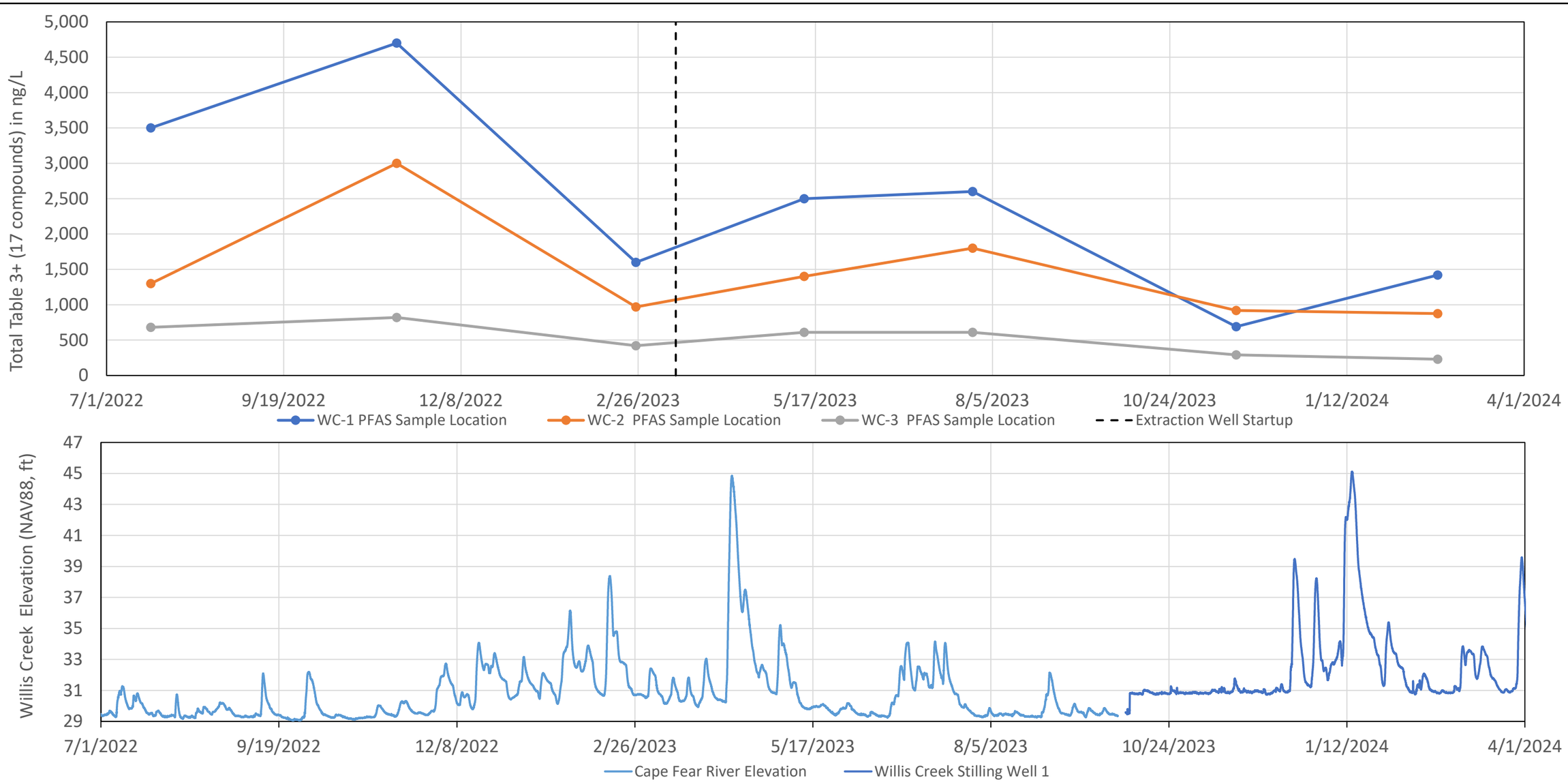
Raleigh, NC | June 2024

Figure **6-7C**

Path: \\Geleigh-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 PFAS_Analytical_Results_atBarrierWall_Q12024.mxd Last Revised: 5/3/2024 Author: Tp

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



Notes:
Stilling Wells were installed in Willis Creek (WC) in October 2023. For clarity, only WC-1 location is shown. Trends at WC-2 and WC-3 are similar.
Prior to October 2023, Cape Fear River elevation are available from the USGS Huske Lock and Dam.

Willis Creek PFAS Concentrations and Water Elevation

Chemours Fayetteville Works

Fayetteville, North Carolina

Geosyntec consultants

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Raleigh, NC | June 2024

Figure 6-8

WC-3
230

WC-2
875

Willis Creek

OW-56
6,270

PIW-11
6,450

OW-57
208,000

OW-55
5,240

PIW-12
6,660

EW-1
EW-2
EW-3
EW-4
EW-5
EW-6
EW-7
EW-8
EW-9
EW-10
EW-11
EW-12
EW-13
EW-14
EW-15
EW-16
EW-17
EW-18
EW-19
EW-20
EW-21
EW-22
EW-23
EW-24
EW-25
EW-26S
EW-27
EW-28
EW-29
EW-30
EW-31
EW-32
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EW-38
EW-39
EW-40
EW-41
EW-42
EW-43
EW-44
EW-45
EW-46
EW-47
EW-48
EW-49
EW-50
EW-51
EW-52
EW-53
EW-54
EW-55
EW-56
EW-57
EW-58
EW-60
EW-61
EW-62
EW-63
EW-64
EW-65
EW-66
EW-67
EW-68
EW-69

PIW-13
11,300

SMW-12
17,400

OW-54
2,750

PIW-14
18,300

WC-1
1,420

PIW-15
33,800

Willis Creek
Tributary Capture

PIW-1D
44,200

PIW-1S
5,030

Seep A
Tributary Capture Basin
(includes Weeps 9, 10, 11)

PIW-3D
97,700

LTW-01
70,700

LTW-02
97,000

PIW-4D
3,820

Seep-A

T1-102
ND

T1-103
ND

T1-101
ND

Transect 1

PW-10RR
80,300

PIW-5SR
154,000, DRY

T2-201
ND

T2-203
ND

T2-202
ND

Transect 2

Seep A
Capture Basin
(includes Weep 7)

LTW-03
140,000

PIW-6S
157,000

Seep-B

Seep B
Capture Basin

PZ-22
217,000

LTW-04
127,000

PIW-7D
218,000

PIW-7S
61,800

Weep 4 and 004 Trench
Drain Capture

PIW-8D
426,000

LTW-05
337,000

Seep-C

Weep 3 Capture

OW-51
85,800

OW-37
3,290

Seep-D

T3-301
ND

T3-303
ND

T3-302
ND

Transect 3

OW-28
18,000

OW-33
22,300

PIW-10S
19,800, DRY

PIW-10DR
69,300

OW-4R
70,900

OW-30
40,900

Lock and Dam Seep North

Lock and Dam Seep

OW-40
18,300

PW-04
4,920

OW-32
25,600

PW-11
62,500

1

2

N

0.5 0.25 0 0.5 Miles

GBC-5
1,500

Transect 4

T4-402
ND

T4-403
ND

T4-401
2.2

Georgia Branch Creek

500 250 0 500 Feet

250 125 0 250 Feet

Legend

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

- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Surface Water
- Site River Water Intake Location
- W.O. Huske Dam
- Flow Through Cell
- Outfall 003 Treatment System
- Ex-situ Capture Location

- Black Creek Aquifer Extraction Well
- Surficial Aquifer Extraction Well
- Surficial and Black Creek Aquifer Extraction Well
- Transect Sampling Location
- Nearby Tributary
- Observed Seep
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall
- 004 Groundwater Treatment Pad and Break Tank

Notes:
1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. PFAS results for the collection of MWs/OWs are from the Q3 2023 and Q1 2024 sampling performed during July 13 to August 8, 2023 (**in blue**) and January 15 to February 6, 2024 (**in black**), respectively. WC PFAS results are from the Q1 2024 sampling (**in black**) performed on February 22, 2024. River transect results are from sampling performed on March 12, 2024.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Cape Fear River Transect Sampling Locations and PFAS Analytical Results in Groundwater

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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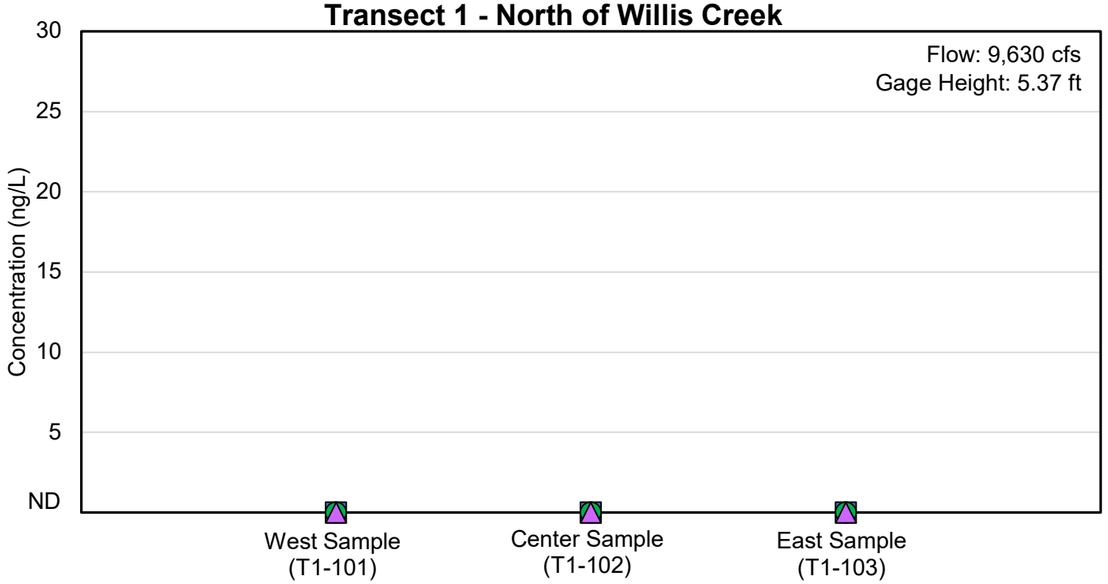
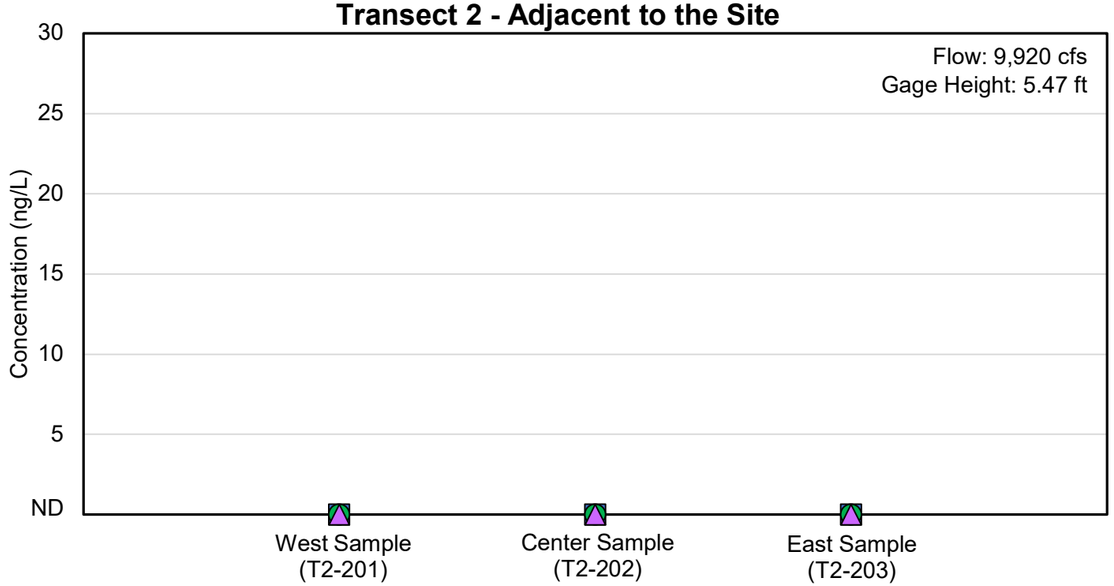
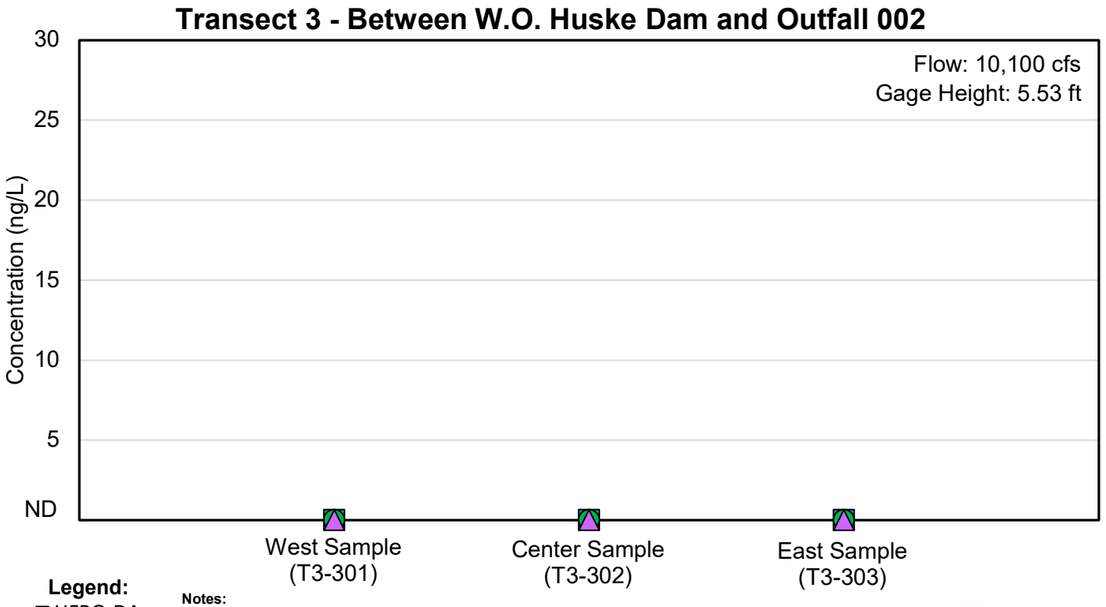
Figure 6-9

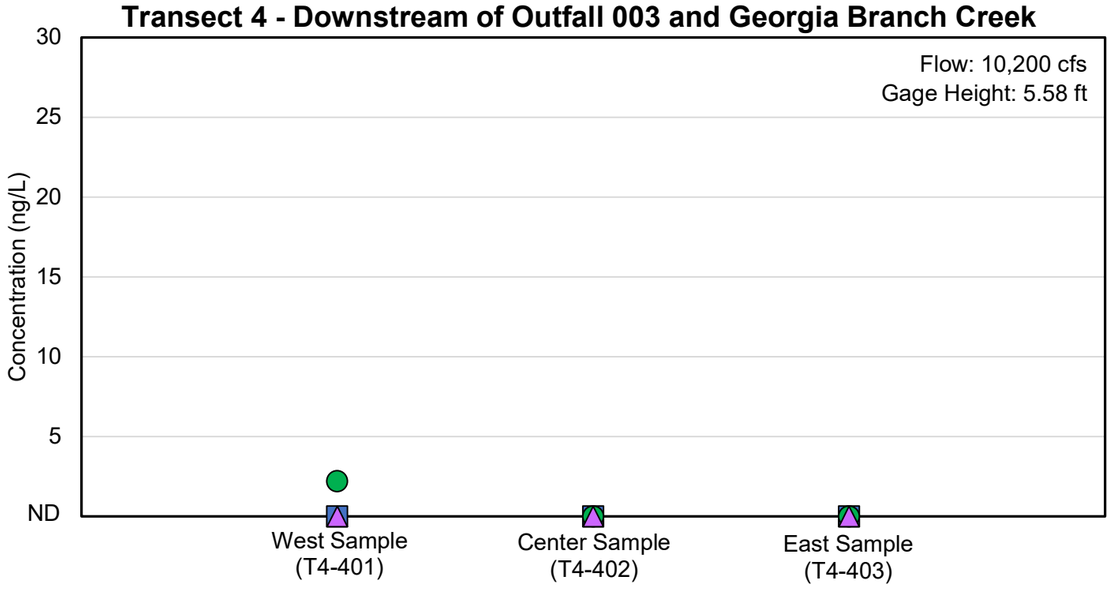
Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan TR0795_GIA\Transect Sampling Workplan_ATtachments_Response\To DEQ_Q1_2024.mxd, JKasunic, 6/4/2024

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



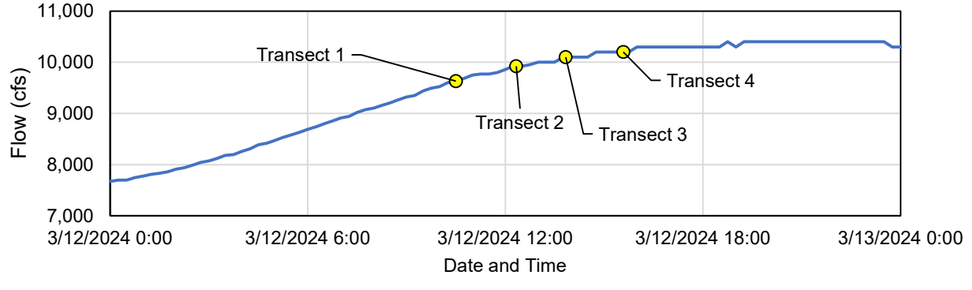






Legend:
- HFPO-DA
- PFMOAA
- PMPA

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



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects (March 2024)

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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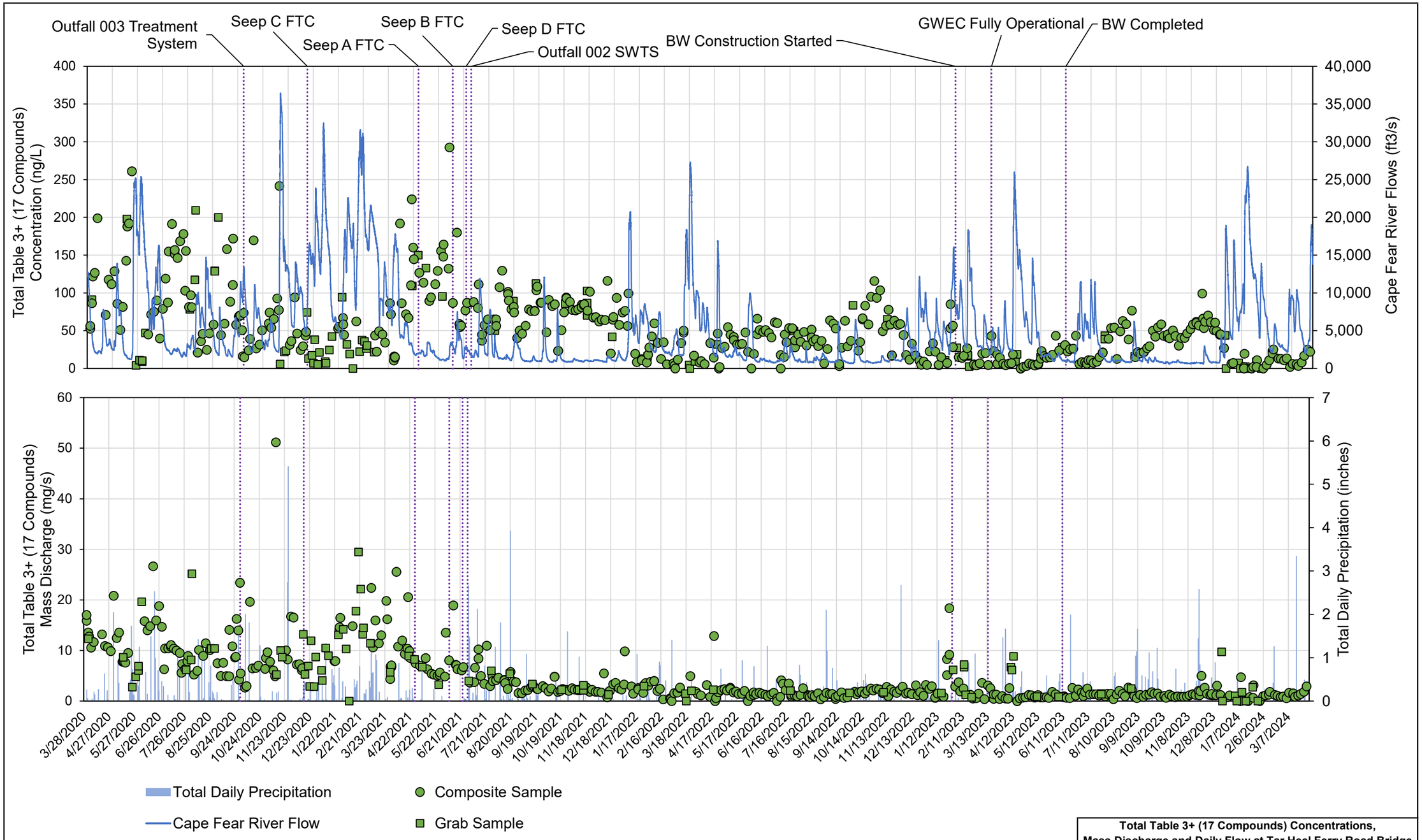
Figure
6-10



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 and precipitation data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- PFAS concentrations calculated by summing over Attachment C compounds and Table 3+ (21 compounds) are provided in Appendix B.

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.
NC License No.: C 3500 and C 295

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Figure **6-11**

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: CAP 1Q24 Sampling (selected lots)

Project Reviewer: Bridget Gavaghan

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
CAP1Q24-PIW-7D-011524	320-108762-1	Groundwater	N	01/15/2024	13:11	FS
CAP1Q24-BLADEN-1DR-011524	320-108762-10	Groundwater	N	01/15/2024	10:25	FS
CAP1Q24-EQBLK-PP-011724	320-108762-11	Blank Water	N	01/17/2024	13:00	EB
CAP1Q24-PIW-7D-011524-D	320-108762-2	Groundwater	N	01/15/2024	13:11	DUP
CAP1Q24-PIW-7S-011524	320-108762-3	Groundwater	N	01/15/2024	15:20	FS
CAP1Q24-SMW-12-011624	320-108762-4	Groundwater	N	01/16/2024	15:06	FS
CAP1Q24-LTW-04-011624	320-108762-5	Groundwater	N	01/16/2024	13:05	FS
CAP1Q24-PZ-22-011624	320-108762-6	Groundwater	N	01/16/2024	15:20	FS
CAP1Q24-PIW-1S-011624	320-108762-7	Groundwater	N	01/16/2024	15:47	FS
CAP1Q24-PW-06-011524	320-108762-8	Groundwater	N	01/15/2024	14:35	FS
CAP1Q24-LTW-05-011524	320-108762-9	Groundwater	N	01/15/2024	12:05	FS
CAP1Q24-PIW-1D-012224	320-109019-1	Groundwater	N	01/22/2024	12:04	FS
CAP1Q24-PIW-10DR-012224	320-109019-2	Groundwater	N	01/22/2024	11:00	FS
CAP1Q24-PIW-4D-012224	320-109019-3	Groundwater	N	01/22/2024	14:45	FS
CAP1Q24-PIW-8D-012224	320-109019-4	Groundwater	N	01/22/2024	13:10	FS
CAP1Q24-EQBLK-DV-012224	320-109019-5	Blank Water	N	01/22/2024	16:05	EB
CAP1Q24-EQBLK-BAILER-012224	320-109019-6	Blank Water	N	01/22/2024	16:20	EB
CAP1Q24-EQBLK-BAILER-012224-Z	320-109019-7	Blank Water	Y	01/22/2024	16:25	EB
CAP1Q24-LTW-01-011724	320-109020-1	Groundwater	N	01/17/2024	13:40	FS
CAP1Q24-LTW-02-011724	320-109020-2	Groundwater	N	01/17/2024	12:40	FS
CAP1Q24-OW-37-011724	320-109020-3	Groundwater	N	01/17/2024	10:15	FS
CAP1Q24-SMW-10-011724	320-109020-4	Groundwater	N	01/17/2024	14:39	FS
CAP1Q24-PW-04-011724	320-109020-5	Groundwater	N	01/17/2024	15:55	FS
CAP1Q24-PW-04-011724-Z	320-109020-6	Groundwater	Y	01/17/2024	15:55	FS
CAP1Q24-PIW-3D-011824	320-109020-7	Groundwater	N	01/18/2024	13:21	FS
CAP1Q24-SMW-11-011824	320-109020-8	Groundwater	N	01/18/2024	15:25	FS
CAP4Q23-OW-28-011824	320-109020-9	Groundwater	N	01/18/2024	12:06	FS
CAP1Q24-OW-32-012924	320-109381-1	Groundwater	N	01/29/2024	14:45	FS
CAP1Q24-OW-4R-012924	320-109381-2	Groundwater	N	01/29/2024	11:00	FS
CAP1Q24-OW30-013024	320-109381-3	Groundwater	N	01/30/2024	15:15	FS
CAP1Q24-OW-40-013024	320-109381-4	Groundwater	N	01/30/2024	13:45	FS
CAP1Q24-OW-33-013024	320-109381-5	Groundwater	N	01/30/2024	12:14	FS
CAP1Q24-PW-10RR-013124	320-109381-6	Groundwater	N	01/31/2024	12:35	FS
CAP1Q24-LTW-03-013124	320-109381-7	Groundwater	N	01/31/2024	11:05	FS
CAP1Q24-PIW-6S-013124	320-109381-8	Groundwater	N	01/31/2024	12:47	FS
CAP1Q24-OW-51-013124	320-109381-9	Groundwater	N	01/31/2024	12:32	FS
CAP1Q24-OW-56-020124	320-109475-1	Groundwater	N	02/01/2024	15:00	FS
CAP1Q24-PIW-11-020124	320-109475-2	Groundwater	N	02/01/2024	11:45	FS
CAP1Q24-EQBLK-BP-020224	320-109475-3	Blank Water	N	02/02/2024	10:50	EB
CAP1Q24-OW-55-020524	320-109475-4	Groundwater	N	02/05/2024	12:30	FS

CAP1Q24-PIW-15-020524	320-109475-5	Groundwater	N	02/05/2024	15:10	FS
CAP1Q24-OW-54-020624	320-109475-6	Groundwater	N	02/06/2024	11:50	FS
CAP1Q24-OW-57-020624	320-109475-7	Groundwater	N	02/06/2024	13:25	FS
CAP1Q24-WC-1-24-022224	320-109943-1	Surface Water	N	02/22/2024	09:06	FS
CAP1Q24-WC-2-24-022224	320-109943-2	Surface Water	N	02/22/2024	08:50	FS
CAP1Q24-WC-3-24-022224	320-109943-3	Surface Water	N	02/22/2024	08:27	FS
CAP1Q24-WC-3-24-022224-D	320-109943-4	Surface Water	N	02/22/2024	08:27	DUP
CAP1Q24-EQBLK-IS-022224	320-109943-5	Blank Water	N	02/22/2024	15:30	EB

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

Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 1Q24
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 1Q24

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

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 GW Sampling 1Q24 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-IS-022224	02/22/2024	320-109943-5	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-4R-012924	01/29/2024	320-109381-2	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-4R-012924	01/29/2024	320-109381-2	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **Validation Options:** LABSTATS

Validation Reason Code: Associated LCS and/or LCSD analysis had relative percent recovery (RPR) values less than the lower control limit but above 10%. 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
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-EQBLK-BP-020224	02/02/2024	320-109475-3	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	PS Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	EVE Acid	0.050	UG/L	PQL		0.050	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	Perfluorononanoic Acid	0.034	UG/L	PQL		0.034	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-BLADEN-1DR-011524	01/15/2024	320-108762-10	PPF Acid	0.31	UG/L	PQL		0.31	UJ	537 Modified		3535
CAP1Q24-BLADEN-1DR-011524	01/15/2024	320-108762-10	PPF Acid	0.31	UG/L	PQL		0.31	UJ	537 Modified		3535
CAP1Q24-PZ-22-011624	01/16/2024	320-108762-6	6:2 Fluorotelomer sulfonate	0.31	ug/L	PQL		0.31	UJ	537 Modified		3535
CAP1Q24-PIW-7D-011524-D	01/15/2024	320-108762-2	6:2 Fluorotelomer sulfonate	0.31	ug/L	PQL		0.31	UJ	537 Modified		3535
CAP1Q24-PW-06-011524	01/15/2024	320-108762-8	6:2 Fluorotelomer sulfonate	0.31	ug/L	PQL		0.31	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP SW Sampling 1Q24 **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
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	PMPA	0.083	UG/L	PQL		0.0034	J	537 Modified		3535
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	Hfpo Dimer Acid	0.050	UG/L	PQL		0.015	J	537 Modified		3535
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	R-PSDA	0.0033	UG/L	PQL		0.0028	J	537 Modified		3535
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	Perfluorobutane Sulfonic Acid	0.0043	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	PFO2HxA	0.044	ug/L	PQL		0.0055	J	537 Modified		3535
CAP1Q24-WC-3-24-022224	02/22/2024	320-109943-3	PFMOAA	0.022	ug/L	PQL		0.0041	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	PMPA	0.14	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	Hfpo Dimer Acid	0.094	UG/L	PQL		0.0040	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	R-PSDA	0.0092	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	Perfluorobutane Sulfonic Acid	0.0064	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	PFO2HxA	0.086	ug/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	PFMOAA	0.038	ug/L	PQL		0.0020	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PIW-7D-011524-D	01/15/2024	320-108762-2	PPF Acid	73	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PZ-22-011624	01/16/2024	320-108762-6	PPF Acid	72	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PIW-7D-011524	01/15/2024	320-108762-1	PPF Acid	71	UG/L	PQL		0.31	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	R-PSDA	0.30	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	Hydrolyzed PSDA	0.85	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	R-EVE	0.11	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	R-PSDA	0.12	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	R-PSDA	0.12	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	Hydrolyzed PSDA	0.088	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	Hydrolyzed PSDA	0.088	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	R-EVE	0.088	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-SMW-11-011824	01/18/2024	320-109020-8	R-EVE	0.088	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-WC-1-24-022224	02/22/2024	320-109943-1	R-PSDA	0.036	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-1-24-022224	02/22/2024	320-109943-1	Hydrolyzed PSDA	0.16	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-1-24-022224	02/22/2024	320-109943-1	R-EVE	0.018	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-2-24-022224	02/22/2024	320-109943-2	R-PSDA	0.012	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-2-24-022224	02/22/2024	320-109943-2	Hydrolyzed PSDA	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-2-24-022224	02/22/2024	320-109943-2	R-EVE	0.0077	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-WC-3-24-022224-D	02/22/2024	320-109943-4	R-EVE	0.0046	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-PW-04-011724	01/17/2024	320-109020-5	R-PSDA	0.13	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-04-011724	01/17/2024	320-109020-5	R-PSDA	0.13	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-04-011724	01/17/2024	320-109020-5	R-EVE	0.066	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PW-04-011724	01/17/2024	320-109020-5	R-EVE	0.066	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PW-04-011724-Z	01/17/2024	320-109020-6	R-PSDA	0.13	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-04-011724-Z	01/17/2024	320-109020-6	R-PSDA	0.13	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-04-011724-Z	01/17/2024	320-109020-6	R-EVE	0.065	UG/L	PQL		0.039	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PW-04-011724-Z	01/17/2024	320-109020-6	R-EVE	0.065	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	R-PSDA	0.084	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	Hydrolyzed PSDA	0.084	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	R-EVE	0.12	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	R-PSDA	0.78	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	R-PSDA	0.78	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	Hydrolyzed PSDA	0.47	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	Hydrolyzed PSDA	0.47	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	R-EVE	0.39	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-3D-011824	01/18/2024	320-109020-7	R-EVE	0.39	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	R-PSDA	0.73	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	Hydrolyzed PSDA	4.3	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	R-EVE	0.36	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	R-PSDA	0.19	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-15-020524	02/05/2024	320-109475-5	R-EVE	0.13	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	R-PSDA	0.23	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	Hydrolyzed PSDA	2.8	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-11-020124	02/01/2024	320-109475-2	R-EVE	0.077	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	R-PSDA	0.34	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	Hydrolyzed PSDA	0.52	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	R-EVE	0.27	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	R-PSDA	0.14	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-56-020124	02/01/2024	320-109475-1	R-EVE	0.11	UG/L	PQL		0.039	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	R-PSDA	1.2	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	Hydrolyzed PSDA	15	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	R-EVE	0.21	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	R-PSDA	0.10	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-55-020524	02/05/2024	320-109475-4	R-EVE	0.085	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	R-PSDA	0.078	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-54-020624	02/06/2024	320-109475-6	R-EVE	0.042	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	R-PSDA	0.65	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	Hydrolyzed PSDA	1.4	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	R-EVE	0.70	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-4R-012924	01/29/2024	320-109381-2	R-PSDA	0.57	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-4R-012924	01/29/2024	320-109381-2	Hydrolyzed PSDA	2.3	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-4R-012924	01/29/2024	320-109381-2	R-EVE	0.39	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-37-011724	01/17/2024	320-109020-3	R-PSDA	0.10	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-37-011724	01/17/2024	320-109020-3	R-PSDA	0.10	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-37-011724	01/17/2024	320-109020-3	Hydrolyzed PSDA	0.083	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-37-011724	01/17/2024	320-109020-3	Hydrolyzed PSDA	0.083	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	R-PSDA	0.20	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	Hydrolyzed PSDA	0.065	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	R-EVE	0.10	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	R-PSDA	0.21	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	Hydrolyzed PSDA	0.038	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	R-EVE	0.14	UG/L	PQL		0.039	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PZ-22-011624	01/16/2024	320-108762-6	R-PSDA	0.44	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PZ-22-011624	01/16/2024	320-108762-6	Hydrolyzed PSDA	1.1	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PZ-22-011624	01/16/2024	320-108762-6	R-EVE	0.30	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-28-011824	01/18/2024	320-109020-9	R-PSDA	0.28	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-28-011824	01/18/2024	320-109020-9	R-PSDA	0.28	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-28-011824	01/18/2024	320-109020-9	R-EVE	0.12	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-28-011824	01/18/2024	320-109020-9	R-EVE	0.12	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	R-PSDA	0.22	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	Hydrolyzed PSDA	0.65	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-OW-32-012924	01/29/2024	320-109381-1	R-EVE	0.14	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	R-PSDA	0.77	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	Hydrolyzed PSDA	5.3	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	R-EVE	0.32	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-7S-011524	01/15/2024	320-108762-3	R-PSDA	0.79	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-7S-011524	01/15/2024	320-108762-3	Hydrolyzed PSDA	0.045	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-7S-011524	01/15/2024	320-108762-3	R-EVE	0.88	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PW-06-011524	01/15/2024	320-108762-8	R-PSDA	0.042	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-SMW-12-011624	01/16/2024	320-108762-4	R-PSDA	0.065	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-SMW-12-011624	01/16/2024	320-108762-4	R-EVE	0.045	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-10DR-012224	01/22/2024	320-109019-2	R-PSDA	0.61	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-10DR-012224	01/22/2024	320-109019-2	Hydrolyzed PSDA	2.3	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-10DR-012224	01/22/2024	320-109019-2	R-EVE	0.40	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-1D-012224	01/22/2024	320-109019-1	R-PSDA	0.38	UG/L	PQL		0.035	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PIW-1D-012224	01/22/2024	320-109019-1	R-EVE	0.18	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-4D-012224	01/22/2024	320-109019-3	R-PSDA	0.020	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-PIW-4D-012224	01/22/2024	320-109019-3	Hydrolyzed PSDA	0.080	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-PIW-4D-012224	01/22/2024	320-109019-3	R-EVE	0.012	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q24-PIW-8D-012224	01/22/2024	320-109019-4	R-PSDA	2.6	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-8D-012224	01/22/2024	320-109019-4	Hydrolyzed PSDA	5.3	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-8D-012224	01/22/2024	320-109019-4	R-EVE	2.3	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	R-PSDA	0.83	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	R-PSDA	0.83	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	Hydrolyzed PSDA	0.083	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	Hydrolyzed PSDA	0.083	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	R-EVE	0.31	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-01-011724	01/17/2024	320-109020-1	R-EVE	0.31	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	R-PSDA	0.78	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	R-PSDA	0.78	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	Hydrolyzed PSDA	1.8	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	Hydrolyzed PSDA	1.8	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	R-EVE	0.44	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-02-011724	01/17/2024	320-109020-2	R-EVE	0.44	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-04-011624	01/16/2024	320-108762-5	R-PSDA	1.4	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-LTW-04-011624	01/16/2024	320-108762-5	Hydrolyzed PSDA	2.8	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-04-011624	01/16/2024	320-108762-5	R-EVE	1.1	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-LTW-05-011524	01/15/2024	320-108762-9	R-PSDA	1.3	UG/L	PQL		0.035	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-LTW-05-011524	01/15/2024	320-108762-9	Hydrolyzed PSDA	2.6	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-LTW-05-011524	01/15/2024	320-108762-9	R-EVE	1.5	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-1S-011624	01/16/2024	320-108762-7	R-PSDA	0.11	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-7D-011524	01/15/2024	320-108762-1	R-PSDA	0.57	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-7D-011524	01/15/2024	320-108762-1	Hydrolyzed PSDA	1.1	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-7D-011524	01/15/2024	320-108762-1	R-EVE	0.54	UG/L	PQL		0.039	J	537 Modified		3535
CAP1Q24-PIW-7D-011524-D	01/15/2024	320-108762-2	R-PSDA	0.56	UG/L	PQL		0.035	J	537 Modified		3535
CAP1Q24-PIW-7D-011524-D	01/15/2024	320-108762-2	Hydrolyzed PSDA	1.1	UG/L	PQL		0.034	J	537 Modified		3535
CAP1Q24-PIW-7D-011524-D	01/15/2024	320-108762-2	R-EVE	0.60	UG/L	PQL		0.039	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	Perfluoropentanoic Acid	0.23	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	PS Acid	0.097	UG/L	PQL		0.050	J	537 Modified		3535
CAP1Q24-PW-11-013124	01/31/2024	320-109381-10	Perfluoroheptanoic Acid	0.11	UG/L	PQL		0.031	J	537 Modified		3535
CAP1Q24-PW-10RR-013124	01/31/2024	320-109381-6	Perfluoropentanoic Acid	0.52	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-PIW-6S-013124	01/31/2024	320-109381-8	Perfluoropentanoic Acid	0.76	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-OW30-013024	01/30/2024	320-109381-3	Perfluoropentanoic Acid	0.46	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-OW-57-020624	02/06/2024	320-109475-7	PS Acid	0.33	UG/L	PQL		0.050	J	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	Perfluoroheptanoic Acid	0.20	UG/L	PQL		0.031	J	537 Modified		3535
CAP1Q24-OW-51-013124	01/31/2024	320-109381-9	Perfluoropentanoic Acid	1.4	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-OW-40-013024	01/30/2024	320-109381-4	Perfluoropentanoic Acid	0.075	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-OW-33-013024	01/30/2024	320-109381-5	Perfluoropentanoic Acid	0.12	UG/L	PQL		0.061	J	537 Modified		3535
CAP1Q24-LTW-03-013124	01/31/2024	320-109381-7	Perfluoropentanoic Acid	0.56	UG/L	PQL		0.061	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q24 **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
CAP1Q24-PW-06-011524	01/15/2024	320-108762-8	PPF Acid	0.95	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PW-06-011524	01/15/2024	320-108762-8	PPF Acid	0.59	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PW-06-011524	01/15/2024	320-108762-8	PFMOAA	0.13	ug/L	PQL		0.051	J	537 Modified		3535
CAP1Q24-PIW-7S-011524	01/15/2024	320-108762-3	PPF Acid	17	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PIW-7S-011524	01/15/2024	320-108762-3	PPF Acid	11	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-SMW-12-011624	01/16/2024	320-108762-4	PPF Acid	6.4	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-SMW-12-011624	01/16/2024	320-108762-4	PPF Acid	4.0	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-LTW-04-011624	01/16/2024	320-108762-5	PPF Acid	43	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-LTW-04-011624	01/16/2024	320-108762-5	PPF Acid	28	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PIW-1S-011624	01/16/2024	320-108762-7	PPF Acid	1.3	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PIW-1S-011624	01/16/2024	320-108762-7	PPF Acid	0.79	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q24-PIW-1S-011624	01/16/2024	320-108762-7	PFMOAA	0.39	ug/L	PQL		0.051	J	537 Modified		3535

ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Sampling 1Q24 (update 3)

Project Reviewer: Bridget Gavaghan & Michael Aucoin

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-INFLUENT-24-010624	320-108586-1	Surface Water	N	01/06/2024	23:00	FS
SEEP-C-INFLUENT-TSS-010824	320-108586-10	Surface Water	N	01/08/2024	10:50	FS
SEEP-C-EFFLUENT-TSS-010824	320-108586-11	Surface Water	N	01/08/2024	10:55	FS
SEEP-A-INFLUENT-24-010624-D	320-108586-2	Surface Water	N	01/06/2024	23:00	DUP
SEEP-A-EFFLUENT-24-010624	320-108586-3	Surface Water	N	01/06/2024	23:00	FS
SEEP-C-INFLUENT-24-010624	320-108586-4	Surface Water	N	01/06/2024	23:00	FS
SEEP-C-EFFLUENT-24-010624	320-108586-5	Surface Water	N	01/06/2024	23:00	FS
SEEP-EB-010824	320-108586-6	Blank Water	N	01/08/2024	09:50	EB
SEEP-FB-010824	320-108586-7	Blank Water	N	01/08/2024	09:55	FB
SEEP-A-INFLUENT-TSS-010824	320-108586-8	Surface Water	N	01/08/2024	11:35	FS
SEEP-A-EFFLUENT-TSS-010824	320-108586-9	Surface Water	N	01/08/2024	11:40	FS
SEEP-A-INFLUENT-24-011024	320-108628-1	Surface Water	N	01/10/2024	12:00	FS
SEEP-A-EFFLUENT-24-011024	320-108628-2	Surface Water	N	01/10/2024	12:00	FS
SEEP-B-INFLUENT-24-011024	320-108628-3	Surface Water	N	01/10/2024	12:00	FS
SEEP-B-EFFLUENT-24-011024	320-108628-4	Surface Water	N	01/10/2024	12:00	FS
SEEP-C-INFLUENT-24-011024	320-108628-5	Surface Water	N	01/10/2024	12:00	FS
SEEP-C-EFFLUENT-24-011024	320-108628-6	Surface Water	N	01/10/2024	12:00	FS
SEEP-D-INFLUENT-24-011024	320-108628-7	Surface Water	N	01/10/2024	12:00	FS
SEEP-D-EFFLUENT-24-011024	320-108628-8	Surface Water	N	01/10/2024	12:00	FS
SEEP-A-INFLUENT-TSS-011024	320-108630-1	Surface Water	N	01/10/2024	12:10	FS
SEEP-A-EFFLUENT-TSS-011024	320-108630-2	Surface Water	N	01/10/2024	12:15	FS
SEEP-B-INFLUENT-TSS-011024	320-108630-3	Surface Water	N	01/10/2024	12:40	FS
SEEP-B-EFFLUENT-TSS-011024	320-108630-4	Surface Water	N	01/10/2024	12:45	FS
SEEP-C-INFLUENT-TSS-011024	320-108630-5	Surface Water	N	01/10/2024	13:20	FS
SEEP-C-EFFLUENT-TSS-011024	320-108630-6	Surface Water	N	01/10/2024	13:25	FS
SEEP-D-INFLUENT-TSS-011024	320-108630-7	Surface Water	N	01/10/2024	13:40	FS
SEEP-D-EFFLUENT-TSS-011024	320-108630-8	Surface Water	N	01/10/2024	13:45	FS
SEEP-A-INFLUENT-24-012024	320-108999-1	Surface Water	N	01/20/2024	23:00	FS
SEEP-A-EFFLUENT-24-012024	320-108999-2	Surface Water	N	01/20/2024	23:00	FS
SEEP-B-INFLUENT-24-012024	320-108999-3	Surface Water	N	01/20/2024	23:00	FS
SEEP-B-EFFLUENT-24-012024	320-108999-4	Surface Water	N	01/20/2024	23:00	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-24-012024	320-108999-5	Surface Water	N	01/20/2024	23:00	FS
SEEP-C-EFFLUENT-24-012024	320-108999-6	Surface Water	N	01/20/2024	23:00	FS
SEEP-D-INFLUENT-24-012024	320-108999-7	Surface Water	N	01/20/2024	23:00	FS
SEEP-D-EFFLUENT-24-012024	320-108999-8	Surface Water	N	01/20/2024	23:00	FS
SEEP-A-INFLUENT-TSS-012324	320-109093-1	Surface Water	N	01/23/2024	09:20	FS
SEEP-B-INFLUENT-TSS-012324	320-109093-2	Surface Water	N	01/23/2024	09:40	FS
SEEP-C-INFLUENT-TSS-012324	320-109093-3	Surface Water	N	01/23/2024	10:05	FS
SEEP-D-INFLUENT-TSS-012324	320-109093-4	Surface Water	N	01/23/2024	10:25	FS
SEEP-A-EFFLUENT-TSS-012324	320-109093-5	Surface Water	N	01/23/2024	09:25	FS
SEEP-B-EFFLUENT-TSS-012324	320-109093-6	Surface Water	N	01/23/2024	09:45	FS
SEEP-C-EFFLUENT-TSS-012324	320-109093-7	Surface Water	N	01/23/2024	10:10	FS
SEEP-D-EFFLUENT-TSS-012324	320-109093-8	Surface Water	N	01/23/2024	10:20	FS
SEEP-B-INFLUENT-24-012524	320-109165-1	Surface Water	N	01/25/2024	09:00	FS
SEEP-B-EFFLUENT-24-012524	320-109165-2	Surface Water	N	01/25/2024	09:00	FS
SEEP-D-INFLUENT-24-012524	320-109165-3	Surface Water	N	01/25/2024	09:00	FS
SEEP-D-EFFLUENT-24-012524	320-109165-4	Surface Water	N	01/25/2024	09:00	FS
SEEP-B-INFLUENT-TSS-012524	320-109165-5	Surface Water	N	01/25/2024	11:10	FS
SEEP-B-EFFLUENT-TSS-012524	320-109165-6	Surface Water	N	01/25/2024	11:15	FS
SEEP-D-INFLUENT-TSS-012524	320-109165-7	Surface Water	N	01/25/2024	10:40	FS
SEEP-D-EFFLUENT-TSS-012524	320-109165-8	Surface Water	N	01/25/2024	10:45	FS
SEEP-A-INFLUENT-24-013124	320-109311-1	Surface Water	N	01/31/2024	07:30	FS
SEEP-A-EFFLUENT-24-013124	320-109311-2	Surface Water	N	01/31/2024	07:30	FS
SEEP-B-INFLUENT-24-013124	320-109311-3	Surface Water	N	01/31/2024	07:30	FS
SEEP-B-EFFLUENT-24-013124	320-109311-4	Surface Water	N	01/31/2024	07:30	FS
SEEP-C-INFLUENT-24-013124	320-109311-5	Surface Water	N	01/31/2024	07:30	FS
SEEP-C-EFFLUENT-24-013124	320-109311-6	Surface Water	N	01/31/2024	07:30	FS
SEEP-D-INFLUENT-24-013124	320-109311-7	Surface Water	N	01/31/2024	07:30	FS
SEEP-D-EFFLUENT-24-013124	320-109311-8	Surface Water	N	01/31/2024	07:30	FS
SEEP-A-INFLUENT-TSS-013124	320-109313-1	Surface Water	N	01/31/2024	08:40	FS
SEEP-B-INFLUENT-TSS-013124	320-109313-2	Surface Water	N	01/31/2024	11:50	FS
SEEP-C-INFLUENT-TSS-013124	320-109313-3	Surface Water	N	01/31/2024	12:00	FS
SEEP-D-INFLUENT-TSS-013124	320-109313-4	Surface Water	N	01/31/2024	09:35	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-A-EFFLUENT-TSS-013124	320-109313-5	Surface Water	N	01/31/2024	08:45	FS
SEEP-B-EFFLUENT-TSS-013124	320-109313-6	Surface Water	N	01/31/2024	11:55	FS
SEEP-C-EFFLUENT-TSS-013124	320-109313-7	Surface Water	N	01/31/2024	12:05	FS
SEEP-D-EFFLUENT-TSS-013124	320-109313-8	Surface Water	N	01/31/2024	09:40	FS
SEEP-A-INFLUENT-24-020124	320-109349-1	Surface Water	N	02/01/2024	07:38	FS
SEEP-A-EFFLUENT-24-020124	320-109349-2	Surface Water	N	02/01/2024	07:40	FS
SEEP-B-INFLUENT-24-020124	320-109349-3	Surface Water	N	02/01/2024	07:15	FS
SEEP-B-EFFLUENT-24-020124	320-109349-4	Surface Water	N	02/01/2024	07:12	FS
SEEP-C-INFLUENT-24-020124	320-109349-5	Surface Water	N	02/01/2024	06:58	FS
SEEP-C-EFFLUENT-24-020124	320-109349-6	Surface Water	N	02/01/2024	07:04	FS
SEEP-D-INFLUENT-24-020124	320-109349-7	Surface Water	N	02/01/2024	06:47	FS
SEEP-D-EFFLUENT-24-020124	320-109349-8	Surface Water	N	02/01/2024	06:46	FS
SEEP-A-INFLUENT-TSS-021324	320-109661-1	Surface Water	N	02/13/2024	09:50	FS
SEEP-B-INFLUENT-TSS-021324	320-109661-2	Surface Water	N	02/13/2024	10:30	FS
SEEP-C-INFLUENT-TSS-021324	320-109661-3	Surface Water	N	02/13/2024	10:40	FS
SEEP-D-INFLUENT-TSS-021324	320-109661-4	Surface Water	N	02/13/2024	11:00	FS
SEEP-A-EFFLUENT-TSS-021324	320-109661-5	Surface Water	N	02/13/2024	09:55	FS
SEEP-B-EFFLUENT-TSS-021324	320-109661-6	Surface Water	N	02/13/2024	10:35	FS
SEEP-C-EFFLUENT-TSS-021324	320-109661-7	Surface Water	N	02/13/2024	10:45	FS
SEEP-D-EFFLUENT-TSS-021324	320-109661-8	Surface Water	N	02/13/2024	11:05	FS
SEEP-A-INFLUENT-24-021324	320-109662-1	Surface Water	N	02/13/2024	00:44	FS
SEEP-FB-021324	320-109662-10	Blank Water	N	02/13/2024	09:40	FB
SEEP-EB-021324	320-109662-11	Blank Water	N	02/13/2024	09:45	EB
SEEP-A-EFFLUENT-24-021324	320-109662-2	Surface Water	N	02/13/2024	01:07	FS
SEEP-A-EFFLUENT-24-021324-D	320-109662-3	Surface Water	N	02/13/2024	01:07	DUP
SEEP-B-INFLUENT-24-021324	320-109662-4	Water	N	02/13/2024	00:26	FS
SEEP-B-EFFLUENT-24-021324	320-109662-5	Water	N	02/13/2024	00:56	FS
SEEP-C-INFLUENT-24-021324	320-109662-6	Surface Water	N	02/13/2024	01:00	FS
SEEP-C-EFFLUENT-24-021324	320-109662-7	Surface Water	N	02/13/2024	01:02	FS
SEEP-D-INFLUENT-24-021324	320-109662-8	Water	N	02/13/2024	01:17	FS
SEEP-D-EFFLUENT-24-021324	320-109662-9	Water	N	02/13/2024	01:43	FS
SEEP-A-INFLUENT-TSS-021524	320-109793-1	Surface Water	N	02/15/2024	12:30	FS
SEEP-B-INFLUENT-TSS-021524	320-109793-2	Surface Water	N	02/15/2024	12:50	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-TSS-021524	320-109793-3	Surface Water	N	02/15/2024	13:00	FS
SEEP-D-INFLUENT-TSS-021524	320-109793-4	Surface Water	N	02/15/2024	13:10	FS
SEEP-A-EFFLUENT-TSS-021524	320-109793-5	Surface Water	N	02/15/2024	12:35	FS
SEEP-B-EFFLUENT-TSS-021524	320-109793-6	Surface Water	N	02/15/2024	12:55	FS
SEEP-C-EFFLUENT-TSS-021524	320-109793-7	Surface Water	N	02/15/2024	13:05	FS
SEEP-D-EFFLUENT-TSS-021524	320-109793-8	Surface Water	N	02/15/2024	13:15	FS
SEEP-A-INFLUENT-24-021424	320-109798-1	Surface Water	N	02/14/2024	12:00	FS
SEEP-A-EFFLUENT-24-021424	320-109798-2	Surface Water	N	02/14/2024	12:00	FS
SEEP-B-INFLUENT-24-021424	320-109798-3	Surface Water	N	02/14/2024	12:00	FS
SEEP-B-EFFLUENT-24-021424	320-109798-4	Surface Water	N	02/14/2024	12:00	FS
SEEP-C-INFLUENT-24-021424	320-109798-5	Surface Water	N	02/14/2024	12:00	FS
SEEP-C-EFFLUENT-24-021424	320-109798-6	Surface Water	N	02/14/2024	12:00	FS
SEEP-D-INFLUENT-24-021424	320-109798-7	Surface Water	N	02/14/2024	12:00	FS
SEEP-D-EFFLUENT-24-021424	320-109798-8	Surface Water	N	02/14/2024	12:00	FS
SEEP-C-INFLUENT-24-022424	320-110063-1	Surface Water	N	02/24/2024	05:23	FS
SEEP-C-EFFLUENT-24-022424	320-110063-2	Surface Water	N	02/24/2024	05:33	FS
SEEP-A-INFLUENT-TSS-030424	320-110219-1	Surface Water	N	03/04/2024	08:20	FS
SEEP-B-INFLUENT-TSS-030424	320-110219-2	Surface Water	N	03/04/2024	08:55	FS
SEEP-C-INFLUENT-TSS-030424	320-110219-3	Surface Water	N	03/04/2024	09:25	FS
SEEP-D-INFLUENT-TSS-030424	320-110219-4	Surface Water	N	03/04/2024	09:50	FS
SEEP-A-EFFLUENT-TSS-030424	320-110219-5	Surface Water	N	03/04/2024	08:25	FS
SEEP-B-EFFLUENT-TSS-030424	320-110219-6	Surface Water	N	03/04/2024	09:00	FS
SEEP-C-EFFLUENT-TSS-030424	320-110219-7	Surface Water	N	03/04/2024	09:30	FS
SEEP-D-EFFLUENT-TSS-030424	320-110219-8	Surface Water	N	03/04/2024	09:55	FS
SEEP-A-INFLUENT-24-030224	320-110221-1	Surface Water	N	03/02/2024	18:03	FS
SEEP-FB-030424	320-110221-10	Blank Water	N	03/04/2024	08:20	FB
SEEP-EB-030424	320-110221-11	Blank Water	N	03/04/2024	08:25	EB
SEEP-A-INFLUENT-24-030224-D	320-110221-2	Surface Water	N	03/02/2024	18:03	DUP
SEEP-A-EFFLUENT-24-030224	320-110221-3	Surface Water	N	03/02/2024	18:45	FS
SEEP-B-INFLUENT-24-030224	320-110221-4	Surface Water	N	03/02/2024	16:20	FS
SEEP-B-EFFLUENT-24-030224	320-110221-5	Surface Water	N	03/02/2024	18:10	FS
SEEP-C-INFLUENT-24-030224	320-110221-6	Surface Water	N	03/02/2024	18:00	FS
SEEP-C-EFFLUENT-24-030224	320-110221-7	Surface Water	N	03/02/2024	18:06	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-D-INFLUENT-24-030224	320-110221-8	Surface Water	N	03/02/2024	18:03	FS
SEEP-D-EFFLUENT-24-030224	320-110221-9	Surface Water	N	03/02/2024	18:18	FS
SEEP-A-INFLUENT-24-030724	320-110365-1	Surface Water	N	03/07/2024	09:50	FS
SEEP-A-EFFLUENT-24-030724	320-110365-2	Surface Water	N	03/07/2024	09:54	FS
SEEP-B-INFLUENT-24-030724	320-110365-3	Surface Water	N	03/07/2024	09:42	FS
SEEP-B-EFFLUENT-24-030724	320-110365-4	Surface Water	N	03/07/2024	09:54	FS
SEEP-C-INFLUENT-24-030724	320-110365-5	Surface Water	N	03/07/2024	09:46	FS
SEEP-C-EFFLUENT-24-030724	320-110365-6	Surface Water	N	03/07/2024	09:45	FS
SEEP-D-INFLUENT-24-030724	320-110365-7	Surface Water	N	03/07/2024	09:55	FS
SEEP-D-EFFLUENT-24-030724	320-110365-8	Surface Water	N	03/07/2024	09:59	FS
SEEP-A-INFLUENT-TSS-030724	320-110385-1	Surface Water	N	03/07/2024	10:25	FS
SEEP-B-INFLUENT-TSS-030724	320-110385-2	Surface Water	N	03/07/2024	11:00	FS
SEEP-C-INFLUENT-TSS-030724	320-110385-3	Surface Water	N	03/07/2024	11:10	FS
SEEP-D-INFLUENT-TSS-030724	320-110385-4	Surface Water	N	03/07/2024	11:20	FS
SEEP-A-EFFLUENT-TSS-030724	320-110385-5	Surface Water	N	03/07/2024	10:30	FS
SEEP-B-EFFLUENT-TSS-030724	320-110385-6	Surface Water	N	03/07/2024	11:05	FS
SEEP-C-EFFLUENT-TSS-030724	320-110385-7	Surface Water	N	03/07/2024	11:15	FS
SEEP-D-EFFLUENT-TSS-030724	320-110385-8	Surface Water	N	03/07/2024	11:25	FS
SEEP-A-INFLUENT-24-031124	320-110423-1	Surface Water	N	03/11/2024	07:24	FS
SEEP-A-EFFLUENT-24-031124	320-110423-2	Surface Water	N	03/11/2024	07:23	FS
SEEP-B-INFLUENT-24-031124	320-110423-3	Surface Water	N	03/11/2024	07:37	FS
SEEP-B-EFFLUENT-24-031124	320-110423-4	Surface Water	N	03/11/2024	07:35	FS
SEEP-C-INFLUENT-24-031124	320-110423-5	Surface Water	N	03/11/2024	07:35	FS
SEEP-C-EFFLUENT-24-031124	320-110423-6	Surface Water	N	03/11/2024	07:41	FS
SEEP-D-INFLUENT-24-031124	320-110423-7	Surface Water	N	03/11/2024	07:44	FS
SEEP-D-EFFLUENT-24-031124	320-110423-8	Surface Water	N	03/11/2024	07:45	FS
SEEP-A-INFLUENT-24-032324	320-110828-1	Surface Water	N	03/23/2024	23:00	FS
SEEP-A-EFFLUENT-24-032324	320-110828-2	Surface Water	N	03/23/2024	23:00	FS
SEEP-B-INFLUENT-24-032324	320-110828-3	Surface Water	N	03/23/2024	23:00	FS
SEEP-B-EFFLUENT-24-032324	320-110828-4	Surface Water	N	03/23/2024	23:00	FS
SEEP-C-INFLUENT-24-032324	320-110828-5	Surface Water	N	03/23/2024	23:00	FS
SEEP-C-EFFLUENT-24-032324	320-110828-6	Surface Water	N	03/23/2024	23:00	FS

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-D-INFLUENT-24-032324	320-110828-7	Surface Water	N	03/23/2024	23:00	FS
SEEP-D-EFFLUENT-24-032324	320-110828-8	Surface Water	N	03/23/2024	23:00	FS
SEEP-A-INFLUENT-TSS-032524	320-110831-1	Surface Water	N	03/25/2024	09:30	FS
SEEP-B-INFLUENT-TSS-032524	320-110831-2	Surface Water	N	03/25/2024	08:45	FS
SEEP-C-INFLUENT-TSS-032524	320-110831-3	Surface Water	N	03/25/2024	08:25	FS
SEEP-D-INFLUENT-TSS-032524	320-110831-4	Surface Water	N	03/25/2024	08:00	FS
SEEP-A-EFFLUENT-TSS-032524	320-110831-5	Surface Water	N	03/25/2024	09:35	FS
SEEP-B-EFFLUENT-TSS-032524	320-110831-6	Surface Water	N	03/25/2024	08:50	FS
SEEP-C-EFFLUENT-TSS-032524	320-110831-7	Surface Water	N	03/25/2024	08:30	FS
SEEP-D-EFFLUENT-TSS-032524	320-110831-8	Surface Water	N	03/25/2024	08:05	FS
SEEP-A-INFLUENT-TSS-032824	320-111002-1	Surface Water	N	03/28/2024	12:10	FS
SEEP-B-INFLUENT-TSS-032824	320-111002-2	Surface Water	N	03/28/2024	12:30	FS
SEEP-C-INFLUENT-TSS-032824	320-111002-3	Surface Water	N	03/28/2024	12:45	FS
SEEP-D-INFLUENT-TSS-032824	320-111002-4	Surface Water	N	03/28/2024	13:00	FS
SEEP-A-EFFLUENT-TSS-032824	320-111002-5	Surface Water	N	03/28/2024	12:15	FS
SEEP-B-EFFLUENT-TSS-032824	320-111002-6	Surface Water	N	03/28/2024	12:35	FS
SEEP-C-EFFLUENT-TSS-032824	320-111002-7	Surface Water	N	03/28/2024	12:50	FS
SEEP-D-EFFLUENT-TSS-032824	320-111002-8	Surface Water	N	03/28/2024	13:05	FS
SEEP-A-INFLUENT-24-032824	320-111004-1	Surface Water	N	03/28/2024	12:00	FS
SEEP-A-EFFLUENT-24-032824	320-111004-2	Surface Water	N	03/28/2024	12:00	FS
SEEP-B-INFLUENT-24-032824	320-111004-3	Surface Water	N	03/28/2024	12:00	FS
SEEP-B-EFFLUENT-24-032824	320-111004-4	Surface Water	N	03/28/2024	12:00	FS
SEEP-C-INFLUENT-24-032824	320-111004-5	Surface Water	N	03/28/2024	12:00	FS
SEEP-C-EFFLUENT-24-032824	320-111004-6	Surface Water	N	03/28/2024	12:00	FS
SEEP-D-INFLUENT-24-032824	320-111004-7	Surface Water	N	03/28/2024	12:00	FS
SEEP-D-EFFLUENT-24-032824	320-111004-8	Surface Water	N	03/28/2024	12:00	FS

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

Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	Seep Flow Through Cell Sampling 2024
Eurofins Environ Testing Northern Cali	SM 2540 D-2015	Total Suspended Solids	Seep Flow Through Cell Sampling 2024

ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
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 meets the range of not frozen to 6 deg. C with a target of 4 deg. 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 2024 **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
SEEP-A-INFLUENT-24-021424	02/14/2024	320-109798-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-24-032824	03/28/2024	320-111004-1	PFMOAA	19	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **Validation Options:** LABSTATS

Validation Reason Code: Quality review criteria exceeded between the REP (laboratory replicate) and parent sample. The reported result may be imprecise.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-TSS-010824	01/08/2024	320-108586-10	Total Suspended Solids	52	MG/L	MDL	4.4	13	J	SM 2540 D-2015		

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-24-021424	02/14/2024	320-109798-1	R-PSDA	0.81	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021424	02/14/2024	320-109798-1	Hydrolyzed PSDA	2.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021424	02/14/2024	320-109798-1	R-EVE	0.39	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224	03/02/2024	320-110221-1	R-PSDA	0.83	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224	03/02/2024	320-110221-1	Hydrolyzed PSDA	2.3	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224	03/02/2024	320-110221-1	R-EVE	0.47	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224-D	03/02/2024	320-110221-2	R-PSDA	0.86	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224-D	03/02/2024	320-110221-2	Hydrolyzed PSDA	2.3	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030224-D	03/02/2024	320-110221-2	R-EVE	0.42	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030724	03/07/2024	320-110365-1	R-PSDA	0.57	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030724	03/07/2024	320-110365-1	Hydrolyzed PSDA	1.2	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030724	03/07/2024	320-110365-1	R-EVE	0.28	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031124	03/11/2024	320-110423-1	R-PSDA	0.88	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031124	03/11/2024	320-110423-1	Hydrolyzed PSDA	1.3	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031124	03/11/2024	320-110423-1	R-EVE	0.37	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032324	03/23/2024	320-110828-1	R-PSDA	0.87	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032324	03/23/2024	320-110828-1	Hydrolyzed PSDA	1.7	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032324	03/23/2024	320-110828-1	R-EVE	0.40	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032824	03/28/2024	320-111004-1	R-PSDA	0.75	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032824	03/28/2024	320-111004-1	Hydrolyzed PSDA	1.6	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-032824	03/28/2024	320-111004-1	R-EVE	0.38	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-013124	01/31/2024	320-109311-4	Hydrolyzed PSDA	0.0049	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-020124	02/01/2024	320-109349-4	Hydrolyzed PSDA	0.0053	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-24-021324	02/13/2024	320-109662-5	R-PSDA	0.0024	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-021324	02/13/2024	320-109662-5	Hydrolyzed PSDA	0.0072	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-030224	03/02/2024	320-110221-5	Hydrolyzed PSDA	0.0036	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-032324	03/23/2024	320-110828-4	Hydrolyzed PSDA	0.0047	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-24-032824	03/28/2024	320-111004-4	Hydrolyzed PSDA	0.0059	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-011024	01/10/2024	320-108628-7	R-PSDA	0.14	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-011024	01/10/2024	320-108628-7	Hydrolyzed PSDA	0.19	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-011024	01/10/2024	320-108628-7	R-EVE	0.13	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012024	01/20/2024	320-108999-7	R-PSDA	0.10	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012024	01/20/2024	320-108999-7	Hydrolyzed PSDA	0.062	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012024	01/20/2024	320-108999-7	R-EVE	0.073	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012524	01/25/2024	320-109165-3	R-PSDA	0.12	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012524	01/25/2024	320-109165-3	Hydrolyzed PSDA	0.069	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-012524	01/25/2024	320-109165-3	R-EVE	0.086	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-013124	01/31/2024	320-109311-7	R-PSDA	0.11	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-013124	01/31/2024	320-109311-7	Hydrolyzed PSDA	0.088	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-013124	01/31/2024	320-109311-7	R-EVE	0.077	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-020124	02/01/2024	320-109349-7	R-PSDA	0.12	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-020124	02/01/2024	320-109349-7	Hydrolyzed PSDA	0.090	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-021324	02/13/2024	320-109662-8	R-PSDA	0.17	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-021324	02/13/2024	320-109662-8	Hydrolyzed PSDA	0.12	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-021324	02/13/2024	320-109662-8	R-EVE	0.10	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-021424	02/14/2024	320-109798-7	R-PSDA	0.20	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-24-021424	02/14/2024	320-109798-7	Hydrolyzed PSDA	0.16	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-021424	02/14/2024	320-109798-7	R-EVE	0.13	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030224	03/02/2024	320-110221-8	R-PSDA	0.29	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030224	03/02/2024	320-110221-8	Hydrolyzed PSDA	0.26	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030224	03/02/2024	320-110221-8	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030724	03/07/2024	320-110365-7	R-PSDA	0.22	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030724	03/07/2024	320-110365-7	Hydrolyzed PSDA	0.22	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-030724	03/07/2024	320-110365-7	R-EVE	0.16	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-031124	03/11/2024	320-110423-7	R-PSDA	0.36	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-031124	03/11/2024	320-110423-7	Hydrolyzed PSDA	0.33	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-031124	03/11/2024	320-110423-7	R-EVE	0.27	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032324	03/23/2024	320-110828-7	R-PSDA	0.33	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032324	03/23/2024	320-110828-7	Hydrolyzed PSDA	0.30	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032324	03/23/2024	320-110828-7	R-EVE	0.22	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032824	03/28/2024	320-111004-7	R-PSDA	0.33	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032824	03/28/2024	320-111004-7	Hydrolyzed PSDA	0.29	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-24-032824	03/28/2024	320-111004-7	R-EVE	0.23	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-011024	01/10/2024	320-108628-3	R-PSDA	0.27	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-011024	01/10/2024	320-108628-3	Hydrolyzed PSDA	0.91	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-011024	01/10/2024	320-108628-3	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-012024	01/20/2024	320-108999-3	R-PSDA	0.43	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-012024	01/20/2024	320-108999-3	Hydrolyzed PSDA	0.94	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-012024	01/20/2024	320-108999-3	R-EVE	0.28	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-24-012524	01/25/2024	320-109165-1	R-PSDA	0.37	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-012524	01/25/2024	320-109165-1	Hydrolyzed PSDA	0.94	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-012524	01/25/2024	320-109165-1	R-EVE	0.26	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-013124	01/31/2024	320-109311-3	R-PSDA	0.29	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-013124	01/31/2024	320-109311-3	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-013124	01/31/2024	320-109311-3	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-020124	02/01/2024	320-109349-3	R-PSDA	0.28	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-020124	02/01/2024	320-109349-3	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-020124	02/01/2024	320-109349-3	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021324	02/13/2024	320-109662-4	R-PSDA	0.36	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021324	02/13/2024	320-109662-4	Hydrolyzed PSDA	1.4	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021324	02/13/2024	320-109662-4	R-EVE	0.24	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021424	02/14/2024	320-109798-3	R-PSDA	0.47	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021424	02/14/2024	320-109798-3	Hydrolyzed PSDA	0.94	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-021424	02/14/2024	320-109798-3	R-EVE	0.28	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030224	03/02/2024	320-110221-4	R-PSDA	0.57	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030224	03/02/2024	320-110221-4	Hydrolyzed PSDA	1.7	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030224	03/02/2024	320-110221-4	R-EVE	0.37	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030724	03/07/2024	320-110365-3	R-PSDA	0.26	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030724	03/07/2024	320-110365-3	Hydrolyzed PSDA	0.44	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-030724	03/07/2024	320-110365-3	R-EVE	0.19	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-031124	03/11/2024	320-110423-3	R-PSDA	0.59	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-031124	03/11/2024	320-110423-3	Hydrolyzed PSDA	0.76	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-24-031124	03/11/2024	320-110423-3	R-EVE	0.35	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032324	03/23/2024	320-110828-3	R-PSDA	0.78	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032324	03/23/2024	320-110828-3	Hydrolyzed PSDA	1.9	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032324	03/23/2024	320-110828-3	R-EVE	0.54	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032824	03/28/2024	320-111004-3	R-PSDA	0.74	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032824	03/28/2024	320-111004-3	Hydrolyzed PSDA	1.6	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-032824	03/28/2024	320-111004-3	R-EVE	0.54	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-24-032324	03/23/2024	320-110828-6	R-PSDA	0.0043	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-24-032324	03/23/2024	320-110828-6	Hydrolyzed PSDA	0.0047	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-010624	01/06/2024	320-108586-4	R-PSDA	0.29	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-010624	01/06/2024	320-108586-4	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-011024	01/10/2024	320-108628-5	R-PSDA	0.18	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-011024	01/10/2024	320-108628-5	R-EVE	0.15	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-012024	01/20/2024	320-108999-5	R-PSDA	0.43	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-012024	01/20/2024	320-108999-5	R-EVE	0.39	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-013124	01/31/2024	320-109311-5	R-PSDA	0.24	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-013124	01/31/2024	320-109311-5	R-EVE	0.22	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-020124	02/01/2024	320-109349-5	R-PSDA	0.26	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-020124	02/01/2024	320-109349-5	R-EVE	0.25	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021324	02/13/2024	320-109662-6	R-PSDA	0.25	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021324	02/13/2024	320-109662-6	R-EVE	0.23	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021424	02/14/2024	320-109798-5	R-PSDA	0.23	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021424	02/14/2024	320-109798-5	R-EVE	0.17	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-24-022424	02/24/2024	320-110063-1	R-PSDA	0.30	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-022424	02/24/2024	320-110063-1	Hydrolyzed PSDA	0.041	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-022424	02/24/2024	320-110063-1	R-EVE	0.25	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030224	03/02/2024	320-110221-6	R-PSDA	0.35	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030224	03/02/2024	320-110221-6	R-EVE	0.29	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030724	03/07/2024	320-110365-5	R-PSDA	0.20	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030724	03/07/2024	320-110365-5	R-EVE	0.16	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031124	03/11/2024	320-110423-5	R-PSDA	0.48	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031124	03/11/2024	320-110423-5	R-EVE	0.39	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-032324	03/23/2024	320-110828-5	R-PSDA	0.48	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-032324	03/23/2024	320-110828-5	R-EVE	0.43	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-032824	03/28/2024	320-111004-5	R-PSDA	0.44	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-032824	03/28/2024	320-111004-5	R-EVE	0.36	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624	01/06/2024	320-108586-1	R-PSDA	0.53	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624	01/06/2024	320-108586-1	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624	01/06/2024	320-108586-1	R-EVE	0.29	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624-D	01/06/2024	320-108586-2	R-PSDA	0.58	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624-D	01/06/2024	320-108586-2	Hydrolyzed PSDA	1.7	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-010624-D	01/06/2024	320-108586-2	R-EVE	0.26	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-011024	01/10/2024	320-108628-1	R-PSDA	0.46	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-011024	01/10/2024	320-108628-1	Hydrolyzed PSDA	1.2	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-011024	01/10/2024	320-108628-1	R-EVE	0.18	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-012024	01/20/2024	320-108999-1	R-PSDA	0.64	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-24-012024	01/20/2024	320-108999-1	Hydrolyzed PSDA	0.87	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-012024	01/20/2024	320-108999-1	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-013124	01/31/2024	320-109311-1	R-PSDA	0.57	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-013124	01/31/2024	320-109311-1	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-013124	01/31/2024	320-109311-1	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-020124	02/01/2024	320-109349-1	R-PSDA	0.60	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-020124	02/01/2024	320-109349-1	Hydrolyzed PSDA	2.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-020124	02/01/2024	320-109349-1	R-EVE	0.32	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021324	02/13/2024	320-109662-1	R-PSDA	0.62	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021324	02/13/2024	320-109662-1	Hydrolyzed PSDA	1.9	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021324	02/13/2024	320-109662-1	R-EVE	0.32	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-24-030724	03/07/2024	320-110365-1	PFMOAA	12	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-24-021324	02/13/2024	320-109662-2	PFMOAA	0.023	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2024 **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-A-EFFLUENT-TSS-021324	02/13/2024	320-109661-5	Total Suspended Solids	2.1	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-EFFLUENT-TSS-021524	02/15/2024	320-109793-5	Total Suspended Solids	1.0	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-EFFLUENT-TSS-030424	03/04/2024	320-110219-5	Total Suspended Solids	1.5	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-EFFLUENT-TSS-030724	03/07/2024	320-110385-5	Total Suspended Solids	2.0	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-EFFLUENT-TSS-032524	03/25/2024	320-110831-5	Total Suspended Solids	1.3	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-EFFLUENT-TSS-032824	03/28/2024	320-111002-5	Total Suspended Solids	2.6	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-D-EFFLUENT-TSS-011024	01/10/2024	320-108630-8	Total Suspended Solids	1.2	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-D-EFFLUENT-TSS-012324	01/23/2024	320-109093-8	Total Suspended Solids	1.5	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-D-EFFLUENT-TSS-013124	01/31/2024	320-109313-8	Total Suspended Solids	2.3	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-D-EFFLUENT-TSS-021324	02/13/2024	320-109661-8	Total Suspended Solids	1.9	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-B-EFFLUENT-TSS-021324	02/13/2024	320-109661-6	Total Suspended Solids	1.2	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-B-EFFLUENT-TSS-021524	02/15/2024	320-109793-6	Total Suspended Solids	1.2	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-B-EFFLUENT-TSS-030424	03/04/2024	320-110219-6	Total Suspended Solids	1.6	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		

ADQM Data Review

Site: Chemours Fayetteville

Project: 004 NPDES Sampling 01/24, 02/24, 03/24

Project Reviewer: Bridget Gavaghan

Sample Summary

Field Sample ID	Lab Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose
004-INF-0124-2	320-108480-1	Other Liquid	N	01/02/2024	08:00	FS
004-EFF-0124-2	320-108480-2	Other Liquid	N	01/02/2024	08:00	FS
004-INF-0124-2A	320-108578-1	Other Liquid	N	01/08/2024	08:00	FS
004-EFF-0124-2A	320-108578-2	Other Liquid	N	01/08/2024	08:00	FS
004-INF-0124-3	320-108740-1	Other Liquid	N	01/15/2024	07:30	FS
004-EFF-0124-3	320-108740-2	Other Liquid	N	01/15/2024	07:30	FS
004-INF-0124-4	320-109025-1	Other Liquid	N	01/22/2024	07:30	FS
004-EFF-0124-4	320-109025-2	Other Liquid	N	01/22/2024	07:30	FS
004-FBLK-0124	320-109211-1	Blank Water	N	01/29/2024	07:30	FB
004-INF-0124-5	320-109212-1	Other Liquid	N	01/29/2024	07:30	FS
004-EFF-0124-5	320-109212-2	Other Liquid	N	01/29/2024	07:30	FS
004-INF-0224	320-109451-1	Other Liquid	N	02/05/2024	07:30	FS
004-EFF-0224	320-109451-2	Other Liquid	N	02/05/2024	07:30	FS
004-INF-0224-2	320-109597-1	Other Liquid	N	02/12/2024	07:45	FS
004-EFF-0224-2	320-109597-2	Other Liquid	N	02/12/2024	07:45	FS
004-FBLK-0224	320-109597-3	Blank Water	N	02/12/2024	07:45	FB
004-INF-0224-3	320-109834-1	Other Liquid	N	02/19/2024	07:30	FS
004-EFF-0224-3	320-109834-2	Other Liquid	N	02/19/2024	07:30	FS
004-INF-0224-4	320-110019-1	Other Liquid	N	02/26/2024	07:30	FS
004-EFF-0224-4	320-110019-2	Other Liquid	N	02/26/2024	07:30	FS
004-INF-0324	320-110235-1	Other Liquid	N	03/04/2024	09:00	FS
004-EFF-0324	320-110235-2	Other Liquid	N	03/04/2024	09:00	FS
004-INF-0324-2	320-110437-1	Other Liquid	N	03/11/2024	08:30	FS
004-EFF-0324-2	320-110437-2	Other Liquid	N	03/11/2024	08:30	FS
004-FBLK-0324	320-110437-3	Blank Water	N	03/11/2024	08:30	FB
004-INF-0324-3	320-110619-1	Other Liquid	N	03/18/2024	08:00	FS
004-EFF-0324-3	320-110619-2	Other Liquid	N	03/18/2024	08:00	FS
004-INF-0324-4	320-110822-1	Other Liquid	N	03/25/2024	07:30	FS
004-EFF-0324-4	320-110822-2	Other Liquid	N	03/25/2024	07:30	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)	004 NPDES Sampling 2/24
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 1/24
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 2/24
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 3/24

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				
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

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 2/24 **Validation Options:** LABSTATS

Validation Reason Code: Associated LCS and/or LCSD analysis had relative percent recovery (RPR) values less than the lower control limit but above 10%. 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-0224-2	02/12/2024	320-109597-2	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
004-FBLK-0224	02/12/2024	320-109597-3	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535
004-INF-0224-2	02/12/2024	320-109597-1	Perfluorooctadecanoic Acid	0.0020	ug/L	PQL		0.0020	UJ	537 Modified		3535

Site: Fayetteville **Sampling Program:** 004 NPDES Sampling 1/24 **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.

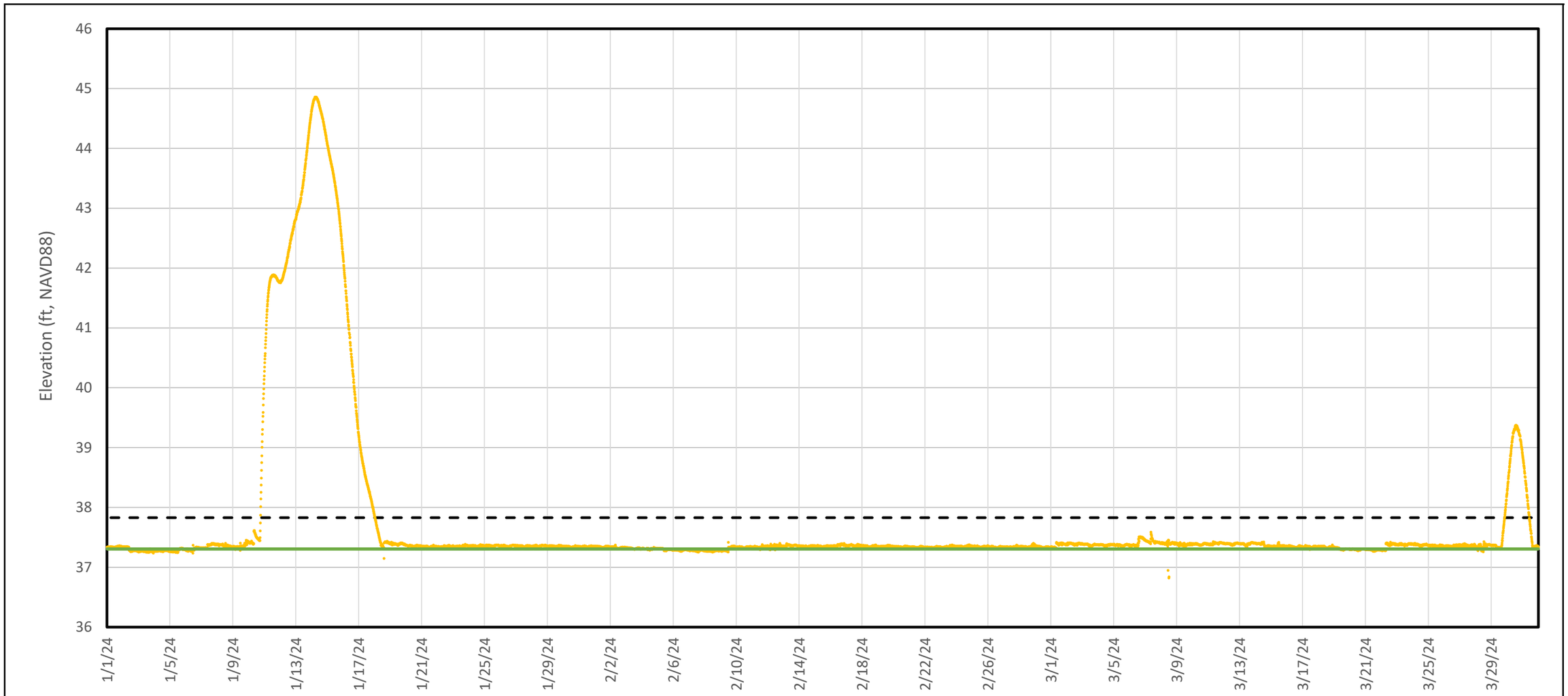
Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
004-EFF-0124-2	01/02/2024	320-108480-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0124-2	01/02/2024	320-108480-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0124-2	01/02/2024	320-108480-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0124-2A	01/08/2024	320-108578-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0224-3	02/19/2024	320-109834-2	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0224-4	02/26/2024	320-110019-2	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0224-4	02/26/2024	320-110019-2	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 2/24 **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-0224-2	02/12/2024	320-109597-1	R-PSDA	1.8	UG/L	PQL		0.035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0224-2	02/12/2024	320-109597-1	Hydrolyzed PSDA	16	UG/L	PQL		0.019	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0224-2	02/12/2024	320-109597-1	R-EVE	0.93	UG/L	PQL		0.036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0324-2	03/11/2024	320-110437-1	R-PSDA	1.3	UG/L	PQL		0.035	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0324-2	03/11/2024	320-110437-1	Hydrolyzed PSDA	12	UG/L	PQL		0.025	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0324-2	03/11/2024	320-110437-1	R-EVE	0.50	UG/L	PQL		0.036	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0124-2	01/02/2024	320-108480-1	R-PSDA	0.94	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0124-2	01/02/2024	320-108480-1	Hydrolyzed PSDA	6.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0124-2	01/02/2024	320-108480-1	R-EVE	0.53	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Appendix B
FTC Transducer Data Reduction



Legend

- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation

Notes:

GAC - granular activated carbon

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

Discharge Basin Water Elevation - Seep A

Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

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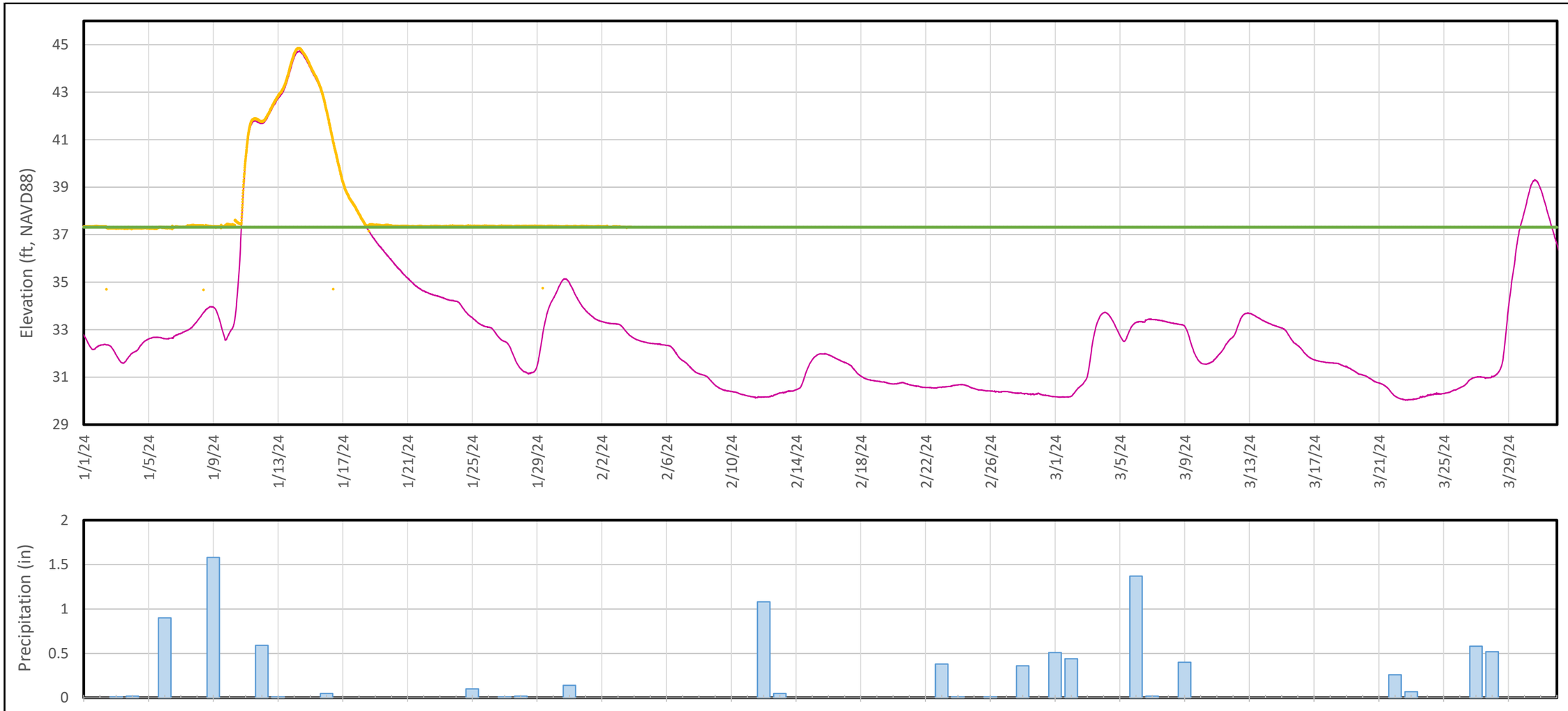
Figure B1-A



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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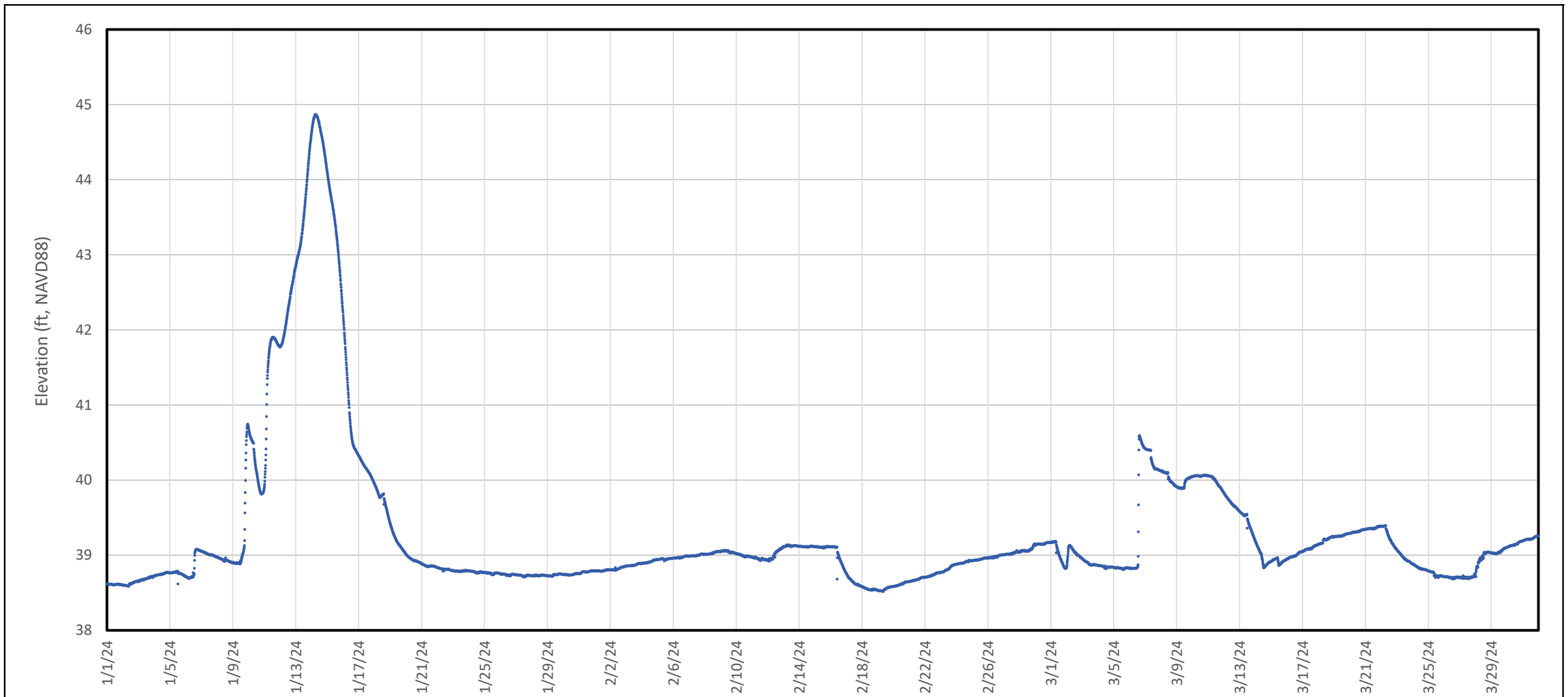
Figure B2-A



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

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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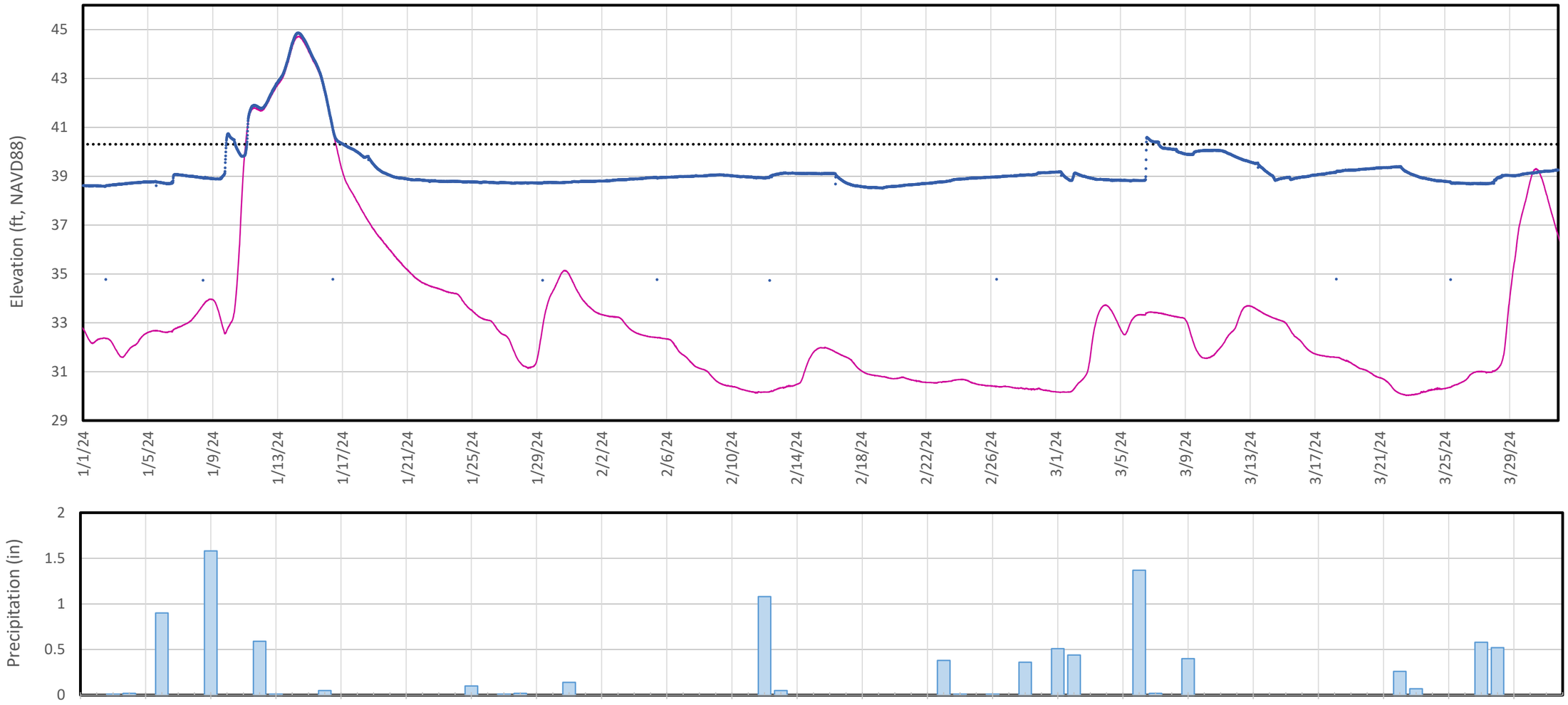
Figure B3-A



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

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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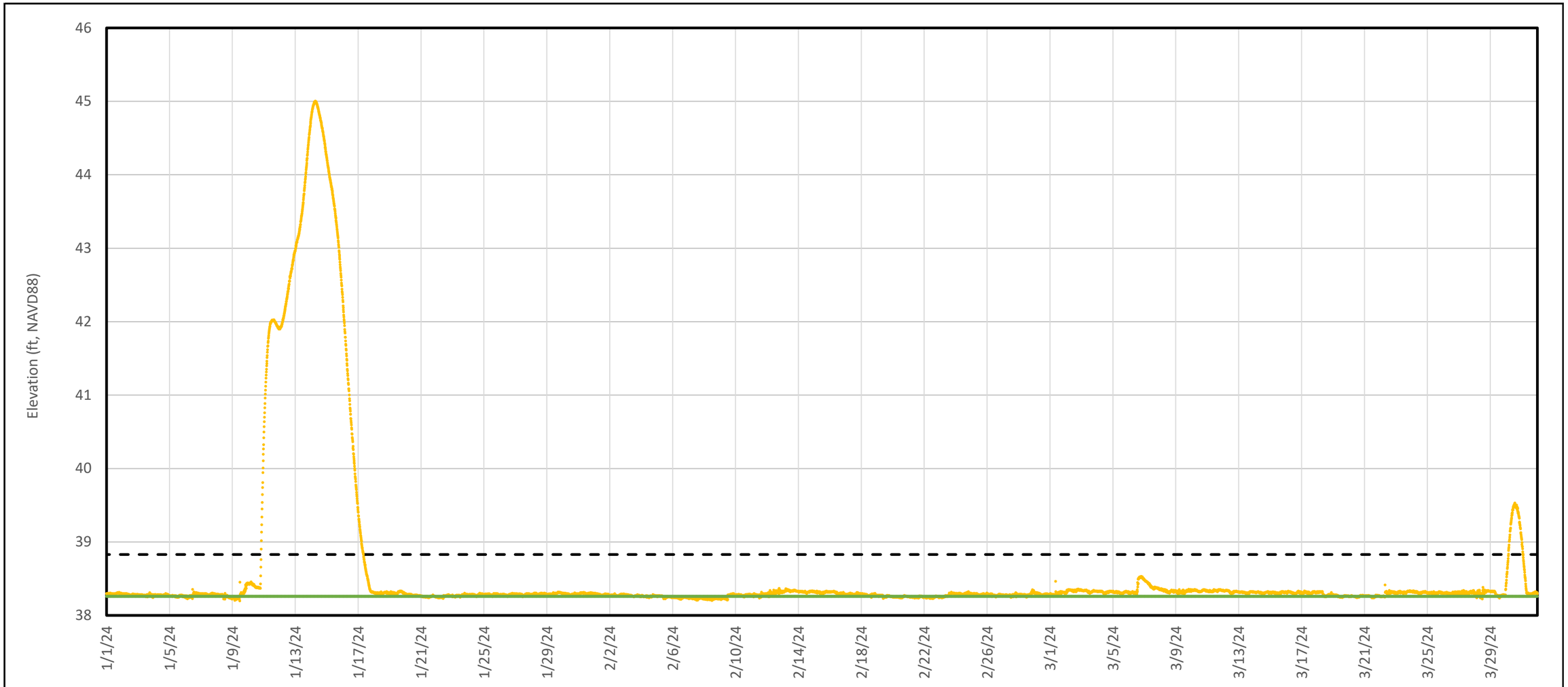
Figure B4-A



Legend

- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation

Notes:

GAC - granular activated carbon

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

Discharge Basin Water Elevation - Seep B

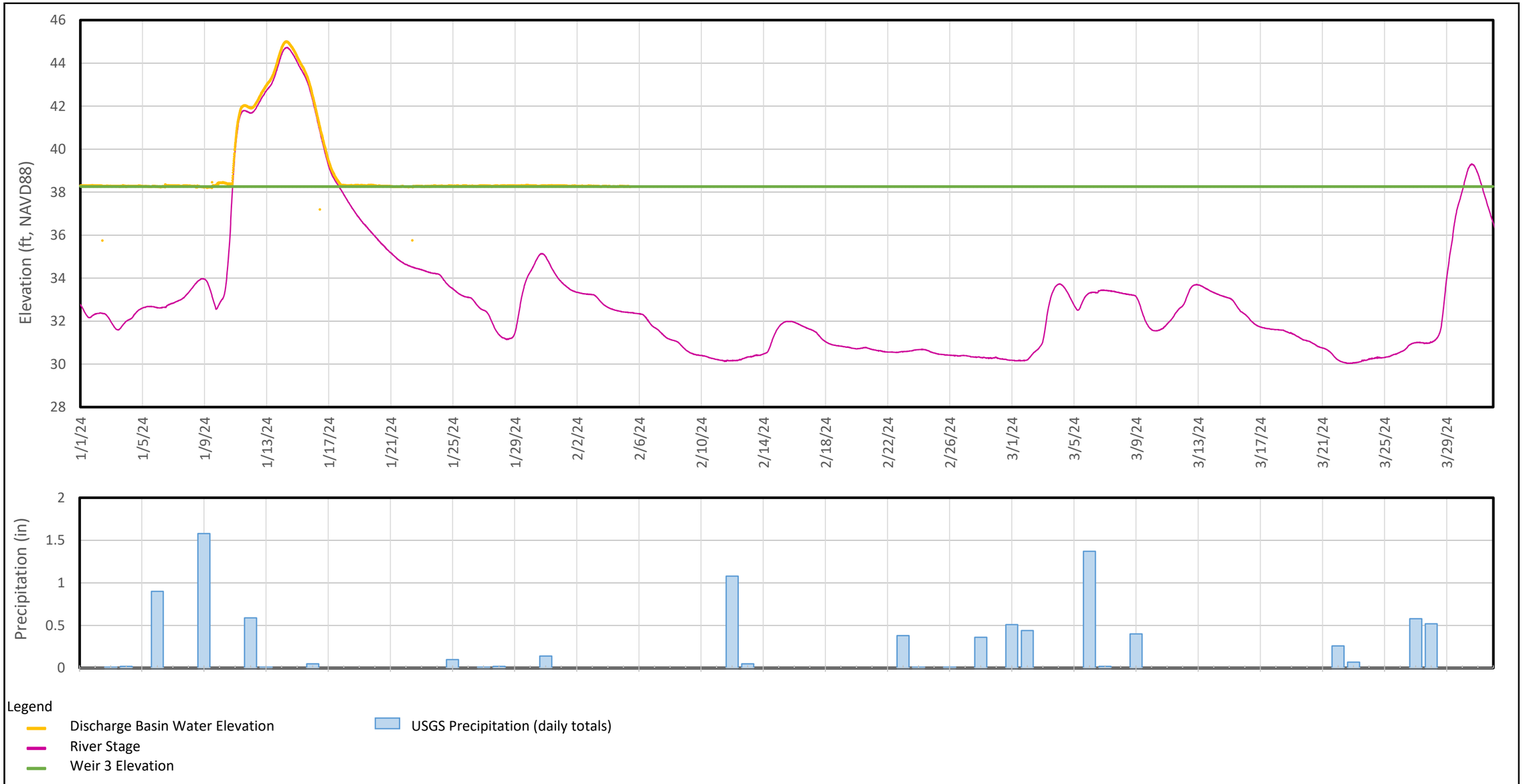
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B1-B



Notes:

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

Discharge Basin Water Elevation and External Forcings - Seep B

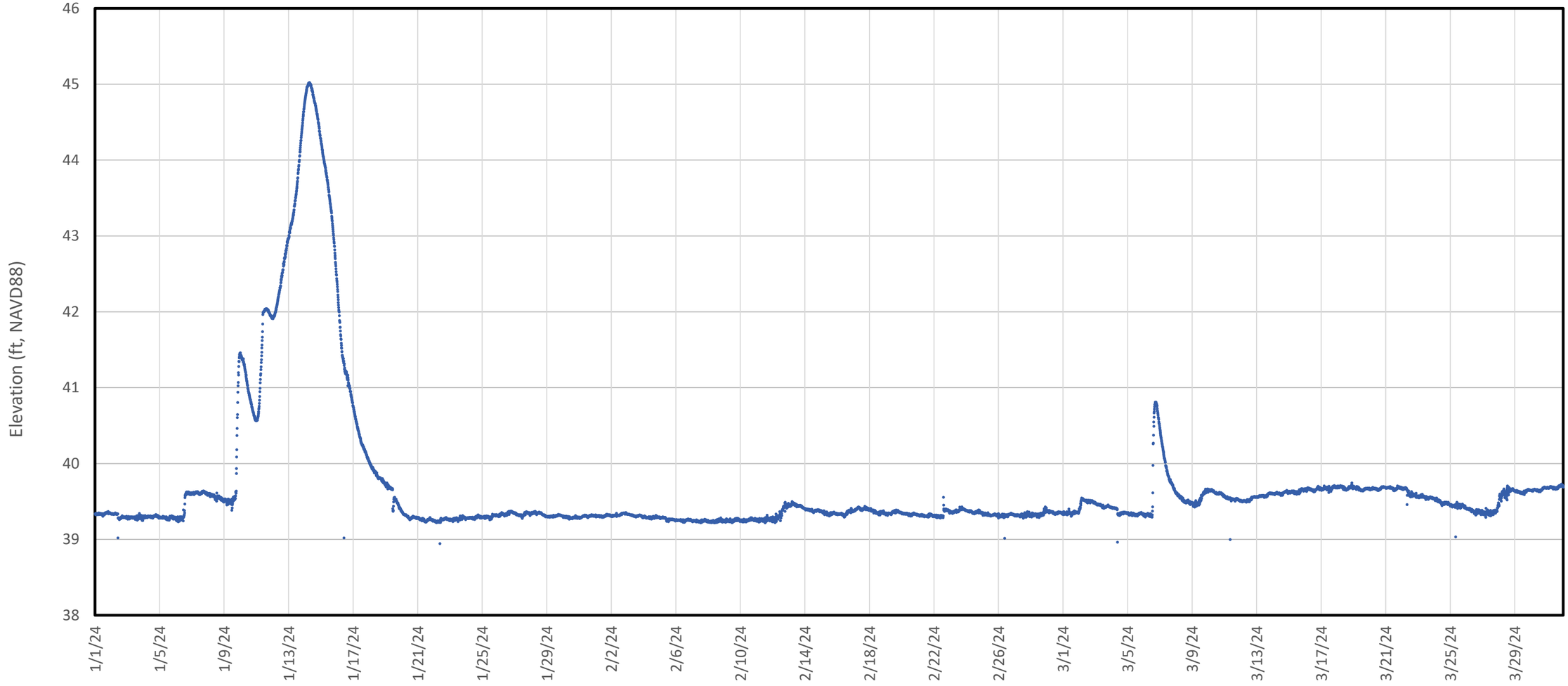
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

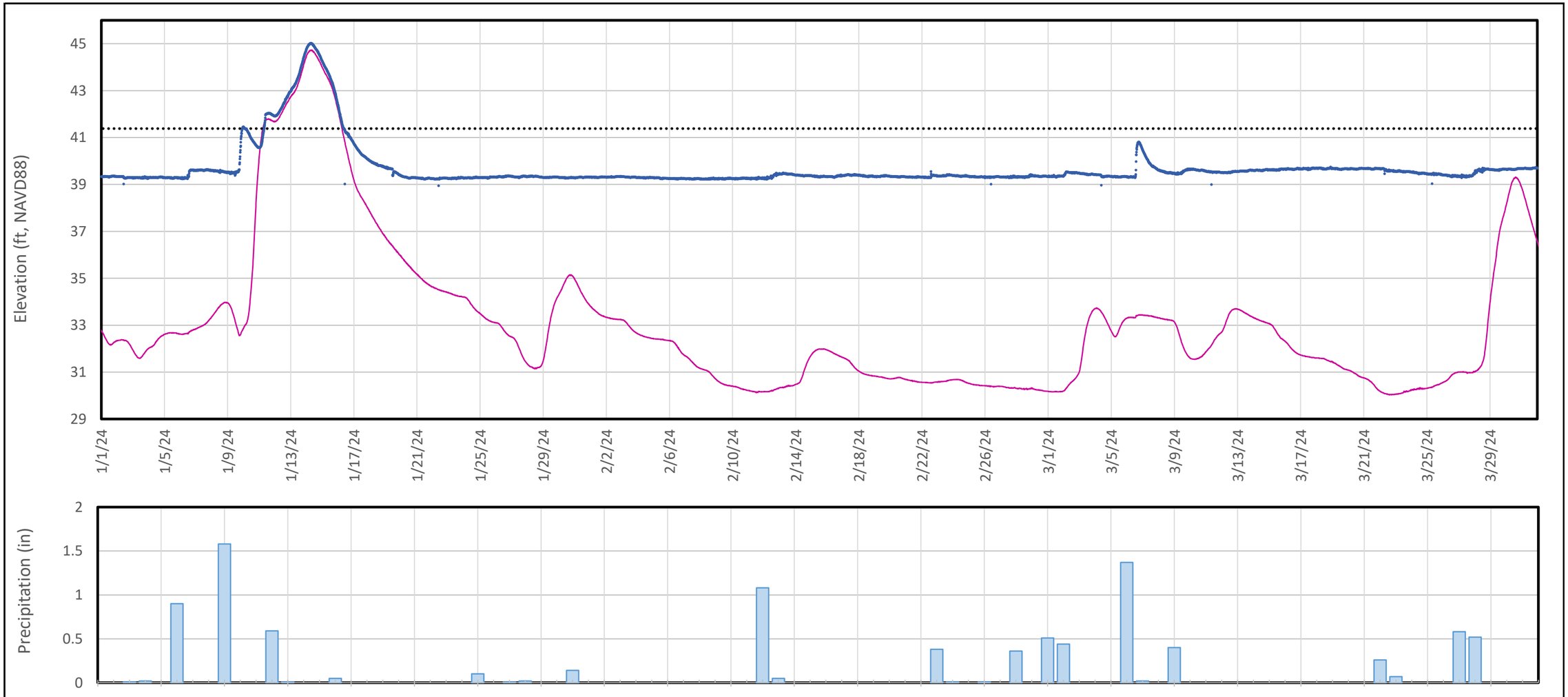
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

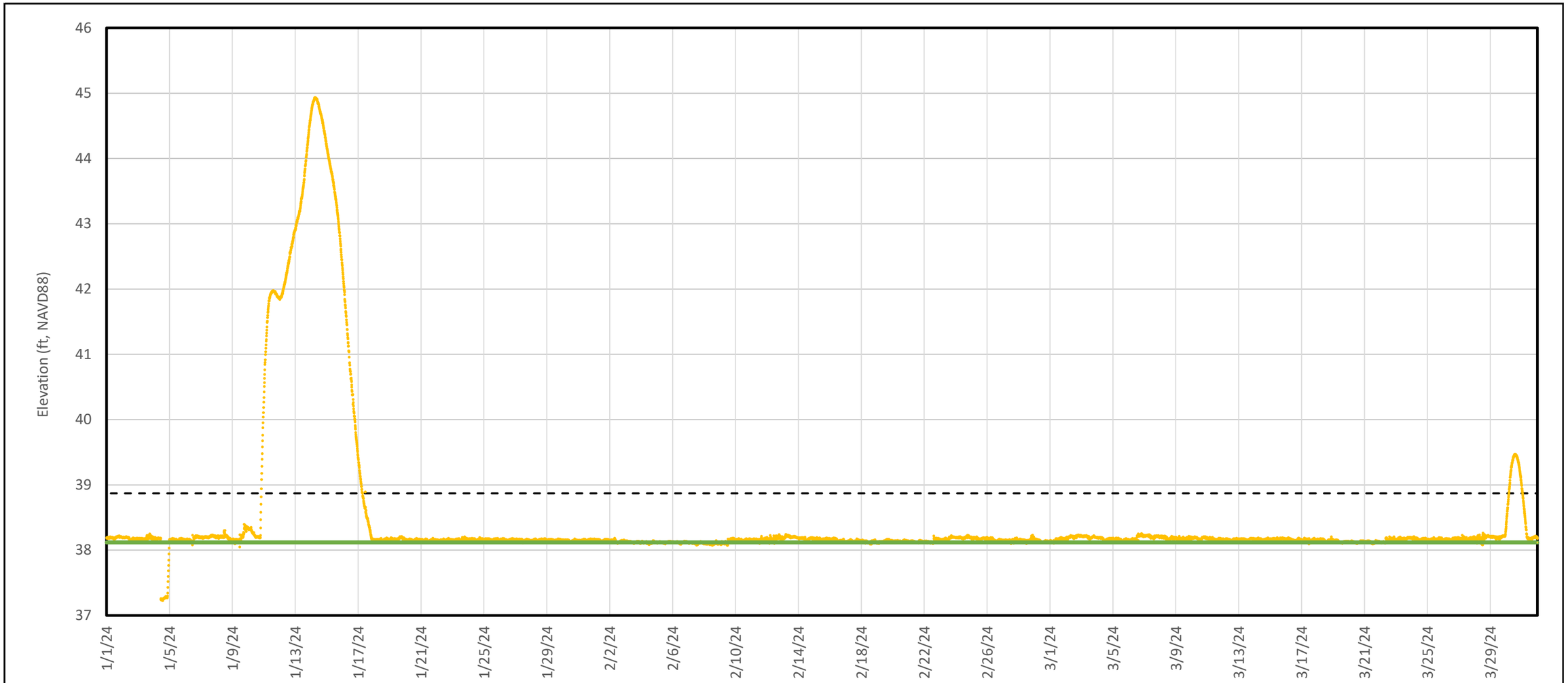
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B4-B



Legend

- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation

Notes:

GAC - granular activated carbon

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

Discharge Basin Water Elevation - Seep C

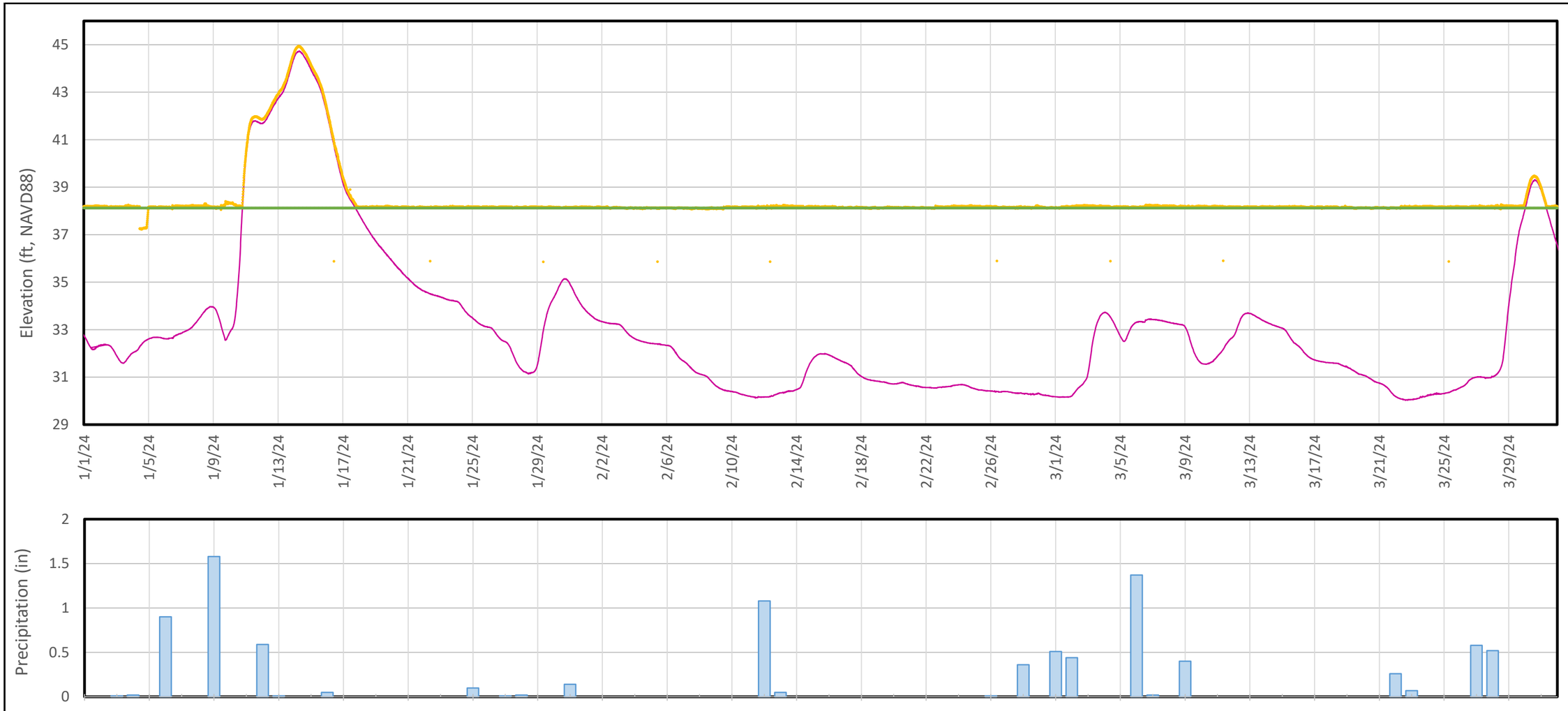
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B1-C



Legend

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

Notes:

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

Discharge Basin Water Elevation and External Forcings - Seep C

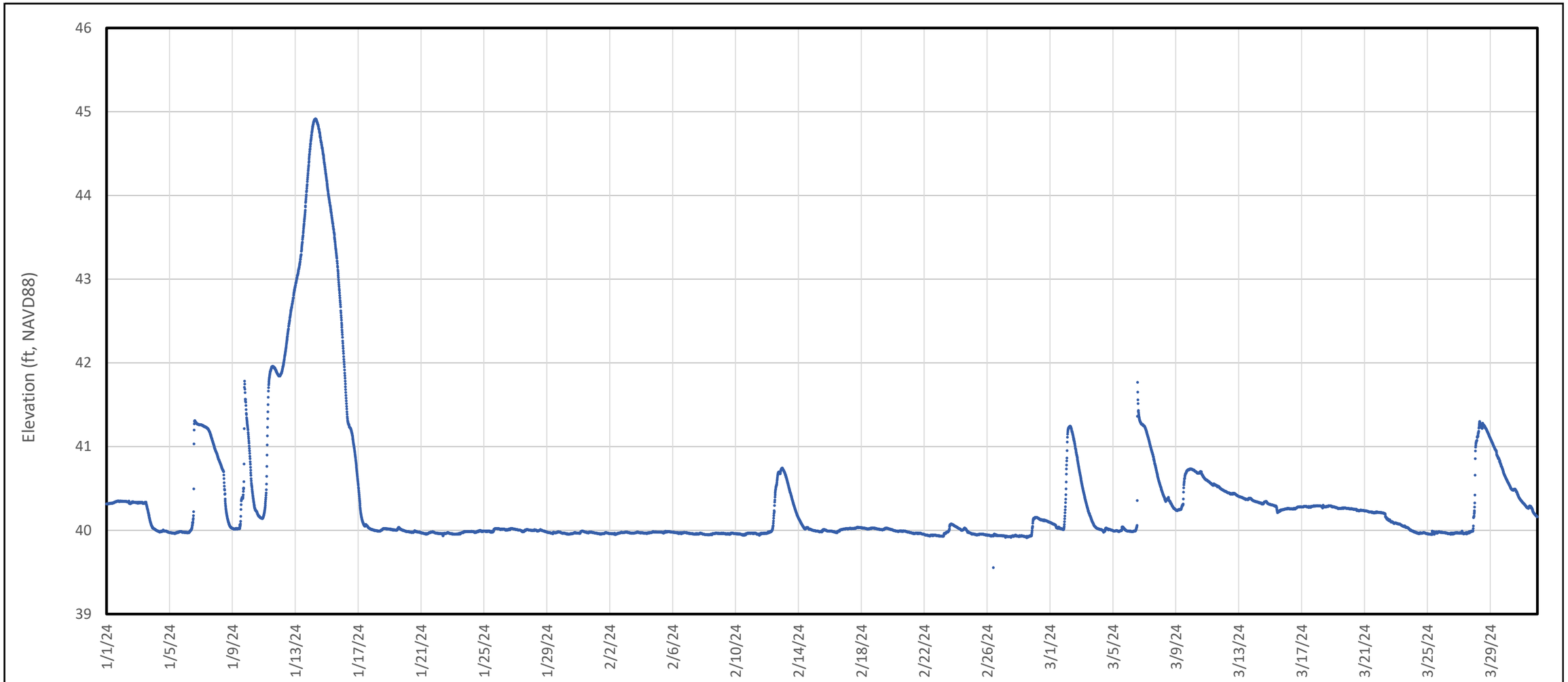
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B2-C



Legend

- Influent Chamber/Impoundment Elevation
- GAC Changeout

Notes:

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

Inlet Chamber Water Elevation - Seep C

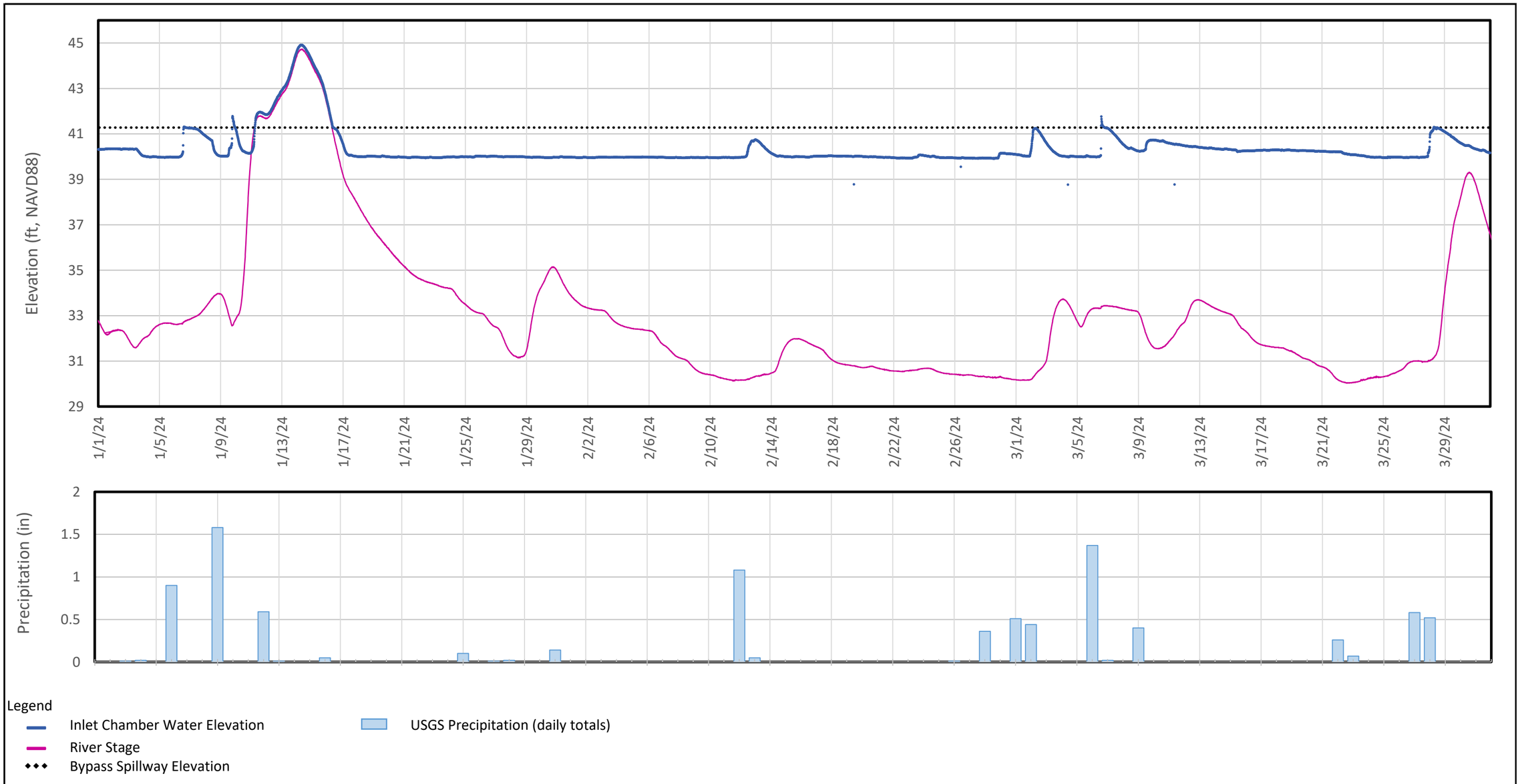
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B3-C



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

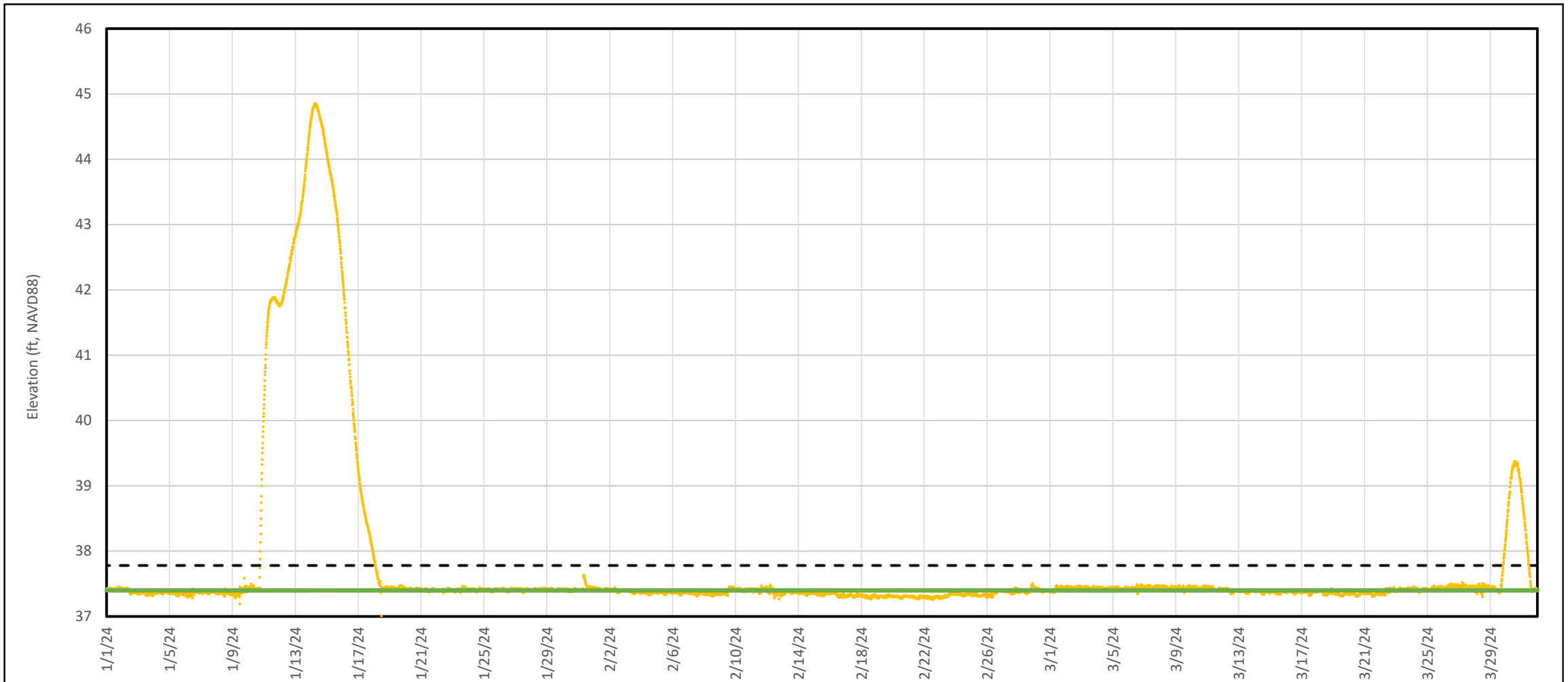
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

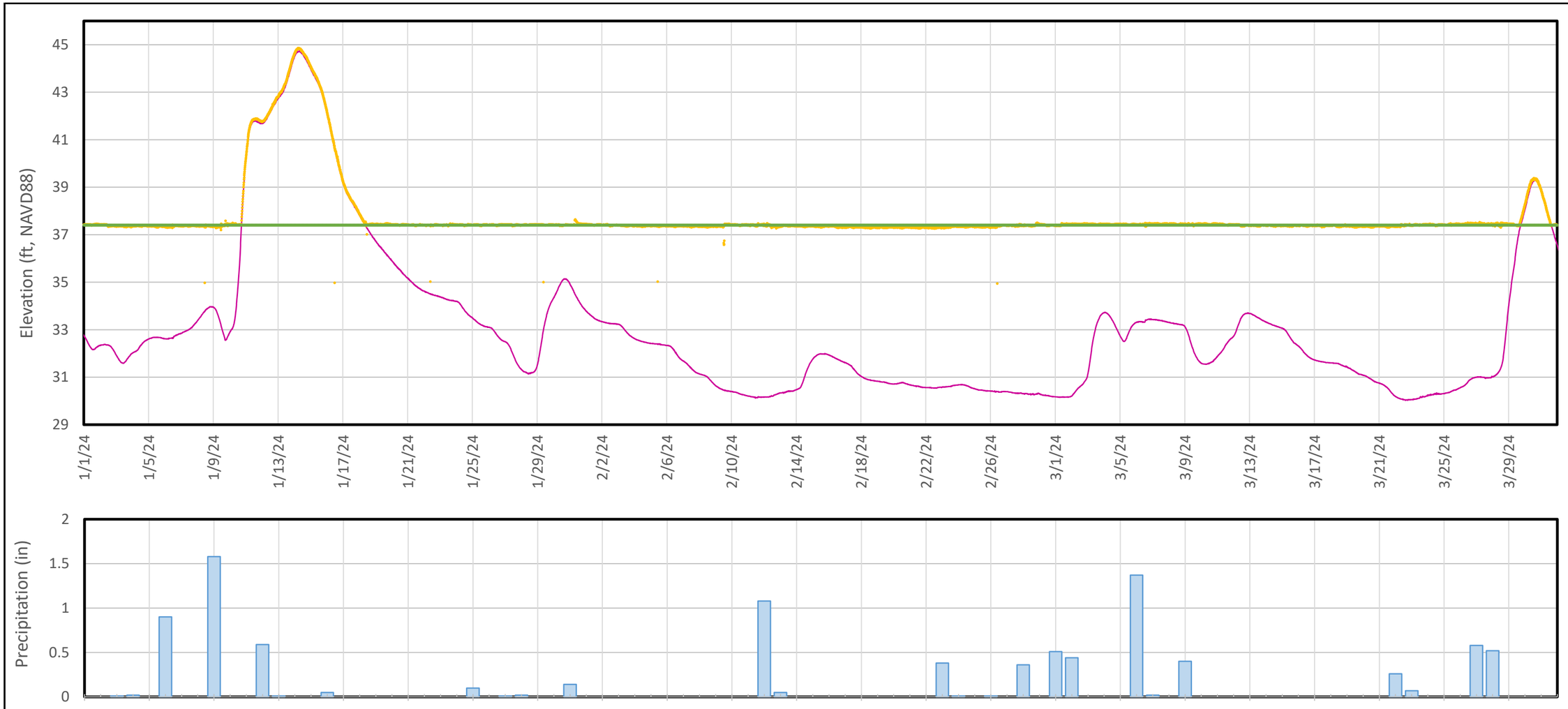
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

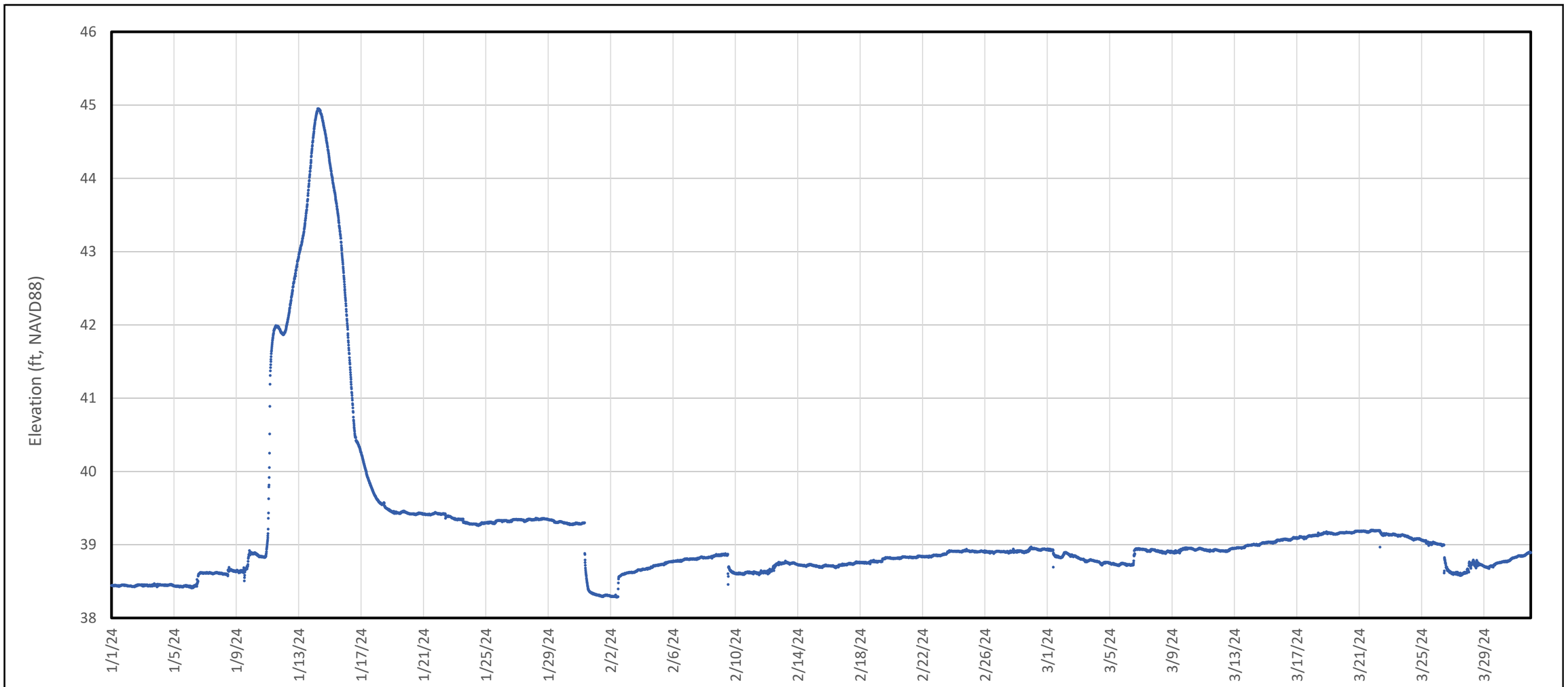
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

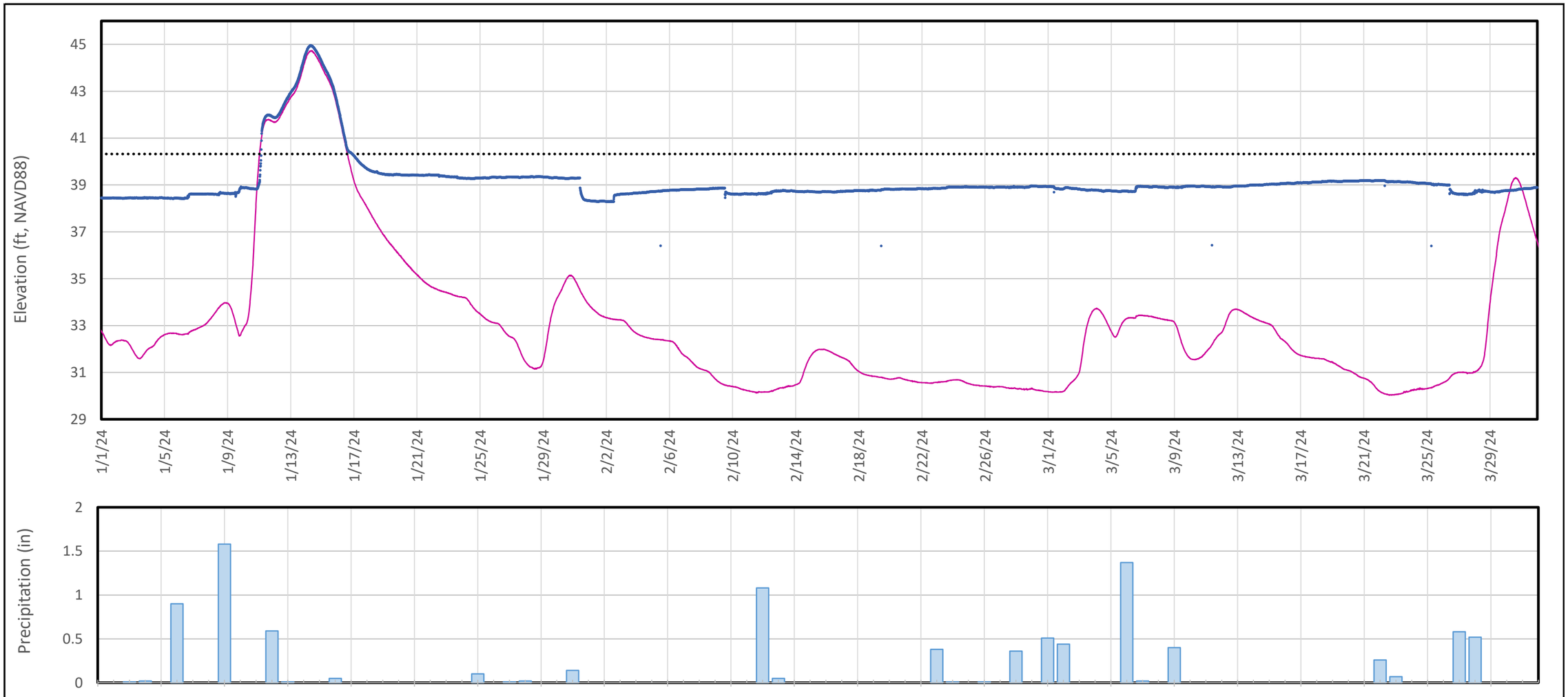
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

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

Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2024

Figure B4-D

Appendix C
Corrected PFPrA Concentration for Previously Reported Results

Appendix C
Corrected PFPrA Concentrations for Previously Reported Results
July 2023 to November 2023
Chemours Fayetteville Works
Fayetteville, North Carolina

Sampling Program	Location ID	Sample ID	Sample Date	PFPrA Concentration (ng/L)	
				Corrected[1]	Original
CAP MW Sampling 3Q23	LTW-01	CAP3Q23-LTW-01-071323	7/13/2023	22,000	14,000
CAP GW Sampling 4Q23	LTW-01	CAP4Q23-LTW-01-110323	11/3/2023	24,000	14,000
CAP MW Sampling 3Q23	LTW-02	CAP3Q23-LTW-02-071223	7/12/2023	16,000	11,000
CAP GW Sampling 4Q23	LTW-02	CAP4Q23-LTW-02-110323	11/3/2023	21,000	13,000
CAP MW Sampling 3Q23	LTW-03	CAP3Q23-LTW-03-071223	7/12/2023	62,000 J	37,000
CAP MW Sampling 4Q23	LTW-03	CAP4Q23-LTW-03-111323	11/13/2023	61,000 J	38,000 J
CAP MW Sampling 3Q23	LTW-04	CAP3Q23-LTW-04-071123	7/11/2023	53,000	29,000
CAP GW Sampling 4Q23	LTW-04	CAP4Q23-LTW-04-110223	11/2/2023	48,000	30,000
CAP MW Sampling 3Q23	LTW-05	CAP3Q23-LTW-05-071123	7/11/2023	83,000 J	52,000 J
CAP GW Sampling 4Q23	LTW-05	CAP4Q23-LTW-05-110223	11/2/2023	120,000	68,000
CAP MW Sampling 3Q23	OW-28	CAP3Q23-OW-28-071123	7/11/2023	5,200	3,500
CAP GW Sampling 4Q23	OW-28	CAP4Q23-OW-28-110223	11/2/2023	5,500	3,500
CAP MW Sampling 3Q23	OW-33	CAP3Q23-OW-33-071223	7/12/2023	9,900	5,400
CAP GW Sampling 4Q23	OW-33	CAP4Q23-OW-33-110223	11/2/2023	9,400	6,000
CAP MW Sampling 3Q23	PIW-1D	CAP3Q23-PIW-1D-080223	8/2/2023	12,000 J	7,800
CAP GW Sampling 4Q23	PIW-1D	CAP4Q23-PIW-1D-110723	11/7/2023	12,000	7,500
CAP MW Sampling 3Q23	PIW-3D	CAP3Q23-PIW-3D-071323	7/13/2023	19,000	11,000
CAP GW Sampling 4Q23	PIW-3D	CAP4Q23-PIW-3D-110323	11/3/2023	21,000	13,000
CAP MW Sampling 3Q23	PIW-7D	CAP3Q23-PIW-7D-071123	7/11/2023	79,000 J	49,000 J
CAP GW Sampling 4Q23	PIW-7D	CAP4Q23-PIW-7D-110223	11/2/2023	86,000	52,000
CAP MW Sampling 3Q23	PIW-7S	CAP3Q23-PIW-7S-071123	7/11/2023	14,000	9,700
CAP GW Sampling 4Q23	PIW-7S	CAP4Q23-PIW-7S-110223	11/2/2023	18,000	12,000
CAP MW Sampling 3Q23	PW-04	CAP3Q23-PW-04-072823	7/28/2023	1,400	900
CAP MW Sampling 4Q23	PW-04	CAP4Q23-PW-04-110923	11/9/2023	1,500	960
CAP MW Sampling 3Q23	PZ-22	CAP3Q-PZ-22-071123	7/11/2023	76,000	48,000
CAP GW Sampling 4Q23	PZ-22	CAP4Q23-PZ-22-110223	11/2/2023	84,000	51,000
CAP MW Sampling 3Q23	SMW-12	CAP3Q23-SMW-12-071823	7/18/2023	5,900	3,900
CAP MW Sampling 4Q23	SMW-12	CAP4Q23-SMW-12-110823	11/8/2023	7,000	4,600
CAP MW Sampling 3Q23	OW-4R	CAP3Q23-OW-4R-080423	8/4/2023	25,000	17,000
CAP MW Sampling 3Q23	OW-30	CAP3Q23-OW-30-071323	7/13/2023	19,000	12,000
CAP MW Sampling 3Q23	OW-32	CAP3Q23-OW-32-090823	9/8/2023	990	640
CAP MW Sampling 3Q23	OW-37	CAP3Q23-OW-37-081023	8/10/2023	8,200 J	5,200 J
CAP MW Sampling 3Q23	OW-40	CAP3Q23-OW-40-071323	7/13/2023	5,700	3,700
CAP MW Sampling 3Q23	OW-51	CAP3Q23-OW-51-080323	8/3/2023	92,000	60,000
CAP GW Sampling 3Q23	OW-55	CAP3Q23-OW-55-072523	7/25/2023	2,900	1,800
CAP MW Sampling 3Q23	OW-56	CAP3Q23-OW-56-073123	7/31/2023	2,200	1,400
CAP MW Sampling 3Q23	OW-57	CAP3Q23-OW-57-073123	7/31/2023	44,000	28,000
CAP MW Sampling 3Q23	PIW-4D	CAP3Q23-PIW-4D-071323	7/13/2023	880	550
CAP MW Sampling 3Q23	PIW-5SR	CAP3Q23-PIW-5SR-080423	8/4/2023	44,000	29,000
CAP MW Sampling 3Q23	PIW-6S	CAP3Q23-PIW-6S-071223	7/12/2023	64,000 J	50,000 J

Appendix C
Corrected PFPrA Concentrations for Previously Reported Results
July 2023 to November 2023
Chemours Fayetteville Works
Fayetteville, North Carolina

Sampling Program	Location ID	Sample ID	Sample Date	PFPrA Concentration (ng/L)	
				Corrected[1]	Original
CAP MW Sampling 3Q23	PIW-8D	CAP3Q23-PIW-8D-071123	7/11/2023	57,000	34,000
CAP MW Sampling 3Q23	PIW-10DR	CAP3Q23-PIW-10DR-071423	7/14/2023	26,000	17,000
CAP MW Sampling 3Q23	PIW-10S	CAP3Q23-PIW-10S-071323	7/13/2023	5,300	3,100
CAP MW Sampling 3Q23	PIW-11	CAP3Q23-PIW-11-073123	7/31/2023	3,400	2,000
CAP GW Sampling 3Q23	PIW-15	CAP3Q23-PIW-15-072523	7/25/2023	14,000	9,000
CAP MW Sampling 3Q23	PW-10RR	CAP3Q23-PW-10RR-080323	8/3/2023	60,000	39,000
CAP MW Sampling 3Q23	PW-11	CAP3Q23-PW-11-070723	7/7/2023	25,000	17,000
CAP GW Sampling 3Q23	PIW-12	CAP3Q23-PIW-12-072423	7/24/2023	2,800	1,700
CAP GW Sampling 3Q23	PIW-13	CAP3Q23-PIW-13-072423	7/24/2023	4,600	2,800
CAP GW Sampling 3Q23	PIW-14	CAP3Q23-PIW-14-072423	7/24/2023	6,700	4,300
CAP SW Sampling 3Q23	WC-1	CAP3Q23-WC-1-24-072723	7/27/2023	770	500
CAP SW Sampling 4Q23	WC-1	CAP4Q23-WC-1-112323	11/23/2023	250	170
CAP SW Sampling 3Q23	WC-2	CAP3Q23-WC-2-24-072723	7/27/2023	570	360
CAP SW Sampling 4Q23	WC-2	CAP4Q23-WC-2-112323	11/23/2023	340 J	220 J
CAP SW Sampling 3Q23	WC-3	CAP3Q23-WC-3-24-072723	7/27/2023	280	180
CAP SW Sampling 4Q23	WC-3	CAP4Q23-WC-3-112323	11/23/2023	150	96

Notes:
1 - PFPrA concentrations were revised following the discovery of a calculation error by the analytical laboratory.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
PFPrA - perfluoropropanoic acid

Geosyntec consultants

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

Appendix D
Updated PFPrA Calculation Discussion and Table of Previously Reported Results Along with Revised, Corrected Results, Chemours Fayetteville Works, Fayetteville, NC

The Chemours Company
Fayetteville Works
22828 NC Highway 87 W
Fayetteville, NC 28306

June 18, 2024

Updated PFPrA Calculation Discussion and Table of Previously Reported Results Along with Revised, Corrected Results, Chemours Fayetteville Works, Fayetteville, NC

Perfluoropropanoic acid (PFPrA) is a Table 3+ compound that was added to the Fayetteville Works commercial analytical suite in June 2023. It is considered an "early eluter" because it is a small compound (with a three-carbon backbone) that is not retained well on chromatographic columns and is subject to interferences from the sample matrix, which makes it difficult to analyze. Analytical improvements such as better sample cleanup using solid-phase extraction cartridges have made it possible for PFPrA to be analyzed by commercial analytical laboratories Method 537Mod Max.

Certified PFPrA standards did not become available until July 2023. Prior to July 2023, commercial analytical laboratories were creating their own PFPrA standards from neat liquid PFPrA. It should be noted that when commercially prepared dilutions of PFPrA were first offered as certified solutions in July 2023, it was unclear if the solutions were correctly preserved to prevent esterification (short-chain fluorinated acids were believed to be prone to conversion to the methyl ester when prepared as methanolic solutions). One of Chemours' commercial analytical laboratories, Eurofins-Sacramento, conducted an internal comparative investigation in Q1 2024 to assess the validity of commercial standards. PFPrA standards were purchased from 3 vendors and compared to a standard correctly prepared at Eurofins- Sacramento. The comparative investigation indicated that the commercial standards were acceptable, and their use has now been implemented.

On April 23, 2024, Eurofins-Sacramento, informed Chemours via email that a calculation error had been incorporated into the preparation of calibration standards for PFPrA under the laboratory's 537 Mod Max methodology. This error occurred when PFPrA standard solutions prepared at Eurofins-Sacramento did not correctly incorporate the density of neat liquid PFPrA when adding a known volume of neat liquid PFPrA to water, resulting in the incorrect calculation of the concentration of the standards. The density of PFPrA was assumed to be 1.0 grams per milliliter (g/ml), but the true density of liquid PFPrA is 1.56 g/ml. The neat liquid PFPrA was purchased from Sigma-Aldrich and was 97% pure (see Attachment 1 for Certificate of Analysis). This level of purity is acceptable under Eurofins-Sacramento's Standard Operating Procedure, and is slightly purer than the purity of 96% allowed when making standards under EPA Method 537, from which Eurofins-Sacramento derives its Method 537 Mod Max.

For example, a standard solution created by adding 1.0 milliliters of PFPrA liquid to 1.0 liters of water was incorrectly determined to have a PFPrA concentration of 1.0 grams per liter (1.0 g/L), and the correct PFPrA concentration was 1.56 g/L.

The error resulted in a 36% low bias (36% = 100*[1.56 – 1.0]/1.56) in PFPrA concentrations reported for approximately 550 Chemours samples collected at and in the vicinity of the Fayetteville Works Site and reported between June 2023 and April 2024. Eurofins-Sacramento is now using the newly available commercially available certified standards to prepare calibration curves for PFPrA. Consequently, this error will not be repeated in the future. Chemours informed the North Carolina Department of Environmental Quality (NCDEQ) of the PFPrA calculation error via telephone on May 15, 2024, and provided NCDEQ with Eurofins-Sacramento's memo describing their root cause analysis of the PFPrA calculation error on May 22, 2024 (Attachment 2). PFPrA results that were incorrectly calculated have been corrected by Eurofins-Sacramento and revised PFPrA results have been provided to Chemours (Table 1).

Due to the requirement for fully defensible Level 4 data for PFPrA, the existing PFPrA results were not simply multiplied by 1.56 to correct for the low bias, but rather the laboratory generated the revised PFPrA data through their laboratory information management system (LIMS). Once reported, the original quantitative data becomes a permanent record in the LIMS, which necessitates regenerating the quantitative data in order to incorporate a fundamental change in the calculation basis, such as updated concentrations of calibration standards, and reporting of revised results. Re-generation of quantitative data includes re-integration of all analyte responses as well as generation of new calibration response factors and associated calculations of analyte concentrations. Note that this is a necessary process for many commercial analytical laboratories when regeneration of results from raw data is required.

Re-integrating chromatographic peaks in both standards and samples may yield different integrated areas than were originally generated. The different integrated areas in turn yield different concentrations than expected. A change in concentration due to re-integration can occur with either automated or manual re-integration but is more likely to occur with manual re-integration because manual integrations are more subjective than automated integrations. In the current case, the revised PFPrA concentrations were expected to increase by a factor of 1.56, but this was not always observed (Table 1). When the PFPrA (or the associated isotope dilution analyte (IDA)) concentration is low or is impacted by chromatographic interferences, small changes in integrations may have a significant effect on the results, as described below:

- Samples that contain very small amounts of PFPrA (i.e., the signal-to-noise ratio is large) - small changes in integration of the PFPrA results in changes to the revised PFPrA concentration that vary from the factor of 1.56;
- Samples with low IDA response due to extract dilutions necessitated by high target analyte concentrations - small changes in integration of the IDA results in changes to the revised PFPrA concentration that vary from the factor of 1.56. Chemours maintains an inventory of dilutions required for specific sampling locations, so when these locations are sampled in the future the expected concentrations can be addressed without adverse impacts on the IDA response; and
- Samples with significant effects from the matrix - the presence of chromatographic interferences means that the signal-to-noise ratio is large, whether or not the PFPrA or IDA

concentrations are small (although matrix effects tend to be more significant at lower PFPrA or IDA concentrations), which makes integration of the PFPrA and/or the IDA more variable.

Consequently, each revised PFPrA concentration may not show an increase of exactly 1.56 over the original concentration (in a few cases, the revised PFPrA concentration is actually lower than the initial PFPrA concentration). However, the revised PFPrA concentrations increased by an average factor of 1.57 over the original concentrations, which is close to the expected increase of 1.56. The range in the factor was 0.81 to 2.56, with a standard deviation of 0.14. Ninety-two percent of the factors fall within one standard deviation of the average (i.e., 92 % of the factors are between 1.43 and 1.71).

For upcoming Q1 2024 reports due on June 30, 2024, the PFPrA results will be corrected before they are submitted to NCDEQ. These reports will also include an appendix that provides corrected PFPrA results for samples collected between June 2023 to December 2023 that were previously submitted to NCDEQ. Revised lab reports for these 2023 samples will be uploaded to the shared OneDrive folder at the same time as the lab reports associated with the Q1 2024 reports.

Chemours is committed to producing good quality analytical data and will continue to work with its commercial analytical laboratories to monitor analytical data quality, implement improvements to analytical methods and communicate with NCDEQ regarding analytical issues.

Enclosures

Table 1 - Revised and Original PFPrA Concentrations

Attachment 1 – Sigma Aldrich Certificate of Analysis for Pentafluoropropionic Acid

Attachment 2 - RE: Investigation and Corrective Action for PFPrA Error

TABLE 1
REVISED AND ORIGINAL PFPRA CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Sampling Program	Sample ID	Sample Date	Sample Delivery Group	Laboratory Sample ID	PFPrA Concentration (ng/L)		Factor (revised concentration / original concentration)
					Revised Concentration*	Original Concentration	
2023 Perched Zone Sampling	FAY-D-EB-092023	20-Sep-23	320-105128-1	320-105128-1	<5	<5	--
2023 Perched Zone Sampling	FAY-D-EB-122023	20-Dec-23	320-108308-1	320-108308-1	<5	<5	--
2023 Perched Zone Sampling	FAY-D-MW-24-092023	20-Sep-23	320-105128-1	320-105128-5	300,000	200,000	1.50
2023 Perched Zone Sampling	FAY-D-MW-24-122023	20-Dec-23	320-108308-1	320-108308-5	150,000 J	170,000 J	0.88
2023 Perched Zone Sampling	FAY-D-NAF-03-092023	20-Sep-23	320-105128-1	320-105128-4	360,000	220,000	1.64
2023 Perched Zone Sampling	FAY-D-NAF-03-122023	20-Dec-23	320-108308-1	320-108308-3	320,000 J	370,000 J	0.86
2023 Perched Zone Sampling	FAY-D-NAF-03-122023-D	20-Dec-23	320-108308-1	320-108308-4	250,000 J	220,000 J	1.14
2023 Perched Zone Sampling	FAY-D-NAF-12-092023	20-Sep-23	320-105128-1	320-105128-2	150,000	93,000	1.61
2023 Perched Zone Sampling	FAY-D-NAF-12-092023-D	20-Sep-23	320-105128-1	320-105128-3	190,000	120,000	1.58
2023 Perched Zone Sampling	FAY-D-NAF-12-122023	20-Dec-23	320-108308-1	320-108308-2	350,000 J	430,000 J	0.81
CAP GW Sampling 3Q23	CAP3Q23-BCA-04-072023	20-Jul-23	320-102901-1	320-102901-5	79	51	1.55
CAP GW Sampling 3Q23	CAP3Q23-MW-17D-072023	20-Jul-23	320-102901-1	320-102901-6	1,400	900	1.56
CAP GW Sampling 3Q23	CAP3Q23-NAF-01-072123	21-Jul-23	320-102898-1	320-102898-1	350,000	220,000	1.59
CAP GW Sampling 3Q23	CAP3Q23-NAF-02-072023	20-Jul-23	320-102901-1	320-102901-9	1,100,000	660,000	1.67
CAP GW Sampling 3Q23	CAP3Q23-NAF-03-072023	20-Jul-23	320-102901-1	320-102901-10	58,000 J	37,000 J	1.57
CAP GW Sampling 3Q23	CAP3Q23-NAF-09-072023	20-Jul-23	320-102901-1	320-102901-1	67,000	42,000	1.60
CAP GW Sampling 3Q23	CAP3Q23-NAF-10-072023	20-Jul-23	320-102901-1	320-102901-2	4,900	3,100	1.58
CAP GW Sampling 3Q23	CAP3Q23-OW-55-072523	25-Jul-23	320-102898-1	320-102898-7	2,900	1,800	1.61
CAP GW Sampling 3Q23	CAP3Q23-PIW-12-072423	24-Jul-23	320-102898-1	320-102898-5	2,800	1,700	1.65
CAP GW Sampling 3Q23	CAP3Q23-PIW-13-072423	24-Jul-23	320-102898-1	320-102898-6	4,600	2,800	1.64
CAP GW Sampling 3Q23	CAP3Q23-PIW-14-072423	24-Jul-23	320-102898-1	320-102898-4	6,700	4,300	1.56
CAP GW Sampling 3Q23	CAP3Q23-PIW-15-072523	25-Jul-23	320-102898-1	320-102898-8	14,000	9,000	1.56
CAP GW Sampling 3Q23	CAP3Q23-PIW-2D-072023	20-Jul-23	320-102901-1	320-102901-7	18,000	12,000	1.50
CAP GW Sampling 3Q23	CAP3Q23-PW-05-072023	20-Jul-23	320-102901-1	320-102901-4	1,100	790	1.39
CAP GW Sampling 3Q23	CAP3Q23-PZ-13-072023	20-Jul-23	320-102901-1	320-102901-3	51,000	33,000	1.55
CAP GW Sampling 3Q23	CAP3Q23-PZ-14-072123	21-Jul-23	320-102898-1	320-102898-2	13,000	7,900	1.65
CAP GW Sampling 3Q23	CAP3Q23-SMW-04B-072023	20-Jul-23	320-102901-1	320-102901-8	3,800	2,400	1.58
CAP GW Sampling 3Q23	CAP3Q23-SMW-05PR-072123	21-Jul-23	320-102898-1	320-102898-3	23,000	15,000	1.53
CAP GW Sampling 4Q23	CAP4Q23-BLADEN-1DR-010424	04-Jan-24	320-108551-1	320-108551-1	200	130	1.54
CAP GW Sampling 4Q23	CAP4Q23-EQBLK-DV-110823	08-Nov-23	320-106887-1	320-106887-6	<5	<5	--
CAP GW Sampling 4Q23	CAP4Q23-EQBLK-DV-110823-Z	08-Nov-23	320-106887-1	320-106887-5	<5	<5	--
CAP GW Sampling 4Q23	CAP4Q23-EQBLK-PP-010424	04-Jan-24	320-108551-1	320-108551-2	<5	<5	--
CAP GW Sampling 4Q23	CAP4Q23-EQBLK-PP-110823	08-Nov-23	320-106887-1	320-106887-9	<5	<5	--
CAP GW Sampling 4Q23	CAP4Q23-EQBLK-PP-110823-Z	08-Nov-23	320-106887-1	320-106887-8	<5	<5	--
CAP GW Sampling 4Q23	CAP4Q23-LTW-01-110323	03-Nov-23	320-106773-1	320-106773-1	24,000	14,000	1.71
CAP GW Sampling 4Q23	CAP4Q23-LTW-02-110323	03-Nov-23	320-106772-1	320-106772-7	21,000	13,000	1.62
CAP GW Sampling 4Q23	CAP4Q23-LTW-04-110223	02-Nov-23	320-106772-1	320-106772-5	48,000	30,000	1.60
CAP GW Sampling 4Q23	CAP4Q23-LTW-05-110223	02-Nov-23	320-106772-1	320-106772-1	120,000	68,000	1.76
CAP GW Sampling 4Q23	CAP4Q23-OW-28-110223	02-Nov-23	320-106772-1	320-106772-6	5,500	3,500	1.57
CAP GW Sampling 4Q23	CAP4Q23-OW-33-110223	02-Nov-23	320-106773-1	320-106773-3	9,400	6,000	1.57
CAP GW Sampling 4Q23	CAP4Q23-OW-33-110223-D	02-Nov-23	320-106773-1	320-106773-4	9,000	5,900	1.53
CAP GW Sampling 4Q23	CAP4Q23-PIW-1D-110723	07-Nov-23	320-106887-1	320-106887-1	12,000	7,500	1.60
CAP GW Sampling 4Q23	CAP4Q23-PIW-1D-110723-Z	07-Nov-23	320-106887-1	320-106887-2	12,000	7,700	1.56
CAP GW Sampling 4Q23	CAP4Q23-PIW-3D-110323	03-Nov-23	320-106773-1	320-106773-2	21,000	13,000	1.62
CAP GW Sampling 4Q23	CAP4Q23-PIW-7D-110223	02-Nov-23	320-106772-1	320-106772-3	86,000	52,000	1.65
CAP GW Sampling 4Q23	CAP4Q23-PIW-7S-110223	02-Nov-23	320-106772-1	320-106772-2	18,000	12,000	1.50
CAP GW Sampling 4Q23	CAP4Q23-PW-06-110623	06-Nov-23	320-106773-1	320-106773-5	840	520	1.62
CAP GW Sampling 4Q23	CAP4Q23-PW-09-110823	08-Nov-23	320-106887-1	320-106887-4	<5 UJ	<5 UJ	--
CAP GW Sampling 4Q23	CAP4Q23-PW-09-110823-Z	08-Nov-23	320-106887-1	320-106887-7	<5 UJ	<5 UJ	--
CAP GW Sampling 4Q23	CAP4Q23-PZ-22-110223	02-Nov-23	320-106772-1	320-106772-4	84,000	51,000	1.65
CAP GW Sampling 4Q23	CAP4Q23-SMW-11-110723	07-Nov-23	320-106887-1	320-106887-3	6,100	3,800	1.61
CAP MW Sampling 3Q23	CAP3Q23-BCA-01-070723	07-Jul-23	320-102399-1	320-102399-1	34,000	18,000	1.89
CAP MW Sampling 3Q23	CAP3Q23-BCA-02-070723	07-Jul-23	320-102399-1	320-102399-2	13,000	7,300	1.78
CAP MW Sampling 3Q23	CAP3Q23-BCA-03R-071123	11-Jul-23	320-102509-1	320-102509-9	110,000 J	69,000 J	1.59
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-1DR-071223	12-Jul-23	320-102527-1	320-102527-9	240	160	1.50
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-2D-080223	02-Aug-23	320-103526-1	320-103526-3	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-2S-080123	01-Aug-23	320-103526-1	320-103526-2	77	48	1.60
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-3D-082323	23-Aug-23	320-104207-1	320-104207-1	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-3S-082223	22-Aug-23	320-104225-1	320-104225-5	80	49	1.63
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-4D-082323	23-Aug-23	320-104207-1	320-104207-2	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-4S-082323	23-Aug-23	320-104225-1	320-104225-7	16	10	1.60
CAP MW Sampling 3Q23	CAP3Q23-BLADEN-4S-082323-Z	23-Aug-23	320-104225-1	320-104225-8	16	9.9	1.62
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-1D-072823	28-Jul-23	320-103202-1	320-103202-2	39	24	1.63
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-1S-072723	27-Jul-23	320-103202-1	320-103202-1	37	23	1.61
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-2D-072823	28-Jul-23	320-103202-1	320-103202-4	5.7 B	<5	--
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-2S-072823	28-Jul-23	320-103202-1	320-103202-3	39	23	1.70
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-3D-082223	22-Aug-23	320-104207-1	320-104207-4	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-3S-082223	22-Aug-23	320-104207-1	320-104207-6	27	17	1.59
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-4D-082223	22-Aug-23	320-104225-1	320-104225-4	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-4S-082223	22-Aug-23	320-104225-1	320-104225-6	96	62	1.55
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-5DR-082423	24-Aug-23	320-104225-1	320-104225-3	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-CUMBERLAND-5S-082423	24-Aug-23	320-104225-1	320-104225-10	22	13	1.69
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-BAILER-102423	24-Oct-23	320-106378-1	320-106378-1	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-BAILER-102423-Z	24-Oct-23	320-106378-1	320-106378-2	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-BP-071123	11-Jul-23	320-102509-1	320-102509-10	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-DV-071223	12-Jul-23	320-102509-1	320-102509-11	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-DV-081623	16-Aug-23	320-104043-1	320-104043-6	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-FILTER-071423	14-Jul-23	320-102718-1	320-102718-11	<5	<5	--

TABLE 1
REVISED AND ORIGINAL PFPRA CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Sampling Program	Sample ID	Sample Date	Sample Delivery Group	Laboratory Sample ID	PFPrA Concentration (ng/L)		Factor (revised concentration / original concentration)
					Revised Concentration*	Original Concentration	
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-071223	12-Jul-23	320-102527-1	320-102527-10	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-071723	17-Jul-23	320-102718-1	320-102718-10	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-080423	04-Aug-23	320-104043-1	320-104043-4	<5 UJ	<5 UJ	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-081823	18-Aug-23	320-104043-1	320-104043-5	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-102423	24-Oct-23	320-106378-1	320-106378-3	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-EQBLK-PP-102423-Z	24-Oct-23	320-106378-1	320-106378-4	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-FTA-01-071923	19-Jul-23	320-102791-1	320-102791-1	280	180	1.56
CAP MW Sampling 3Q23	CAP3Q23-FTA-02-071923	19-Jul-23	320-102791-1	320-102791-2	21,000	14,000	1.50
CAP MW Sampling 3Q23	CAP3Q23-FTA-02-071923-D	19-Jul-23	320-102791-1	320-102791-3	21,000	13,000	1.62
CAP MW Sampling 3Q23	CAP3Q23-FTA-03-071923	19-Jul-23	320-102791-1	320-102791-4	14,000	8,600	1.63
CAP MW Sampling 3Q23	CAP3Q23-INSITU-01-071323	13-Jul-23	320-102712-1	320-102712-8	850	530	1.60
CAP MW Sampling 3Q23	CAP3Q23-LTW-01-071323	13-Jul-23	320-102712-1	320-102712-2	22,000	14,000	1.57
CAP MW Sampling 3Q23	CAP3Q23-LTW-02-071223	12-Jul-23	320-102527-1	320-102527-8	16,000	11,000	1.45
CAP MW Sampling 3Q23	CAP3Q23-LTW-03-071223	12-Jul-23	320-102527-1	320-102527-5	62,000 J	37,000	1.68
CAP MW Sampling 3Q23	CAP3Q23-LTW-04-071123	11-Jul-23	320-102527-1	320-102527-1	53,000	29,000	1.83
CAP MW Sampling 3Q23	CAP3Q23-LTW-05-071123	11-Jul-23	320-102509-1	320-102509-6	83,000 J	52,000 J	1.60
CAP MW Sampling 3Q23	CAP3Q23-MW-24-071823	18-Jul-23	320-102688-1	320-102688-1	240,000	150,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-MW-13D-071023	10-Jul-23	320-102399-1	320-102399-9	61,000 J	39,000 J	1.56
CAP MW Sampling 3Q23	CAP3Q23-MW-14D-071323	13-Jul-23	320-102716-1	320-102716-2	130,000	83,000	1.57
CAP MW Sampling 3Q23	CAP3Q23-MW-15DRR-071123	11-Jul-23	320-102509-1	320-102509-1	8,800	5,300	1.66
CAP MW Sampling 3Q23	CAP3Q23-MW-16D-071223	12-Jul-23	320-102527-1	320-102527-7	1,000	630	1.59
CAP MW Sampling 3Q23	CAP3Q23-MW-18D-071723	17-Jul-23	320-102716-1	320-102716-6	680	430	1.58
CAP MW Sampling 3Q23	CAP3Q23-MW-19D-071023	10-Jul-23	320-102399-1	320-102399-10	960	640	1.50
CAP MW Sampling 3Q23	CAP3Q23-MW-12S-071823	18-Jul-23	320-102688-1	320-102688-2	6,600	4,300	1.53
CAP MW Sampling 3Q23	CAP3Q23-MW-20D-071123	11-Jul-23	320-102509-1	320-102509-7	4,900	3,300	1.48
CAP MW Sampling 3Q23	CAP3Q23-MW-20D-071123-D	11-Jul-23	320-102509-1	320-102509-8	5,300	3,300	1.61
CAP MW Sampling 3Q23	CAP3Q23-MW-21D-071423	14-Jul-23	320-102716-1	320-102716-4	800	500	1.60
CAP MW Sampling 3Q23	CAP3Q23-MW-22D-071223	12-Jul-23	320-102527-1	320-102527-4	970	580	1.67
CAP MW Sampling 3Q23	CAP3Q23-MW-23-071723	17-Jul-23	320-102718-1	320-102718-2	2,500	1,400	1.79
CAP MW Sampling 3Q23	CAP3Q23-MW-1S-071823	18-Jul-23	320-102688-1	320-102688-3	11,000	6,600	1.67
CAP MW Sampling 3Q23	CAP3Q23-MW-25-071823	18-Jul-23	320-102718-1	320-102718-7	10,000	6,700	1.49
CAP MW Sampling 3Q23	CAP3Q23-MW-27-071323	13-Jul-23	320-102712-1	320-102712-7	40,000	26,000	1.54
CAP MW Sampling 3Q23	CAP3Q23-MW-28-071323	13-Jul-23	320-102712-1	320-102712-4	730	460	1.59
CAP MW Sampling 3Q23	CAP3Q23-MW-30-071823	18-Jul-23	320-102718-1	320-102718-5	7,000	4,700	1.49
CAP MW Sampling 3Q23	CAP3Q23-MW-7S-071823	18-Jul-23	320-102718-1	320-102718-6	5,700	3,900	1.46
CAP MW Sampling 3Q23	CAP3Q23-MW-9S-071823	18-Jul-23	320-102718-1	320-102718-9	2,900	1,800	1.61
CAP MW Sampling 3Q23	CAP3Q23-NAF-04-081723	17-Aug-23	320-104207-1	320-104207-7	160,000	100,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-NAF-05A-102423	24-Oct-23	320-106358-1	320-106358-1	240,000	150,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-NAF-05A-102423-D	24-Oct-23	320-106358-1	320-106358-2	240,000	150,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-NAF-05A-102423-D-Z	24-Oct-23	320-106358-1	320-106358-4	240,000	150,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-NAF-05A-102423-Z	24-Oct-23	320-106358-1	320-106358-3	190,000	120,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-NAF-06-071923	19-Jul-23	320-102796-1	320-102796-1	380,000	240,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-NAF-06-071923-Z	19-Jul-23	320-102796-1	320-102796-2	410,000	250,000	1.64
CAP MW Sampling 3Q23	CAP3Q23-NAF-07-071923	19-Jul-23	320-102796-1	320-102796-3	3,600	2,100	1.71
CAP MW Sampling 3Q23	CAP3Q23-NAF-08A-081723	17-Aug-23	320-104225-1	320-104225-2	41,000	26,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-NAF-11A-071923	19-Jul-23	320-102796-1	320-102796-4	15,000	9,400	1.60
CAP MW Sampling 3Q23	CAP3Q23-NAF-12-081723	17-Aug-23	320-104225-1	320-104225-1	200,000	130,000	1.54
CAP MW Sampling 3Q23	CAP3Q23-NAF-13-102423	24-Oct-23	320-106358-1	320-106358-5	10,000	6,600	1.52
CAP MW Sampling 3Q23	CAP3Q23-NAF-13-102423-Z	24-Oct-23	320-106358-1	320-106358-6	10,000	6,600	1.52
CAP MW Sampling 3Q23	CAP3Q23-OW-28-071123	11-Jul-23	320-102509-1	320-102509-5	5,200	3,500	1.49
CAP MW Sampling 3Q23	CAP3Q23-OW-30-071323	13-Jul-23	320-102712-1	320-102712-10	19,000	12,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-OW-30-071323-Z	13-Jul-23	320-102712-1	320-102712-11	19,000	12,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-OW-32-090823	08-Sep-23	320-104780-1	320-104780-1	990	640	1.55
CAP MW Sampling 3Q23	CAP3Q23-OW-32-090823-D	08-Sep-23	320-104780-1	320-104780-2	970	620	1.56
CAP MW Sampling 3Q23	CAP3Q23-OW-32-090823-D-Z	08-Sep-23	320-104780-1	320-104780-4	930	620	1.50
CAP MW Sampling 3Q23	CAP3Q23-OW-32-090823-Z	08-Sep-23	320-104780-1	320-104780-3	1,000	650	1.54
CAP MW Sampling 3Q23	CAP3Q23-OW-33-071223	12-Jul-23	320-102527-1	320-102527-3	9,900	5,400	1.83
CAP MW Sampling 3Q23	CAP3Q23-OW-37-081023	10-Aug-23	320-104266-1	320-104266-3	8,200 J	5,200 J	1.58
CAP MW Sampling 3Q23	CAP3Q23-OW-40-071323	13-Jul-23	320-102712-1	320-102712-9	5,700	3,700	1.54
CAP MW Sampling 3Q23	CAP3Q23-OW-4R-080423	04-Aug-23	320-103526-1	320-103526-7	25,000	17,000	1.47
CAP MW Sampling 3Q23	CAP3Q23-OW-51-080323	03-Aug-23	320-103526-1	320-103526-6	92,000	60,000	1.53
CAP MW Sampling 3Q23	CAP3Q23-OW-56-073123	31-Jul-23	320-103202-1	320-103202-9	2,200	1,400	1.57
CAP MW Sampling 3Q23	CAP3Q23-OW-57-073123	31-Jul-23	320-103202-1	320-103202-10	44,000	28,000	1.57
CAP MW Sampling 3Q23	CAP3Q23-PIW-10DR-071423	14-Jul-23	320-102716-1	320-102716-5	26,000	17,000	1.53
CAP MW Sampling 3Q23	CAP3Q23-PIW-10S-071323	13-Jul-23	320-102712-1	320-102712-5	5,300	3,100	1.71
CAP MW Sampling 3Q23	CAP3Q23-PIW-11-073123	31-Jul-23	320-103202-1	320-103202-8	3,400	2,000	1.70
CAP MW Sampling 3Q23	CAP3Q23-PIW-16D-071423	14-Jul-23	320-102716-1	320-102716-3	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-PIW-16S-071023	10-Jul-23	320-102399-1	320-102399-7	1,100	770	1.43
CAP MW Sampling 3Q23	CAP3Q23-PIW-1D-080223	02-Aug-23	320-103526-1	320-103526-4	12,000 J	7,800	1.54
CAP MW Sampling 3Q23	CAP3Q23-PIW-3D-071323	13-Jul-23	320-102712-1	320-102712-1	19,000	11,000	1.73
CAP MW Sampling 3Q23	CAP3Q23-PIW-4D-071323	13-Jul-23	320-102712-1	320-102712-3	880	550	1.60
CAP MW Sampling 3Q23	CAP3Q23-PIW-5SR-080423	04-Aug-23	320-103526-1	320-103526-8	44,000	29,000	1.52
CAP MW Sampling 3Q23	CAP3Q23-PIW-5SR-080423-Z	04-Aug-23	320-103526-1	320-103526-9	40,000	26,000	1.54
CAP MW Sampling 3Q23	CAP3Q23-PIW-6S-071223	12-Jul-23	320-102527-1	320-102527-6	64,000 J	50,000 J	1.28
CAP MW Sampling 3Q23	CAP3Q23-PIW-7D-071123	11-Jul-23	320-102509-1	320-102509-3	79,000 J	49,000 J	1.61
CAP MW Sampling 3Q23	CAP3Q23-PIW-7S-071123	11-Jul-23	320-102509-1	320-102509-2	14,000	9,700	1.44
CAP MW Sampling 3Q23	CAP3Q23-PIW-8D-071123	11-Jul-23	320-102509-1	320-102509-4	57,000	34,000	1.68
CAP MW Sampling 3Q23	CAP3Q23-PW-01-071723	17-Jul-23	320-102716-1	320-102716-10	48,000	33,000	1.45

TABLE 1
REVISED AND ORIGINAL PFPRA CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Sampling Program	Sample ID	Sample Date	Sample Delivery Group	Laboratory Sample ID	PFPrA Concentration (ng/L)		Factor (revised concentration / original concentration)
					Revised Concentration*	Original Concentration	
CAP MW Sampling 3Q23	CAP3Q23-PW-02-071923	19-Jul-23	320-102796-1	320-102796-5	6,400	4,000	1.60
CAP MW Sampling 3Q23	CAP3Q23-PW-02-071923-Z	19-Jul-23	320-102796-1	320-102796-6	6,600	4,300	1.53
CAP MW Sampling 3Q23	CAP3Q23-PW-03-071923	19-Jul-23	320-102796-1	320-102796-7	76,000	47,000	1.62
CAP MW Sampling 3Q23	CAP3Q23-PW-04-072823	28-Jul-23	320-103202-1	320-103202-5	1,400	900	1.56
CAP MW Sampling 3Q23	CAP3Q23-PW-04-072823-Z	28-Jul-23	320-103202-1	320-103202-6	1,600	890	1.80
CAP MW Sampling 3Q23	CAP3Q23-PW-06-071023	10-Jul-23	320-102399-1	320-102399-11	920	620	1.48
CAP MW Sampling 3Q23	CAP3Q23-PW-09-081023	10-Aug-23	320-104266-1	320-104266-1	<5 UJ	<5 UJ	--
CAP MW Sampling 3Q23	CAP3Q23-PW-09-081023-Z	10-Aug-23	320-104266-1	320-104266-2	<5 UJ	<5 UJ	--
CAP MW Sampling 3Q23	CAP3Q23-PW-10RR-080323	03-Aug-23	320-103526-1	320-103526-5	60,000	39,000	1.54
CAP MW Sampling 3Q23	CAP3Q23-PW-11-070723	07-Jul-23	320-102399-1	320-102399-3	25,000	17,000	1.47
CAP MW Sampling 3Q23	CAP3Q23-PW-12-071723	17-Jul-23	320-102716-1	320-102716-7	22	14	1.57
CAP MW Sampling 3Q23	CAP3Q23-PW-13-071323	13-Jul-23	320-102716-1	320-102716-1	<5	<5	--
CAP MW Sampling 3Q23	CAP3Q23-PW-14-070723	07-Jul-23	320-102399-1	320-102399-4	35,000	24,000	1.46
CAP MW Sampling 3Q23	CAP3Q23-PW-14-070723-D	07-Jul-23	320-102399-1	320-102399-5	36,000	24,000	1.50
CAP MW Sampling 3Q23	CAP3Q23-PW-15R-070723	07-Jul-23	320-102399-1	320-102399-6	91,000 J	58,000 J	1.57
CAP MW Sampling 3Q23	CAP3Q23-PZ-11-071723	17-Jul-23	320-102716-1	320-102716-8	2,700	1,500	1.80
CAP MW Sampling 3Q23	CAP3Q23-PZ-15-071823	18-Jul-23	320-102718-1	320-102718-8	4,500	3,000	1.50
CAP MW Sampling 3Q23	CAP3Q23-PZ-19R-081523	15-Aug-23	320-104207-1	320-104207-3	14,000	8,900	1.57
CAP MW Sampling 3Q23	CAP3Q23-PZ-20R-081523	15-Aug-23	320-104207-1	320-104207-5	13,000	8,200	1.59
CAP MW Sampling 3Q23	CAP3Q23-PZ-21R-081523	15-Aug-23	320-104225-1	320-104225-9	4,700	2,900	1.62
CAP MW Sampling 3Q23	CAP3Q23-PZ-24-071723	17-Jul-23	320-102718-1	320-102718-4	2,900	1,700	1.71
CAP MW Sampling 3Q23	CAP3Q23-PZ-26-071723	17-Jul-23	320-102718-1	320-102718-1	130	91	1.43
CAP MW Sampling 3Q23	CAP3Q23-PZ-27-071323	13-Jul-23	320-102712-1	320-102712-6	350	230	1.52
CAP MW Sampling 3Q23	CAP3Q23-PZ-28-071723	17-Jul-23	320-102718-1	320-102718-3	440	310	1.42
CAP MW Sampling 3Q23	CAP3Q23-PZ-35-082123	21-Aug-23	320-104266-1	320-104266-4	8,700	5,400	1.61
CAP MW Sampling 3Q23	CAP3Q23-PZ-35-082123-D	21-Aug-23	320-104266-1	320-104266-5	8,600	5,400	1.59
CAP MW Sampling 3Q23	CAP3Q23-ROBESON-1D-072823	28-Jul-23	320-103202-1	320-103202-7	23 B	13	1.77
CAP MW Sampling 3Q23	CAP3Q23-ROBESON-1S-080123	01-Aug-23	320-103526-1	320-103526-1	39	26	1.50
CAP MW Sampling 3Q23	CAP3Q23-SMW-01-071023	10-Jul-23	320-102399-1	320-102399-8	610	400	1.53
CAP MW Sampling 3Q23	CAP3Q23-SMW-03B-071923	19-Jul-23	320-102791-1	320-102791-5	150,000	95,000	1.58
CAP MW Sampling 3Q23	CAP3Q23-SMW-06B-081623	16-Aug-23	320-104043-1	320-104043-1	260,000	170,000	1.53
CAP MW Sampling 3Q23	CAP3Q23-SMW-07-071823	18-Jul-23	320-102688-1	320-102688-4	1,000	500	2.00
CAP MW Sampling 3Q23	CAP3Q23-SMW-08B-081623	16-Aug-23	320-104043-1	320-104043-2	31,000	20,000	1.55
CAP MW Sampling 3Q23	CAP3Q23-SMW-08B-081623-D	16-Aug-23	320-104043-1	320-104043-3	31,000	20,000	1.55
CAP MW Sampling 3Q23	CAP3Q23-SMW-09-071923	19-Jul-23	320-102791-1	320-102791-6	4,800	3,100	1.55
CAP MW Sampling 3Q23	CAP3Q23-SMW-10-071723	17-Jul-23	320-102716-1	320-102716-9	210	130	1.62
CAP MW Sampling 3Q23	CAP3Q23-SMW-11-071723	17-Jul-23	320-102716-1	320-102716-11	4,500	3,000	1.50
CAP MW Sampling 3Q23	CAP3Q23-SMW-12-071823	18-Jul-23	320-102688-1	320-102688-5	5,900	3,900	1.51
CAP MW Sampling 3Q23	CAP3Q-PZ-22-071123	11-Jul-23	320-102527-1	320-102527-2	76,000	48,000	1.58
CAP MW Sampling 4Q23	CAP4Q23-EQBLK-BAILER-110923	09-Nov-23	320-107233-1	320-107233-6	<5	<5	--
CAP MW Sampling 4Q23	CAP4Q23-EQBLK-BAILER-110923-Z	09-Nov-23	320-107233-1	320-107233-7	<5	<5	--
CAP MW Sampling 4Q23	CAP4Q23-LTW-03-111323	13-Nov-23	320-107233-1	320-107233-3	61,000 J	38,000 J	1.61
CAP MW Sampling 4Q23	CAP4Q23-PW-04-110923	09-Nov-23	320-107233-1	320-107233-1	1,500	960	1.56
CAP MW Sampling 4Q23	CAP4Q23-PW-04-110923-Z	09-Nov-23	320-107233-1	320-107233-2	1,500	980	1.53
CAP MW Sampling 4Q23	CAP4Q23-SMW-10-111623	16-Nov-23	320-107233-1	320-107233-5	230	160	1.44
CAP MW Sampling 4Q23	CAP4Q23-SMW-12-110823	08-Nov-23	320-107233-1	320-107233-4	7,000	4,600	1.52
CAP SW Sampling 3Q23	CAP3Q23-CFR-BLADEN-072623	26-Jul-23	320-103017-1	320-103017-5	44	26	1.69
CAP SW Sampling 3Q23	CAP3Q23-CFR-KINGS-080123	01-Aug-23	320-103199-1	320-103199-2	32	21	1.52
CAP SW Sampling 3Q23	CAP3Q23-CFR-RM-76-072623	26-Jul-23	320-103017-1	320-103017-1	27	17	1.59
CAP SW Sampling 3Q23	CAP3Q23-CFR-TARHEEL-072723	27-Jul-23	320-103017-1	320-103017-6	44	26	1.69
CAP SW Sampling 3Q23	CAP3Q23-CFR-TARHEEL-6-072723	27-Jul-23	320-103199-1	320-103199-1	32	20	1.60
CAP SW Sampling 3Q23	CAP3Q23-EQBLK-IS-072723	27-Jul-23	320-103017-1	320-103017-7	<5	<5	--
CAP SW Sampling 3Q23	CAP3Q23-EQBLK-PP-072723	27-Jul-23	320-103017-1	320-103017-8	<5	<5	--
CAP SW Sampling 3Q23	CAP3Q23-GBC-1-072623	26-Jul-23	320-103017-1	320-103017-2	540	330	1.64
CAP SW Sampling 3Q23	CAP3Q23-LOCK-DAM-NORTH-072623	26-Jul-23	320-103017-1	320-103017-4	5,500	3,300	1.67
CAP SW Sampling 3Q23	CAP3Q23-LOCK-DAM-SEEP-072623	26-Jul-23	320-103017-1	320-103017-3	22,000	13,000	1.69
CAP SW Sampling 3Q23	CAP3Q23-OLDOF-1-24-072723	27-Jul-23	320-103013-1	320-103013-6	1,400	920	1.52
CAP SW Sampling 3Q23	CAP3Q23-OUTFALL-002-24-072723	27-Jul-23	320-103016-1	320-103016-4	730	460	1.59
CAP SW Sampling 3Q23	CAP3Q23-SEEP-A-EFF-24-072723	27-Jul-23	320-103013-2	320-103013-1	3,700 J	2,300 J	1.61
CAP SW Sampling 3Q23	CAP3Q23-SEEP-B-EFF-24-072723	27-Jul-23	320-103013-2	320-103013-2	1,700 J	1,100 J	1.55
CAP SW Sampling 3Q23	CAP3Q23-SEEP-C-EFF-24-072723	27-Jul-23	320-103013-2	320-103013-3	330 J	200 J	1.65
CAP SW Sampling 3Q23	CAP3Q23-SEEP-D-EFF-24-072723	27-Jul-23	320-103013-1	320-103013-4	370	240	1.54
CAP SW Sampling 3Q23	CAP3Q23-WC-1-24-072723	27-Jul-23	320-103016-1	320-103016-1	770	500	1.54
CAP SW Sampling 3Q23	CAP3Q23-WC-2-24-072723	27-Jul-23	320-103016-1	320-103016-2	570	360	1.58
CAP SW Sampling 3Q23	CAP3Q23-WC-3-24-072723	27-Jul-23	320-103016-1	320-103016-3	280	180	1.56
CAP SW Sampling 3Q23	OUTFALL-002-24-072723-D	27-Jul-23	320-103016-1	320-103016-5	730	480	1.52
CAP SW Sampling 3Q23	RIVER-WATER-INTAKE2-072623	26-Jul-23	320-103013-1	320-103013-5	1,100	680	1.62
CAP SW Sampling 3Q23	RIVER-WATER-INTAKE2-24-072823	28-Jul-23	320-103199-1	320-103199-3	210	130	1.62
CAP SW Sampling 4Q23	CAP4Q23-CFR-BLADEN-120623	06-Dec-23	320-107896-1	320-107896-1	49	31	1.58
CAP SW Sampling 4Q23	CAP4Q23-CFR-KINGS-121423	14-Dec-23	320-108081-1	320-108081-1	44 J	28 J	1.57
CAP SW Sampling 4Q23	CAP4Q23-CFR-RM-76-112223	22-Nov-23	320-107648-1	320-107648-1	20	11	1.82
CAP SW Sampling 4Q23	CAP4Q23-CFR-TARHEEL-120623	06-Dec-23	320-107896-1	320-107896-2	50	32	1.56
CAP SW Sampling 4Q23	CAP4Q23-GBC-1-112223	22-Nov-23	320-107648-1	320-107648-2	680	410	1.66
CAP SW Sampling 4Q23	CAP4Q23-LOCK-DAM-NORTH-112223	22-Nov-23	320-107648-1	320-107648-5	4,800	3,000	1.60
CAP SW Sampling 4Q23	CAP4Q23-LOCK-DAM-SEEP-112223	22-Nov-23	320-107648-1	320-107648-3	9,000 J	5,600 J	1.61
CAP SW Sampling 4Q23	CAP4Q23-LOCK-DAM-SEEP-112223-D	22-Nov-23	320-107648-1	320-107648-4	8,600 J	10,000 J	0.86
CAP SW Sampling 4Q23	CAP4Q23-OLDOF-1-24-112323	23-Nov-23	320-107480-1	320-107480-9	1,600	1,000	1.60
CAP SW Sampling 4Q23	CAP4Q23-OUTFALL-002-112323	23-Nov-23	320-107480-1	320-107480-6	230	150	1.53

TABLE 1
REVISED AND ORIGINAL PFPRA CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Sampling Program	Sample ID	Sample Date	Sample Delivery Group	Laboratory Sample ID	PFPrA Concentration (ng/L)		Factor (revised concentration / original concentration)
					Revised Concentration*	Original Concentration	
CAP SW Sampling 4Q23	CAP4Q23-SEEP-C-112323	23-Nov-23	320-107480-1	320-107480-4	22	14	1.57
CAP SW Sampling 4Q23	CAP4Q23-TARHEEL-24-112423	24-Nov-23	320-107480-1	320-107480-8	37	25	1.48
CAP SW Sampling 4Q23	CAP4Q23-WC-1-112323	23-Nov-23	320-107480-1	320-107480-1	250	170	1.47
CAP SW Sampling 4Q23	CAP4Q23-WC-1-112323-D	23-Nov-23	320-107480-1	320-107480-7	330	210	1.57
CAP SW Sampling 4Q23	CAP4Q23-WC-2-112323	23-Nov-23	320-107480-1	320-107480-2	340 J	220 J	1.55
CAP SW Sampling 4Q23	CAP4Q23-WC-3-112323	23-Nov-23	320-107480-1	320-107480-3	150	96	1.56
CAP SW Sampling 4Q23	RIVER-WATER-INTAKE2-24-112323	23-Nov-23	320-107480-1	320-107480-5	1,800	1,200	1.50
P11 Dry Sampling 11/23	DITrailerOutlet-112823	28-Nov-23	320-107660-1	320-107660-3	<5	<5	--
P11 Dry Sampling 11/23	STW-LOC-16-112823	28-Nov-23	320-107660-1	320-107660-4	150,000	95,000	1.58
P11 Dry Sampling 11/23	STW-LOC-18-4-112823	28-Nov-23	320-107656-1	320-107656-2	43 J	<25 UJ	--
P11 Dry Sampling 11/23	STW-LOC-19A-112823	28-Nov-23	320-107660-1	320-107660-1	46	29	1.59
P11 Dry Sampling 11/23	STW-LOC-19B-112823	28-Nov-23	320-107660-1	320-107660-5	25	16	1.56
P11 Dry Sampling 11/23	STW-LOC-22-4-112823	28-Nov-23	320-107656-1	320-107656-3	250	160	1.56
P11 Dry Sampling 11/23	STW-LOC-22-4-112823-D	28-Nov-23	320-107656-1	320-107656-4	270	170	1.59
P11 Dry Sampling 11/23	STW-LOC-23C-1-4-112823	28-Nov-23	320-107656-1	320-107656-5	170	120	1.42
P11 Dry Sampling 11/23	STW-LOC-23C-2-4-112823	28-Nov-23	320-107656-1	320-107656-6	54	35	1.54
P11 Dry Sampling 11/23	STW-LOC-23C-3-4-112823	28-Nov-23	320-107656-1	320-107656-7	20	13	1.54
P11 Dry Sampling 11/23	STW-LOC-8-4-112823	28-Nov-23	320-107656-1	320-107656-1	870	570	1.53
P11 Dry Sampling 11/23	STW-LOC-9A-112823	28-Nov-23	320-107660-1	320-107660-2	110	69	1.59
P11 Dry Sampling 11/23	STW-LOC-EB-DR-112823	28-Nov-23	320-107660-1	320-107660-6	<5	<5	--
P11 Dry Sampling 11/23	STW-LOC-EB-IS-112823	28-Nov-23	320-107660-1	320-107660-8	<5	<5	--
P11 Dry Sampling 11/23	STW-LOC-FB-112823	28-Nov-23	320-107660-1	320-107660-7	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-10A-4-080423	04-Aug-23	320-103457-1	320-103457-2	820	540	1.52
P11 Dry Sampling 8/23	STW-LOC-11-3.66-080423	04-Aug-23	320-103457-1	320-103457-3	230	150	1.53
P11 Dry Sampling 8/23	STW-LOC-12-4-080423	04-Aug-23	320-103457-1	320-103457-4	150	95	1.58
P11 Dry Sampling 8/23	STW-LOC-13-4-080423	04-Aug-23	320-103457-1	320-103457-5	110	68	1.62
P11 Dry Sampling 8/23	STW-LOC-1-4-080423	04-Aug-23	320-103460-1	320-103460-1	150	94	1.60
P11 Dry Sampling 8/23	STW-LOC-14-4-080423	04-Aug-23	320-103457-1	320-103457-6	110	66	1.67
P11 Dry Sampling 8/23	STW-LOC-15-4-080423	04-Aug-23	320-103457-1	320-103457-7	930	610	1.52
P11 Dry Sampling 8/23	STW-LOC-16-080723	07-Aug-23	320-103451-1	320-103451-4	1,400,000	490,000	2.86
P11 Dry Sampling 8/23	STW-LOC-18-4-080723	07-Aug-23	320-103461-1	320-103461-6	250	160	1.56
P11 Dry Sampling 8/23	STW-LOC-18-4-080723-D	07-Aug-23	320-103461-1	320-103461-7	250	160	1.56
P11 Dry Sampling 8/23	STW-LOC-19A-080723	07-Aug-23	320-103451-1	320-103451-1	99	64	1.55
P11 Dry Sampling 8/23	STW-LOC-19B-080723	07-Aug-23	320-103451-1	320-103451-2	72	46	1.57
P11 Dry Sampling 8/23	STW-LOC-20-4-080423	04-Aug-23	320-103457-1	320-103457-8	470	310	1.52
P11 Dry Sampling 8/23	STW-LOC-21A-080423	04-Aug-23	320-103457-1	320-103457-9	280	180	1.56
P11 Dry Sampling 8/23	STW-LOC-22-4-080723	07-Aug-23	320-103461-1	320-103461-1	140 J	91 J	1.54
P11 Dry Sampling 8/23	STW-LOC-23C-1-4-080723	07-Aug-23	320-103461-1	320-103461-3	330	200	1.65
P11 Dry Sampling 8/23	STW-LOC-23C-2-2-080723	07-Aug-23	320-103461-1	320-103461-4	70	44	1.59
P11 Dry Sampling 8/23	STW-LOC-23C-3-4-080723	07-Aug-23	320-103461-1	320-103461-5	210	130	1.62
P11 Dry Sampling 8/23	STW-LOC-2-4-080423	04-Aug-23	320-103460-1	320-103460-2	120	80	1.50
P11 Dry Sampling 8/23	STW-LOC-3-4-080423	04-Aug-23	320-103460-1	320-103460-3	330	190	1.74
P11 Dry Sampling 8/23	STW-LOC-4-4-080423	04-Aug-23	320-103460-1	320-103460-4	130	78	1.67
P11 Dry Sampling 8/23	STW-LOC-5-3-080423	04-Aug-23	320-103460-1	320-103460-5	50	26	1.92
P11 Dry Sampling 8/23	STW-LOC-7A-4-080423	04-Aug-23	320-103460-1	320-103460-6	140	91	1.54
P11 Dry Sampling 8/23	STW-LOC-7A-4-080423-D	04-Aug-23	320-103460-1	320-103460-7	150	95	1.58
P11 Dry Sampling 8/23	STW-LOC-7B-4-080423	04-Aug-23	320-103460-1	320-103460-8	170	110	1.55
P11 Dry Sampling 8/23	STW-LOC-7C-4-080423	04-Aug-23	320-103460-1	320-103460-9	180	120	1.50
P11 Dry Sampling 8/23	STW-LOC-8-3-080723	07-Aug-23	320-103461-1	320-103461-2	150	93	1.61
P11 Dry Sampling 8/23	STW-LOC-9-4-080423	04-Aug-23	320-103457-1	320-103457-1	750	490	1.53
P11 Dry Sampling 8/23	STW-LOC-9A-080723	07-Aug-23	320-103451-1	320-103451-3	460	290	1.59
P11 Dry Sampling 8/23	STW-LOC-DITrailerOutlet-080823	08-Aug-23	320-103451-1	320-103451-5	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-EB-DR-080723	07-Aug-23	320-103451-1	320-103451-9	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-EB-IS-080423	04-Aug-23	320-103451-1	320-103451-7	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-EB-IS-080723	07-Aug-23	320-103451-1	320-103451-8	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-FB-080423	04-Aug-23	320-103451-1	320-103451-6	<5	<5	--
P11 Dry Sampling 8/23	STW-LOC-FB-080723	07-Aug-23	320-103451-1	320-103451-10	<5	<5	--
P11 Full Sampling 11/23	STW-LOC-1-4-112123	21-Nov-23	320-107670-1	320-107670-1	120 J	76	1.58
P11 Full Sampling 11/23	STW-LOC-11-2.66-112223	22-Nov-23	320-107659-1	320-107659-1	220	140	1.57
P11 Full Sampling 11/23	STW-LOC-12-4-112223	22-Nov-23	320-107659-1	320-107659-2	120	74	1.62
P11 Full Sampling 11/23	STW-LOC-13-4-112223	22-Nov-23	320-107659-1	320-107659-3	170	110	1.55
P11 Full Sampling 11/23	STW-LOC-10A-4-112123	21-Nov-23	320-107670-1	320-107670-10	340	210	1.62
P11 Full Sampling 11/23	STW-LOC-14-4-112123	21-Nov-23	320-107659-1	320-107659-4	87	54	1.61
P11 Full Sampling 11/23	STW-LOC-14-4-112123-D	21-Nov-23	320-107659-1	320-107659-5	88	55	1.60
P11 Full Sampling 11/23	STW-LOC-15-4-112123	21-Nov-23	320-107659-1	320-107659-6	340	220	1.55
P11 Full Sampling 11/23	STW-LOC-20-4-112123	21-Nov-23	320-107659-1	320-107659-7	240	150	1.60
P11 Full Sampling 11/23	STW-LOC-21B-112223	22-Nov-23	320-107659-1	320-107659-8	120	72	1.67
P11 Full Sampling 11/23	STW-LOC-EB-IS-112223	22-Nov-23	320-107670-1	320-107670-11	<5	<5	--
P11 Full Sampling 11/23	STW-LOC-2-4-112223	22-Nov-23	320-107670-1	320-107670-2	96	63	1.52
P11 Full Sampling 11/23	STW-LOC-3-3.66-112223	22-Nov-23	320-107670-1	320-107670-3	280	190	1.47
P11 Full Sampling 11/23	STW-LOC-4-4-112223	22-Nov-23	320-107670-1	320-107670-4	73	48	1.52
P11 Full Sampling 11/23	STW-LOC-5-4-112223	22-Nov-23	320-107670-1	320-107670-5	54	36	1.50
P11 Full Sampling 11/23	STW-LOC-7A-4-112123	21-Nov-23	320-107670-1	320-107670-6	130 J	82	1.59
P11 Full Sampling 11/23	STW-LOC-7B-4-112123	21-Nov-23	320-107670-1	320-107670-7	190 J	120	1.58
P11 Full Sampling 11/23	STW-LOC-7C-4-112123	21-Nov-23	320-107670-1	320-107670-8	180 J	110	1.64
P11 Full Sampling 11/23	STW-LOC-9-4-112123	21-Nov-23	320-107670-1	320-107670-9	290	180	1.61
P11 Full Sampling 11/23	STW-LOC-FB-112223	22-Nov-23	320-107659-1	320-107659-9	<5	<5	--
P11 Sampling 9/23	DITrailerOutlet-092523	26-Sep-23	320-105406-1	320-105406-10	<5	<5	--

TABLE 1
REVISED AND ORIGINAL PFPRA CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Sampling Program	Sample ID	Sample Date	Sample Delivery Group	Laboratory Sample ID	PFPrA Concentration (ng/L)		Factor (revised concentration / original concentration)
					Revised Concentration*	Original Concentration	
P11 Sampling 9/23	STW-LOC-10A-4-092223	22-Sep-23	320-105437-1	320-105437-2	900	640	1.41
P11 Sampling 9/23	STW-LOC-12-092523	25-Sep-23	320-105437-1	320-105437-3	86	55	1.56
P11 Sampling 9/23	STW-LOC-13-4-092223	22-Sep-23	320-105437-1	320-105437-4	170	110	1.55
P11 Sampling 9/23	STW-LOC-1-4-092623	26-Sep-23	320-105410-1	320-105410-1	110	69	1.59
P11 Sampling 9/23	STW-LOC-14-4-092223	22-Sep-23	320-105437-1	320-105437-5	78	49	1.59
P11 Sampling 9/23	STW-LOC-16-092523	25-Sep-23	320-105406-1	320-105406-8	120,000 J	79,000 J	1.52
P11 Sampling 9/23	STW-LOC-18-4-092523	25-Sep-23	320-105406-1	320-105406-2	54	34	1.59
P11 Sampling 9/23	STW-LOC-19B-092523	25-Sep-23	320-105406-1	320-105406-9	46	29	1.59
P11 Sampling 9/23	STW-LOC-20-4-092223	22-Sep-23	320-105437-1	320-105437-6	180	120	1.50
P11 Sampling 9/23	STW-LOC-21B-092523	25-Sep-23	320-105437-1	320-105437-7	290	200	1.45
P11 Sampling 9/23	STW-LOC-22-4-092523	25-Sep-23	320-105406-1	320-105406-3	920 J	560 J	1.64
P11 Sampling 9/23	STW-LOC-23C-1-4-092523	25-Sep-23	320-105406-1	320-105406-4	43	27	1.59
P11 Sampling 9/23	STW-LOC-23C-1-4-092523-D	25-Sep-23	320-105406-1	320-105406-5	40	25	1.60
P11 Sampling 9/23	STW-LOC-23C-2-4-092523	25-Sep-23	320-105406-1	320-105406-6	48	31	1.55
P11 Sampling 9/23	STW-LOC-2-4-092323	23-Sep-23	320-105410-1	320-105410-2	60	38	1.58
P11 Sampling 9/23	STW-LOC-3-4-092323	23-Sep-23	320-105410-1	320-105410-3	150	95	1.58
P11 Sampling 9/23	STW-LOC-4-4-092323	23-Sep-23	320-105410-1	320-105410-4	78	50	1.56
P11 Sampling 9/23	STW-LOC-5-4-092323	23-Sep-23	320-105410-1	320-105410-5	37	24	1.54
P11 Sampling 9/23	STW-LOC-7A-080423	25-Sep-23	320-105410-1	320-105410-6	290	210	1.38
P11 Sampling 9/23	STW-LOC-7B-4-092223	22-Sep-23	320-105410-1	320-105410-7	310	200	1.55
P11 Sampling 9/23	STW-LOC-7B-4-092323-D	22-Sep-23	320-105410-1	320-105410-8	320	210	1.52
P11 Sampling 9/23	STW-LOC-7C-4-092223	22-Sep-23	320-105410-1	320-105410-9	340	230	1.48
P11 Sampling 9/23	STW-LOC-8-4-092523	25-Sep-23	320-105406-1	320-105406-1	1,600	970	1.65
P11 Sampling 9/23	STW-LOC-9-4-092223	22-Sep-23	320-105437-1	320-105437-1	920	650	1.42
P11 Sampling 9/23	STW-LOC-9A-092523	25-Sep-23	320-105406-1	320-105406-7	510	330	1.55
P11 Sampling 9/23	STW-LOC-EB-DR-092523	25-Sep-23	320-105437-1	320-105437-12	<5	<5	--
P11 Sampling 9/23	STW-LOC-EB-IS-092223	22-Sep-23	320-105437-1	320-105437-10	<5	<5	--
P11 Sampling 9/23	STW-LOC-EB-IS-092523	25-Sep-23	320-105437-1	320-105437-11	<5	<5	--
P11 Sampling 9/23	STW-LOC-FB-092223	22-Sep-23	320-105437-1	320-105437-8	<5	<5	--
P11 Sampling 9/23	STW-LOC-FB-092523	25-Sep-23	320-105437-1	320-105437-9	<5	<5	--
Tarheel Sampling	CFR-TARHEEL-121823	18-Dec-23	320-108237-1	320-108237-2	37 J	24 J	1.54
Tarheel Sampling	CFR-TARHEEL-121923	19-Dec-23	320-108237-1	320-108237-3	<5	<5	--
Tarheel Sampling	CFR-TARHEEL-24-100523	05-Oct-23	320-105969-1	320-105969-1	40	26	1.54
Tarheel Sampling	CFR-TARHEEL-24-101023	10-Oct-23	320-105969-1	320-105969-2	40	26	1.54
Tarheel Sampling	CFR-TARHEEL-24-101023-D	10-Oct-23	320-105969-1	320-105969-3	40	27	1.48
Tarheel Sampling	CFR-TARHEEL-24-101223	12-Oct-23	320-106157-1	320-106157-1	38	25	1.52
Tarheel Sampling	CFR-TARHEEL-24-101623	16-Oct-23	320-106157-1	320-106157-2	55	36	1.53
Tarheel Sampling	CFR-TARHEEL-24-101923	19-Oct-23	320-106379-1	320-106379-1	42	26	1.62
Tarheel Sampling	CFR-TARHEEL-24-102323	23-Oct-23	320-106379-1	320-106379-2	41	26	1.58
Tarheel Sampling	CFR-TARHEEL-24-102623	26-Oct-23	320-106734-1	320-106734-1	26	17	1.53
Tarheel Sampling	CFR-TARHEEL-24-103023	30-Oct-23	320-106734-1	320-106734-2	29 J	19 J	1.53
Tarheel Sampling	CFR-TARHEEL-24-110223	02-Nov-23	320-106957-1	320-106957-1	55	34	1.62
Tarheel Sampling	CFR-TARHEEL-24-110623	06-Nov-23	320-106957-1	320-106957-2	35	23	1.52
Tarheel Sampling	CFR-TARHEEL-24-110923	09-Nov-23	320-107164-1	320-107164-1	37	24	1.54
Tarheel Sampling	CFR-TARHEEL-24-111323	13-Nov-23	320-107164-1	320-107164-2	40	27	1.48
Tarheel Sampling	CFR-TARHEEL-24-111323-D	13-Nov-23	320-107164-1	320-107164-3	41	27	1.52
Tarheel Sampling	CFR-TARHEEL-24-111623	16-Nov-23	320-107540-1	320-107540-1	45	30	1.50
Tarheel Sampling	CFR-TARHEEL-24-112023	20-Nov-23	320-107540-1	320-107540-2	65	44	1.48
Tarheel Sampling	CFR-TARHEEL-24-112123	21-Nov-23	320-107540-1	320-107540-3	47	31	1.52
Tarheel Sampling	CFR-TARHEEL-24-112223	22-Nov-23	320-107540-1	320-107540-4	41	27	1.52
Tarheel Sampling	CFR-TARHEEL-24-112723	27-Nov-23	320-107657-1	320-107657-1	52 J	33 J	1.58
Tarheel Sampling	CFR-TARHEEL-24-113023	30-Nov-23	320-107657-1	320-107657-2	50 J	32 J	1.56
Tarheel Sampling	CFR-TARHEEL-24-120423	04-Dec-23	320-107894-1	320-107894-1	50	31	1.61
Tarheel Sampling	CFR-TARHEEL-24-120723	07-Dec-23	320-107894-1	320-107894-2	46	29	1.59
Tarheel Sampling	CFR-TARHEEL-24-121123	11-Dec-23	320-108044-1	320-108044-1	41	26	1.58
Tarheel Sampling	CFR-TARHEEL-24-121223	12-Dec-23	320-108044-1	320-108044-2	38	24	1.58
Tarheel Sampling	CFR-TARHEEL-24-121223-D	12-Dec-23	320-108044-1	320-108044-3	47	30	1.57
Tarheel Sampling	CFR-TARHEEL-24-121723	17-Dec-23	320-108237-1	320-108237-1	24 J	15 J	1.60
Tarheel Sampling	CFR-TARHEEL-24-122523	25-Dec-23	320-108425-1	320-108425-1	15	9.8	1.53
Tarheel Sampling	CFR-TARHEEL-24-122723	27-Dec-23	320-108425-1	320-108425-2	17	11	1.55

Notes:

* - PFPrA concentrations were revised following the discovery of a calculation error by the analytical laboratory

-- - revised and/or original concentration is non-detect; factor not calculated

B - analyte detected in associated method blank

J - analyte detected; reported value may not be accurate or precise

ng/L - nanograms per liter

PFPrA - perfluoropropanoic acid

UJ - analyte not detected; reporting limit may not be accurate or precise

< - analyte not detected above associated reporting limit

Minimum factor = 0.81
Average factor = 1.57
Maximum factor = 2.86
Standard deviation = 0.14

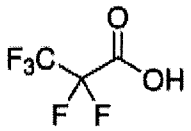
3780325
ID: Propionic Acd_00004
Exp:04/17/29 Prpd: Opn:04/18/24
PENTAFLUOROPROPIONIC ACID

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Pentafluoropropionic acid - 97%

Product Number:	**245917**
Batch Number:	**MKCV1747**
Brand:	ALDRICH
CAS Number:	422-64-0
MDL Number:	MFCD00004170
Formula:	C3HF5O2
Formula Weight:	164.03 g/mol
Quality Release Date:	06 OCT 2023



Test	Specification	Result
Appearance (Color)	Colorless to Faint Yellow and Colorless to Faint Orange	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Titration with NaOH	96.5 - 103.5 %	99.7 %
GC (area %)	≥ 96.5 %	100.0 %

Larry Coers, Director
Quality Control
Milwaukee, WI US

eurofins | Environment Testing TestAmerica

May 22, 2024

The Chemours Company
1007 Market Street
Wilmington, DE 19801

Attn: Michael Aucoin, Corporate Remediation Group

RE: Investigation and Corrective Action for PFPrA Error

Dear Mr. Aucoin,

It is the policy of Eurofins Sacramento to conduct its business with honesty and integrity, to produce accurate and useable environmental analytical test results and related services, and to provide the best possible service to our clients. As such, we routinely conduct internal data reviews to assess our adherence to method requirements and Quality Assurance protocols. If any issues are noted during these reviews that impact the quality of data, we will notify affected clients and correct the issue.

Eurofins Sacramento recently identified a calculation error that was incorporated into the preparation of calibration standards for target analyte Perfluoropropanoic Acid (PFPrA) under the laboratory's 537M methodology. The calculation error yielded an assigned concentration for calibration standards that was 36% lower than the actual concentration of PFPrA. Use of these standards to quantitate PFPrA in client samples (including Chemours) has imparted a low bias of the same magnitude to results for this analyte reported between May, 2023 and April, 2024.

Root Cause Analysis-
The laboratory conducted a root cause investigation and determined that the incorrect concentration of PFPrA was assigned to calibration standards when the standards preparation chemist did not incorporate the density of the pure liquid PFPrA source material (1.56 g/ml) into the calculated concentration of the initial intermediate dilution prepared from this neat material. The incorrect assigned concentration for the initial dilution of the PFPrA source material was then propagated into all 'daughter' solutions prepared from the initial dilution, including calibration solutions.

The laboratory further concluded that the primary root cause of the lapse was insufficient training of the standards preparation chemist regarding correct preparation of calibration solutions from neat materials.

Corrective Actions-
The laboratory's standards preparation SOP has been updated to specifically emphasize density corrections when preparing intermediate solutions volumetrically from neat source materials, and all standards preparation chemists have been re-trained regarding the content of the updated SOP.

Additionally, the laboratory has secured commercially prepared/vendor-certified solutions of PFPrA for use in the preparation of calibration standards and fortification solutions. Use of the commercial solutions with certified concentrations of PFPrA will preclude the need to dilute neat liquid reference materials in the future, and associated corrections for density will no longer be required. Vendor-certified solutions of PFPrA are now available from several commercial suppliers, which will facilitate the use of these solutions to provide independent 'second-source' verification of calibration standards.

Eurofins Sacramento prides itself on supplying its clients with reliable quality data, and we have applied the utmost diligence to our root cause investigation and corrective actions. We are confident the corrective actions described above and summarized below will prevent recurrence of any similar error. In summary, these corrective actions include the following:

1) Updated standards preparation SOP emphasizing correct use of density in standards preparation.
2) Additional training of standards preparation chemists.
3) Use of vendor-certified solutions as the primary source for calibration standards in lieu of neat liquid PFPrA source materials.
4) Use of second-source vendor-certified solutions (alternate supplier) to verify primary standards.

Please do not hesitate to contact us if you have additional questions.

Sincerely,

Eric Redman

Eric Redman
VP of Technical Services
Eurofins Environment Testing Northern California

Cc: Lam Leung (Chemours)
Sathya Yalvigi (Chemours)
Kevin Garon (Chemours)