



Geosyntec Consultants of NC, P.C.
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CFR Long-Term Remedy Performance Monitoring Report #11 (Q3 2025)

July – September 2025

Chemours Fayetteville Works

Prepared for

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EXECUTIVE SUMMARY

This Cape Fear River (CFR) Long-Term Remedy Performance Monitoring Report #11 (“Report”) has been prepared for the Q3 2025 period of July 1 through September 30, 2025, and documents the operation of the ex-situ seeps and weeps capture systems (“Ex-Situ Capture Systems”), the groundwater extraction and conveyance system (GWEC), the groundwater treatment plant (GWTP), and the interim seep Flow-Through Cells (FTCs). 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	Reporting Period (Jul - Sep 2025)		Cumulative through Sep 2025*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
004 Treatment Plant	48.2	49.7	542.1	615.9
<i>Ex-Situ Capture Systems</i>	4.7	<i>Included in 004</i>	68.2	<i>Included in 004</i>
<i>GWEC</i>	43.8	<i>Included in 004</i>	491.4	<i>Included in 004</i>
Interim FTCs	0.9	0.1	437.9	552.6
Total** (004 + Interim FTCs)	49.1	49.8	980.0	1,168.5

*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 48.5 MG for Q3 2025. The total influent as measured by Veolia’s flow meter was 49.1 MG. The total effluent measured by Veolia’s flow meter was 48.2 MG as shown.

The GWEC system has been operating at a steady-state cumulative extraction rate since approximately September 2023, after the EW startup in March 2023 resulted in initial declines in the Black Creek aquifer water levels. The average pumping rate in Q3 2025 was 332 gallons per minute (gpm). The 12-month rolling average of GWEC flow rate covering October 2024 through September 2025 is approximately 330 gpm. 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 PFAS¹ from the combined flow of the GWEC and Ex-Situ Capture Systems.

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

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 hydraulic 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 to the Cape Fear River is evident in the diminished flows into the FTCs and is also documented in a report for the Mass Loading Assessment (MLA) program, submitted for the same reporting period concurrent to this Report (Caliber Insights, 2025).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the alignment. Drawdown along the alignment has also resulted in some 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 location WC-1 (downstream near the confluence with the Cape Fear River), the average post-startup mass discharge to the Cape Fear River is estimated to be approximately half of pre-startup.

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. In Q3 2025, the monthly average was 0.29 MG (an approximate 98% decrease). Batch mode processing was enacted 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 observable dry weather flow. As the FTCs over time 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 nanograms per liter (ng/L); between July and September 2025, it was 7,400 ng/L (an approximate 95% decrease).

Overall, the combination of reduced flow and concentration has resulted in a significant reduction in mass discharge into the FTCs and an asymptotic PFAS mass removal trend. Based on compliance evaluation calculations² that indicate the Long-Term Seep Remediation Objective has been achieved (Geosyntec, 2025a), NCDEQ concurred in discussions held in Q2 2025 that the FTCs can be decommissioned. Chemours documented this concurrence in an email on June 5, 2025. During Q3 2025, decommissioning activities were performed at the FTCs to allow water to flow from the impoundment through the FTCs without active management, while continuing to monitor flow rates and concentrations for compliance monitoring purposes per CO Addendum paragraph 2(c)(ii). Future Performance Monitoring Plan (PMP) reports will not contain FTC data.

² As described in the *Long-Term Seep Remediation Objective Annual Compliance Evaluation Report #1- January 1st to December 31st 2024* (Geosyntec, 2025a).

FTC flow and concentration data will continue to be collected and reported in the Long-Term Seep Remediation Objective Annual Compliance Evaluation Reports.

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LIST OF ACRONYMS AND ABBREVIATIONS

CFR	Cape Fear River
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
FB	filter bed
FTC	flow-through cells
GAC	granular activated carbon
gpm	gallons per minute
GWEC	groundwater extraction and conveyance
GWTP	groundwater treatment plant
HFPO-DA	hexafluoropropylene oxide-dimer acid
lbs	pounds
MG	million gallons
mg/L	milligrams per liter
MLA	mass loading assessment
NAVD88	North American Vertical Datum of 1988
NCDEQ	North Carolina Department of Environmental Quality
ng/L	nanograms per liter
NPDES	National Pollutant Discharge Elimination System
OM&M	operations, maintenance, and monitoring
OW	observation well
PFAS	per- and polyfluoroalkyl substances
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
TSS	total suspended solids
UES	Universal Engineering Services
USGS	United States Geological Survey
WC	Willis Creek

1 INTRODUCTION

Geosyntec Consultants of NC, P.C. (Geosyntec) has prepared this Cape Fear River (CFR) Long-Term Remedy Performance Monitoring Report #11 (“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 reporting period of Q3 2025: July 1 through September 30, 2025 (herein, referred to as the “reporting period”). 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 Laboratory Analyses

Groundwater and surface water samples collected in the reporting period were analyzed for 20 or 21 Table 3+ per- and polyfluoroalkyl substances (PFAS) (20 if analyzed by the Table 3+ method, and 21 when including perfluoropropanoic acid (PFPrA) as analyzed by Environmental Protection Agency [EPA] Method 537 MOD). When samples were analyzed by EPA Method 537 MOD, another 35 PFAS compounds may be analyzed. 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,³ is inaccurate due to interferences by the sample matrix (Geosyntec, 2020). 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.
- Total Table 3+ (17 compounds), which additionally excludes 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.

³ 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-octafluoropentanoic acid (R-EVE)

The 35 additional PFAS, if analyzed, are reported in separate tables.

1.2 Data Validation

Laboratory analytical data for the samples collected during the reporting period were reviewed using the Data Verification Module (DVM) within the Locus™ Environmental Information Management (EIM) system, a commercial data management software program. During 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 *United States Environmental Protection Agency (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 Quality Assurance/Quality Control (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

The manual review of the data 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. 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 of these compounds is inaccurate due to interferences by the sample matrix (Geosyntec, 2020). Results for these three analytes are J-qualified as estimated.

During the reporting period sampling events, seven samples from influent and effluent locations of the 004 GWTP and two field blanks were outside 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): 004-INF-0725, 004-EFF-0725, 004-INF-0725-2, 004-EFF-0725-2, 004-INF-0725-5, 004-EFF-0825-2, 004-INF-0925-4, 004-FBLK-0725, and 004-FBLK-0825. Due to the thermal stability of the analytes, analysis of these samples proceeded and data qualification was not deemed necessary. Subsequent to this reporting period, Chemours' contractors have taken additional precautions when shipping samples (e.g., larger coolers, more ice); as of the submittal of this report, all 004 GWTP samples in Q4 2025 have been received at the laboratory within the target temperature range.

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 OM&M reports. As a simplifying step for presentation clarity, at various sections in this report, reference is made to these details within Seeps OM&M Report #14 (Geosyntec, 2023a), the last of the bimonthly Seeps OM&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 OM&M personnel during each inspection. A summary of the inspection and maintenance events completed during this reporting period is provided in Table 2-1A-D for Seeps A-D, respectively.

2.1.2 Duty Cycling

Table 2-1A-D details the filter bed (FB) configurations for Seeps A-D over the reporting period. 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)
A	82	10	0
B	89	0	3
C	71	21	0
D	86	0	6

2.1.3 FTC Management During River Flooding

During the reporting period, the Cape Fear River was above the action level⁴ from July 7 through July 14, July 17 through July 19, and August 13 through August 16, 2025. The river rose above the top of the wall at each FTC during the July 7 through July 14 occurrence. During the July 17

⁴ See Section 2.3 of Seeps OM&M Report #14 for details regarding the action level that was established to protect the electronic components of the autosamplers from flood events.

through 19 occurrence, the river rose above the top of GAC at Seeps A and D and above the discharge weir at Seeps B and C. During the August 13 through 16 occurrence, the river rose above the top of the wall at Seeps A and D and above the spillway at Seeps B and C. Cape Fear River elevation data are described in Section 2.3.4. Cape Fear River elevation changes during the reporting period are shown on Figure 2-1A-D.

2.1.4 Material Changeouts

No material changeouts occurred during this reporting period. On September 25, 2025, GAC was removed from FB1 and FB2 at FTCs A, B, and D as part of the decommissioning process. FTC C was decommissioned in early Q4 2025 (i.e., just after this reporting period). The decommissioning process is described in Section 2.1.5.

The table below summarizes the GAC removal during this reporting period, noting that this is not necessarily reflective of GAC usage from PFAS adsorption, but is still included for purposes of tracking overall waste management at the Site:

Seep	Filter Bed	Granular Activated Carbon (GAC) Removal		
		Date	GAC Age/Lead Days	GAC Removed (pounds [lbs])
A	FB1	9/25/2025	686/363	27,000
A	FB2	9/25/2025	357/0	27,000
B	FB1	9/25/2025	587/0	27,000
B	FB2	9/25/2025	699/586	27,000
D	FB1	9/25/2025	216/0	27,000
D	FB2	9/25/2025	607/216	27,000
<i>Total</i>				<i>162,000</i>

2.1.5 Issue Resolution and System Optimization

Outfall 002 Discharge Pipe

As noted in previous reports, a joint sealing remedy was applied to the Outfall 002 discharge pipe on March 6, 2025 after a leak was identified approximately one week prior. Chemours suspects the leak was from thermal contraction in cold weather conditions of the high-density polyethylene (HDPE) piping at the seam where piping connects to the manhole. In the July to September 2025 reporting period, no dry weather flow was observed entering the Seep C FTC, which was able to be closed to flow for 71 of the 92 reporting days. Measurements of the piezometers in the area also demonstrated stable water levels. In early October 2025, Chemours implemented a permanent remedy to the Outfall 002 discharge pipe that required intrusive entry into the manhole, and was

thus performed during the regularly scheduled turnaround of the facility. The intrusive work involved grinding down the seams of where the piping connects to the manhole wall, filling with a flexible and expandable material, and lining. Carbon from FTC C was removed in early Q4 2025, whereas the other FTCs had carbon removed in late Q3 2025, as described below.

FTC Decommissioning

Based on compliance evaluation calculations that indicate the Long-Term Seep Remediation Objective has been achieved (Geosyntec, 2025a), NCDEQ concurred in discussions held in Q2 2025 that the FTCs can be decommissioned. Chemours documented this concurrence in an email on June 5, 2025. The following decommissioning activities occurred during this reporting period at FTCs A, B, and D to allow water from the impoundment to flow through the FTCs to the Cape Fear River without active management, while continuing to monitor flow rates and concentrations through the system for compliance monitoring purposes per CO Addendum paragraph 2(c)(ii):

- No changes were made to the concrete structures, the fiberglass grates above the structures, and the piping manifolds. Operators will continue to be able to safely access the structure, inspect it, and perform maintenance as needed.
- The two transducers that measure water levels in the influent and effluent stilling basins will remain in place. Data will continue to be downloaded to allow for calculation of flow rates.
- The rectangular effluent weir plate (W3) at each FTC was replaced with a V-notch weir plate to improve accuracy of flow measurements for flows less than 100 gallons per minute (gpm). The W3 plate at Seep A was replaced on August 26, Seep B on August 22, Seep C on September 3, and Seep D on August 25, 2025, as shown in Appendix B.
- Between September 22 and 25, GAC and the underlying geotextile layer was removed from each filter bed at FTC A, B, and D, as shown in Appendix B. GAC removal from Seep C was completed in early Q4 2025.
- Batch mode, where the FTCs cycle between being open or closed to flow, is no longer necessary. Thus, all valves at FTC A, B, and D were turned to an “open” orientation to allow water to flow through the system passively on October 1, 2025. Seep C valves were turned to an “open” orientation after GAC was removed on November 12, 2025.

FTC data will no longer be included in Performance Monitoring Plan (PMP) reports. FTC flow and concentration data will continue to be collected and reported in the Long-Term Seep Remediation Objective Annual Compliance Evaluation Reports.

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 OM&M Report #14. An overview is provided in the table below. The transducer data reduction process for the FTCs during the current reporting period is provided in Appendix B.

Data Type	Monitoring During the Current Reporting Period
Impoundment Elevation	Monitored every 15 minutes using pressure transducers in the influent stilling basins.
Flowrate Measurements	Monitored 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). Precipitation data is shown on Table 2-2.
Performance Monitoring and Water Quality Measurements	Sampling is only able to be performed when the FTCs are open to flow or when pumping occurs in batch mode. As described in previous reports, all FTC samples are designated performance monitoring samples. There were no deviations in the reporting period. Dates of composite periods for each sample are listed in Table 2-3A-D. FTC sampling analytical results are shown in Table 2-4A-D. Water quality in the Inlet Chamber and Effluent Stilling Basin at Seeps A-D was monitored at the same frequency as performance monitoring and is summarized in Table 2-5A-D.
Breakthrough Monitoring	As needed, 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.

2.2.1 Deviations

No deviations this period.

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 over Reporting Period (inches)	8.91				
Rainfall, Historical Quarterly Average (2004-2020) (inches)	13.43				
River Above Spillway (days) ¹	3.1	4.1	2.9	4.1	N/A
Seep Volume Treated (million gallons [MG]) ²	0.44	0.13	0.27	0.02	0.87
PFAS Removed (lbs) ³	0.06	0.0	0.01	0.0	0.07

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

2 – As the FTCs are primarily run in batch mode, median treatment rates in gpm are no longer relevant and only total volume treated is presented.

3 – 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

FTC System Flowrates

Figure 2-2A-D shows 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.

FTC Bypass

The influent water level elevation and occurrences of bypass flow for Seeps A-D for the reporting period are shown in Figure 2-4A-D. The total rainfall received in the reporting period is shown below. Instances of bypass, if any, were associated with heavy rains and river flooding.

Period	Rainfall (inches)	Historical Rainfall (inches)	% Change Compared to Historical
July 2025	5.55	3.89	+43%
August 2025	2.11	5.24	-60%
September 2025	1.25	4.30	-71%
Q3 2025	8.91	13.43	-34%

Long-Term Remedy Impacts on Baseflow

Figure 2-4A-D depicts the elevation of the influent stilling basin (via transducer) 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 observable dry weather flow.

2.3.2 Performance Monitoring Analytical Results

As described in previous reports, all FTC samples are designated performance monitoring samples. Analytical results for the composite performance monitoring samples are provided in Table 2-4A-D and summarized below. Figure 2-5 shows the influent concentration of total Table 3+ PFAS (17 compounds) into the FTCs. The significant reduction in concentrations 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 concentrations has resulted in an asymptotic PFAS mass removal trend, as shown in Figure 2-6.

The implementation of batch mode, in which impoundment levels are managed to process accumulated water in the basin at flow rates more typical of historical operations, appears to be increasing removal efficiencies to the same level as those reported in previous periods.

Analytical Results – Performance Monitoring	Seep A	Seep B	Seep C	Seep D
Average Influent Total Table 3+ PFAS, 17 compounds (nanograms per liter [ng/L]) ¹	28,000	N/A	3,300	N/A
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L) ¹	4.9	N/A	112	N/A
Average Removal Efficiency (%)	>99.9	N/A	96.1	N/A

1 – Performance samples were collected when FTCs were open to flow (i.e., not in batch mode) or when pumping occurred in batch mode.

2.3.3 System Effectiveness

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

	System Effectiveness (%)			
	Seep A	Seep B	Seep C	Seep D
July	>99.9	No Flow	97.3	No Flow
August	No Flow	No Flow	96.7	No Flow
September	No Flow	No Flow	No Flow	No Flow
Overall Average	98.0			

2.3.4 River Elevation and Precipitation

On July 7, the Cape Fear River rose above the elevation of the top of the wall at all four FTCs and peaked at an elevation of 45.5 ft NAVD88. The Cape Fear River receded below the wall at all four FTCs by July 10. The Cape Fear River did not recede below the discharge invert prior to rising above the top of GAC at Seeps A and D and the discharge weir at Seeps B and C on July 17. The Cape Fear River receded below the discharge weir at all four FTCs by July 21 and below the discharge invert at all four FTCs by July 26.

From August 8 through August 10, the Cape Fear River rose above the discharge invert at all four FTCs. By August 13, the Cape Fear River again rose above the discharge invert at all four FTCs. The Cape Fear River rose above the elevation of the top of the wall at Seeps A and D and the spillway at Seeps B and C on August 14. The Cape Fear River receded below the elevation of the discharge weir at all four FTCs by August 16 and below the discharge invert at all four FTCs by August 17. The changes in elevation of the Cape Fear River during the reporting period are shown in Figure 2-1A-D.

2.3.5 Water Quality

The water quality measurements collected during the reporting period are provided in Table 2-5A-D and described below:

- **Dissolved Oxygen (DO):** No significant differences were observed in DO between influent and effluent locations. Aerobic (>2 milligrams per liter [mg/L]) conditions were consistently observed during the reporting period.
- **Temperature:** No significant differences were observed in temperature between influent and effluent locations.
- **Specific Conductance:** Consistent with previous reports, specific conductance was generally similar or slightly decreased from the influent to the effluent at each FTC. During normal hydraulic conditions, the FTC is expected to have little effect on the anion/cation content of the seep influent.
- **pH:** Consistent with previous reports, the median pH at the Seep C effluent location was circumneutral (i.e., between 6 and 8 standard units). The pH at the Seep A influent and effluent locations were slightly acidic (i.e., between 4 and 7 standard units).
- **Turbidity:** Consistent with previous reports, the FTCs significantly decreased the turbidity of the influent water, when water was available to process.
- **Total Suspended Solids (TSS):** Consistent with previous reports, the FTCs significantly decreased the TSS of the influent water, when water was available to process.

3 EX-SITU SEEPS AND WEEPS CAPTURE

Section 3 summarizes the operation, maintenance, and monitoring activities performed by Universal Engineering Services⁵ (UES) as the operator of the Ex-Situ Capture Systems. This remedy consists of the following capture locations:

- Four seep capture locations (from south to north, Seep B, Seep A, Seep A Tributary, and Willis Creek Tributary)
 - At Seep A, Weep 7 is tied into the basin and is included in this system’s capture
 - At Seep A Tributary, weeps 9, 10, and 11 are tied into the wet well and are included in this system’s capture
- Five dedicated weep capture locations (from south to north, Weep 1, Weep 1a, Weep 2, Weep 3, and Weep 4)
 - Weep 1 pumps directly into the GWEC force main if possible, or if back pressure from the GWEC force main is too high, then it drains to Weep 1a. Weep 1a, along with Weep 2, are tied into the Weep 3 capture system.
 - Weep 4 capture system also includes the 004 GWTP pad.

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 UES’ OM&M Plan.

⁵ GEOServices, LLC was acquired by UES.

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.

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 (EW) sampling activities during the reporting period. Construction details for the EWs have been provided in previous reports.

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 properly. 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 EW components, control panels, and forcemain air release valves are individually checked.

4.2 Data Collected

4.2.1 Extraction Well Operational Data

Table 4-1 provides a summary of flow data (daily average flow rate and daily cumulative volume) for the GWEC system (combined flow from all wells). Table 4-2 provides a summary of flow data for each EW during the reporting period (average monthly flow rate, and total cumulative volume by month).

4.3 Results

4.3.1 Groundwater Extraction

As shown in Tables 4-1 and 4-2, the average extraction rate during the current reporting period was similar to the extraction rates in the previous reporting periods, and similar to the extraction rate in September 2023 when this steady-state extraction flow rate was first reached. 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 how 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 4-2, the flow rates in the Willis Creek (Northern Alignment) are lower than the Barrier Wall (Southern Alignment). 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 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 be treated to remove PFAS compounds⁶ 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 hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyacetic acid (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 20 Table 3+ PFAS by the Table 3+ method, and once per quarter, the samples are analyzed for 20 Table 3+ PFAS by the Table 3+ method and 35 other PFAS by EPA Method 537 MOD. The remaining weekly samples are analyzed for indicator compounds HFPO-DA, PFMOAA, and PMPA by the Table 3+ method. All samples were analyzed by Eurofins TestAmerica Laboratories.

⁶ As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyacetic acid (PFMOAA)

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. Monthly flow totals are also provided below in Section 5.2.3 to calculate the approximate PFAS mass removed in the reporting period.

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. The Table 3+ (17 compounds) PFAS analytes were not detected above laboratory reporting limits in effluent samples with the exception of PFMOAA on August 11, 2025, which was detected at 3.6 ng/L. The analytical results for influent and effluent samples indicate 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) were used to calculate Table 3+ PFAS mass removal over the reporting period.

Reporting Period Month	Total Volume Treated by GWTP (MG)	Total Table 3+ (17 Compounds) PFAS Concentration per Monthly/Quarterly Sample (ng/L)	Table 3+ (17 Compounds) PFAS Mass Removed (lbs)
July	17.0	120,000	17.0
August	16.5	130,000	17.9
September	14.7	120,000	14.8
Q3 2025 Total	48.2	N/A	49.7

** Total Table 3+ (17 Compounds) PFAS Concentration values are rounded to two significant figures.*

6 PERFORMANCE MONITORING EVALUATION

The effectiveness of the remedy has been evaluated 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;
- 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

The quarterly event of gauging 84 observation wells (OWs) was performed on August 20, 2025. The hydraulic head monitoring network is shown in Figure 6-1. Construction details for monitoring and observation wells have been provided in previous reports. In addition to these manual gauging events, transducers were also deployed in a network of 16 wells that comprise 6 transects spanning 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. As discussed in Section 6.2.1, the 16 transducers in the downgradient monitoring wells are no longer necessary, as manual gauging is sufficient to demonstrate reduced gradients, and they will be removed in early 2026. Finally, data are incorporated from three transducer stilling wells that were installed at Willis Creek between September 20 and October 6, 2023.

As noted in the 2022 PMP, monthly gauging was specified for the first two years of pumping from the GWEC extraction wells, after which the frequency could be reduced to quarterly after achieving steady-state hydraulic conditions. The GWEC system has been operating since March 14, 2023, and in each PMP report to date, the groundwater elevation reductions and flow directions have been consistent month to month. Therefore, beginning this reporting period, gauging is performed quarterly, and figures utilizing gauging data (transects, drawdown contours, and potentiometric surface maps) are generated at the same frequency.

6.1.2 PFAS Concentrations in Groundwater and Surface Water

Downgradient Groundwater

PMP wells, to be sampled on a semi-annual basis (Q1 and Q3), were sampled between July 10 and 30, 2025. Out of the 20 PMP wells, 18 were sampled in Q3 2025. 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 assessment (MLA) wells, to be sampled quarterly, were sampled between July 10 and 29, 2025. A total of 14 MLA 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).

In the annual groundwater sampling program, there are four wells in the Northern Alignment that are potentially informative for effectiveness monitoring. These four wells (PIW-12, PIW-13, PIW-14, and OW-59) were sampled between July 10 and 22, 2025. PIW-12, PIW-13, and PIW-14 are downgradient of the long-term remedy, while OW-59 is upgradient.

The PMP, MLA, and annual sampling programs collected samples were sent to Eurofins TestAmerica Laboratories for analysis of 21 Table 3+ PFAS and 35 additional PFAS by 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 concentration reductions. The sampling procedures were in accordance with the Cape Fear River PFAS MLA Report series (Geosyntec, 2025e). Surface water sampling locations WC-1, WC-2, and WC-3 were sampled on July 2, 2025. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis of 21 Table 3+ PFAS and 35 additional PFAS by EPA Method 537 MOD.

Cape Fear River Surface Water

Surface water grab samples were collected at four transects along the Cape Fear River between August 5 and 6, 2025. Each transect consisted of three sampling locations, for a total of 12 sampling points. The sampling program was in accordance with the *Final NPDES Permit for Outfall 004* (Permit: NC0090042). The collected samples were sent to Eurofins TestAmerica Laboratories for analysis of 20 Table 3+ PFAS by the Table 3+ method. From March 2020 through December 2023, sampling under this permit was performed monthly. Starting Q1 2024, samples

are 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 Paragraphs 1(a) and 1(b) of the Addendum to Consent Order paragraph 12 (CO Addendum). Composite samples were generally collected 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 EPA Method 537 MOD of 21 Table 3+ PFAS compounds and PFHpA.

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) include a discussion of both the Black Creek aquifer and the surficial aquifer.
3. 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 W.O. 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 (2007-2020) to calculate the corresponding percentile values and to determine whether the gauging events occurred under relatively high or low river conditions. As shown below, the gauging event of August 20, 2025 in this period had a near-average river elevation (57th percentile), noting that prior to the gauging

event, the Cape Fear River had recently risen above flood stage levels from July 7 through July 14, July 17 through July 19, and August 13 through August 16, 2025.

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%
8/20/2025	Post-Startup (Q3 2025)	30.6	57%

2. Southern Alignment (Barrier Wall) - 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, there is 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 Figure 6-2A-B, groundwater elevation data have been used to generate 11 downgradient transect maps of the wall, with plots of the baseline data (August 17, 2022 and January 30, 2023 in greyscale⁷) compared to Q3 2025 gauging event in red. Consistent with previous reports, the data for the event demonstrates that the gradients in these downgradient sections have significantly reduced (i.e., flattened).

Gradients in the downgradient area between the barrier wall and the river are also shown in the six transducer transects shown in Figure 6-3A-C. These transducers were originally deployed on opposite sides of the barrier wall to demonstrate the hydraulic separation achieved by the remedy; after demonstrating this on repeated events, notably during river floods, the transducers (where

⁷ 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 are 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 Q3 2025 (around 41.1 ft NAVD88), indicating a significant reduction in gradient in this area.

available) have been largely deployed to the downgradient area. These transects show a similar result to the manually constructed transects using gauging data in Figure 6-2A-B, demonstrating that the gradients in these downgradient sections have significantly reduced (i.e., flattened). As this reduction in gradient has been consistently demonstrated for over two years, and is sufficiently monitored by the manual gauging events, these transducers will be removed in early 2026, and these transect figures will no longer be produced.

3. Northern Alignment (Willis Creek Area)

3a. Interaction between Willis Creek and EW-01 through EW-15

The Cape Fear River at W.O. Huske Dam (USGS gauge# 02105500) rose above flood stage levels thrice during the reporting period from July 7 through July 14, July 17 through July 19, and August 13 through August 16, 2025. Previous reports compared Willis Creek surface water elevation and groundwater elevation in Willis Creek EWs during flooding to demonstrate Black Creek aquifer connectivity with Willis Creek surface water. It was demonstrated that rising water levels are seen together in Willis Creek and Willis Creek EWs. Therefore, figures comparing Willis Creek surface water elevation and groundwater elevation in Willis Creek EWs were not developed for this Report.

3b. Hydraulic Containment of Willis Creek Black Creek Aquifer

Groundwater elevation differences relative to January 2023 are shown for the reporting period gauging event in Figure 6-4. Consistent with previous reports, the largest reduction of groundwater elevation relative to January 2023 occurred between EW-05 and EW-06. For the reporting period gauging event, a similar elevation difference and its distribution pattern were observed. Approximately 6 ft of drawdown was observed around EW-05 and EW-06. Previous reports have indicated a drawdown of between 6 ft and 8 ft around EW-05 and EW-06. The observed drawdown for the reporting period gauging event is impacted by the increase in Cape Fear River elevation during the three high river stage events in July and August. Recent gauging performed in Q4 2025 at a lower river level indicates the drawdown has returned to the previous 6 ft to 8 ft range typically observed. The hydraulic connectivity between Black Creek Aquifer and the Cape Fear River results in a pressure response in wells during high river stage.

Laterally along the alignment north of EW-05 and south of EW-06, elevation reductions between about 1 ft and 6 ft were observed from the 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 some 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.

A potentiometric contour map for the reporting period gauging event is provided in Figure 6-5. The January 2023 contours are shown in each figure as magenta solid lines. In January 2023,

groundwater generally flowed 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 MLA reports).

Table 6-2 provides surface water elevation at Willis Creek locations where stilling wells SW-01 through SW-05 have been installed. These SW locations are also shown in the potentiometric contour map Figure 6-5. The data indicate that the position of stagnation points from cumulative pumping varies across the alignment due to heterogeneity and the variable distance to the creek along the alignment. Stagnation points are essentially groundwater divides that are created downgradient of hydraulic containment remedies as a result of pumping, and indicate the approximate point at which groundwater direction is induced backwards towards the remedy. In some locations, notably SW-03, the surface water elevation is higher than groundwater elevations of wells along the pumping alignment PIW-12 through PIW-14. Although the Willis Creek remedy segment was not designed to achieve losses in the Willis Creek stream, but rather to intercept incoming groundwater, this observation aligns with the significant drawdown observed in the midsection of the alignment. In other locations, the stagnation point, as expected, is between the alignment and the creek.

6.2.2 PFAS Concentrations and Mass Discharge in Groundwater and Surface Water

Downgradient Groundwater PFAS Concentrations

Results for the MLA wells sampled in the reporting period that are downgradient of the long-term remedy (14 total) are provided in Table 6-3 and shown in Figure 6-6A-C. Laboratory analytical reports for the downgradient groundwater samples are compiled in Appendix A. Time trends of PFAS concentrations and groundwater elevations in downgradient wells are shown in Appendix C. 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 MLA quarterly report for this same reporting period, submitted concurrently with this report (Caliber Insights, 2025).

Willis Creek Surface Water – Concentration and Mass Discharge

Results for the Willis Creek surface water PFAS samples collected in the reporting period are shown in Table 6-4 and also presented in Figure 6-6A-C (along with the downgradient groundwater PFAS data). Laboratory analytical reports for Willis Creek are compiled in Appendix A.

A concentration and mass discharge analysis evaluating the relationship between PFAS and flow rate in Willis Creek at location WC-1 is provided in Figure 6-7, with concentration plotted in the

top chart and mass discharge plotted in the bottom chart. Two data series are presented: pre-startup and post-startup. As shown in both plots, the post-startup concentration and mass discharge values are consistently lower than pre-startup at a wide range of flow rates. The analysis in Figure 6-7 indicates the average mass discharge post-startup at WC-1 is approximately half of the average mass discharge pre-startup.

Cape Fear River Surface Water – Concentration and Mass Discharge

The Cape Fear River transect sampling locations are shown in Figure 6-8. The results of the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) are shown in Figure 6-9. The transects for August 2025 were collected during periods of relatively low to moderate river flow ranging between 1,630 to 2,070 cubic feet per second (cfs). HFPO-DA was observed in two sampling locations of Transect 2, and in all sampling locations of Transect 3 and Transect 4. PFMOAA and PMPA were not observed in any transect sampling locations. As described previously, inflows (e.g. offsite groundwater, Willis Creek, Lock and Dam seeps, and the downstream offsite seeps) 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 6-10) 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 Outfall 003 treatment system, FTCs, and the groundwater extraction and barrier wall remedies were installed and operating.

7 SUMMARY

This reporting period (July 1 to September 30, 2025) included the operation of the Ex-Situ Capture Systems, GWEC, GWTP, and interim FTC remedy components. The table below summarizes the flow capture and the Table 3+ (17 compounds) PFAS removal for each remedy element.

Remedy Element	Reporting Period (Jul - Sep 2025)		Cumulative through Sep 2025*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
004 Treatment Plant	48.2	49.7	542.1	615.9
<i>Ex-Situ Capture Systems</i>	4.7	<i>Included in 004</i>	68.2	<i>Included in 004</i>
<i>GWEC</i>	43.8	<i>Included in 004</i>	491.4	<i>Included in 004</i>
Interim FTCs	0.9	0.1	437.9	552.6
Total** (004 + Interim FTCs)	49.1	49.8	980.0	1,168.5

*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 48.5 MG for Q3 2025. The total influent as measured by Veolia's flow meter was 49.1 MG. The total effluent measured by Veolia's flow meter was 48.2 MG as shown.

The GWEC system has been operating at a steady-state cumulative extraction rate since approximately September 2023, after the EW startup in March 2023 resulted in initial declines in the Black Creek aquifer water levels. The average pumping rate in Q3 2025 was 332 gpm. The 12-month rolling average of GWEC flow rate covering October 2024 through September 2025 is approximately 330 gpm. 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 PFAS⁸ 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 hydraulic gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux

⁸ As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyacetic acid (PFMOAA)

to the Cape Fear River. This reduction in PFAS mass discharge to the Cape Fear River is evident in the diminished flows into the FTCs and is also documented in a report for the MLA program, submitted for the same reporting period concurrent to this Report (Caliber Insights, 2025).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the alignment. Drawdown along the alignment has also resulted in some 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 location WC-1 (downstream near the confluence with the Cape Fear River), the average post-startup mass discharge to the Cape Fear River is estimated to be approximately half of pre-startup.

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. In Q3 2025, the monthly average was 0.29 MG (an approximate 98% decrease). Batch mode processing was enacted 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 observable dry weather flow. As the FTCs over time 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 and September 2025, it was 7,400 ng/L (an approximate 95% decrease).

Overall, the combination of reduced flow and concentration has resulted in a significant reduction in mass discharge into the FTCs and an asymptotic PFAS mass removal trend. Based on compliance evaluation calculations⁹ that indicate the Long-Term Seep Remediation Objective has been achieved (Geosyntec, 2025a), NCDEQ concurred in discussions held in Q2 2025 that the FTCs can be decommissioned. Chemours documented this concurrence in an email on June 5, 2025. During Q3 2025, decommissioning activities were performed at the FTCs to allow water to flow from the impoundment through the FTCs without active management, while continuing to monitor flow rates and concentrations for compliance monitoring purposes per CO Addendum paragraph 2(c)(ii). Future PMP reports will not contain FTC data. FTC flow and concentration data will continue to be collected and reported in the Long-Term Seep Remediation Objective Annual Compliance Evaluation Reports.

⁹ As described in the *Long-Term Seep Remediation Objective Annual Compliance Evaluation Report #1- January 1st to December 31st 2024* (Geosyntec, 2025a).

8 REFERENCES

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Tables

Table 1-1
Summary of Sampling and Monitoring Activities
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Remedy Component	Sampling and Monitoring Activities in Reporting Period
In-Situ Seep Flow-Through Cells (FTCs)	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Flow rates and totalized flow every 15 minutes from each capture system
Groundwater Extraction	<ul style="list-style-type: none"> ▪ Extraction well operational data (flow, pressure, motor speed, and water level) every 15 minutes
004 Treatment Plant	<ul style="list-style-type: none"> ▪ Weekly grab sampling of effluent for PFAS indicator compounds HFPO-DA, PFMOAA, and PMPA <ul style="list-style-type: none"> ▪ Monthly grab sampling of influent and effluent for Table 3+ ▪ Quarterly grab sampling of influent and effluent for Table 3+ and EPA Method 537 MOD ▪ Various other parameters required per the NPDES permit and reported in the eDMR, but not reproduced here
Performance Evaluation	<ul style="list-style-type: none"> ▪ Quarterly water level gauging ▪ Quarterly surface water PFAS sampling at four transects of the Cape Fear River <ul style="list-style-type: none"> ▪ Quarterly PFAS sampling of Willis Creek (WC) stations WC-1, 2, 3 ▪ PFAS sampling of monitoring wells under the MLA (quarterly), PMP (semi-annually), and CAP (annually) sampling programs

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

eDMR - electronic Discharge Monitoring Report

CAP - Corrective Action Plan

HFPO-DA - hexafluoropropylene oxide-dimer acid

PMPA - perfluoro-2-methoxypropionic acid

NPDES - National Pollutant Discharge Elimination System

MLA - Mass Loading Assessment

PMP - Performance Monitoring Plan

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
07/01/2025	1,526	No			Batch Mode		Batch Mode		N/A
07/02/2025	1,527	No			Batch Mode		Batch Mode		N/A
07/03/2025	1,528	Yes			Batch Mode		Series		Opened inlet and mid valves.
07/04/2025	1,529	--		X	Series		Series		N/A
07/05/2025	1,530	--			Series		Batch Mode		Closed inlet and mid valves.
07/07/2025	1,532	No			Batch Mode		Batch Mode		N/A
07/11/2025	1,536	Yes			Batch Mode		Series		Opened inlet and mid valves.
07/14/2025	1,539	No			Series		Batch Mode		Closed inlet and mid valves.
07/15/2025	1,540	No			Batch Mode		Batch Mode		Skimmed and fluffed FB1 and FB2.
07/16/2025	1,541	No			Batch Mode		Batch Mode		N/A
07/17/2025	1,542	No			Batch Mode		Batch Mode		N/A
07/18/2025	1,543	No			Batch Mode		Batch Mode		N/A
07/21/2025	1,546	No			Batch Mode		Batch Mode		N/A
07/22/2025	1,547	No			Batch Mode		Batch Mode		N/A
07/23/2025	1,548	No			Batch Mode		Batch Mode		N/A
07/24/2025	1,549	No			Batch Mode		Batch Mode		N/A
07/28/2025	1,553	No			Batch Mode		Batch Mode		N/A
07/29/2025	1,554	No			Batch Mode		Batch Mode		N/A
07/30/2025	1,555	No			Batch Mode		Batch Mode		N/A
07/31/2025	1,556	No			Batch Mode		Batch Mode		N/A
08/01/2025	1,557	No			Batch Mode		Batch Mode		N/A
08/04/2025	1,560	No			Batch Mode		Batch Mode		N/A
08/05/2025	1,561	No			Batch Mode		Batch Mode		N/A
08/06/2025	1,562	No			Batch Mode		Batch Mode		N/A
08/07/2025	1,563	No			Batch Mode		Batch Mode		N/A
08/08/2025	1,564	No			Batch Mode		Batch Mode		N/A
08/11/2025	1,567	No			Batch Mode		Batch Mode		N/A
08/12/2025	1,568	No			Batch Mode		Batch Mode		N/A
08/13/2025	1,569	Yes			Batch Mode		Series		Opened inlet and mid valves.
08/14/2025	1,570	Yes			Series		Series		N/A
08/15/2025	1,571	Yes			Series		Series		N/A
08/18/2025	1,574	No			Series		Batch Mode		Closed inlet and mid valves.
08/19/2025	1,575	--			Batch Mode		Batch Mode		N/A
08/21/2025	1,577	No			Batch Mode		Batch Mode		N/A
08/22/2025	1,578	No			Batch Mode		Batch Mode		N/A
08/25/2025	1,581	No			Batch Mode		Batch Mode		N/A
08/26/2025	1,582	No			Batch Mode		Batch Mode		Replaced rectangular effluent weir (W3) with v-notch weir.
08/27/2025	1,583	No			Batch Mode		Batch Mode		N/A
08/28/2025	1,584	No			Batch Mode		Batch Mode		N/A
08/29/2025	1,585	No			Batch Mode		Batch Mode		N/A

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
09/02/2025	1,589	No			Batch Mode		Batch Mode		N/A
09/04/2025	1,591	No			Batch Mode		Batch Mode		N/A
09/05/2025	1,592	No			Batch Mode		Batch Mode		N/A
09/08/2025	1,595	No			Batch Mode		Batch Mode		N/A
09/09/2025	1,596	No			Batch Mode		Batch Mode		N/A
09/10/2025	1,597	No			Batch Mode		Batch Mode		N/A
09/11/2025	1,598	No			Batch Mode		Batch Mode		N/A
09/12/2025	1,599	No			Batch Mode		Batch Mode		N/A
09/15/2025	1,602	No			Batch Mode		Batch Mode		N/A
09/16/2025	1,603	No			Batch Mode		Batch Mode		N/A
09/17/2025	1,604	No			Batch Mode		Batch Mode		N/A
09/18/2025	1,605	No			Batch Mode		Batch Mode		N/A
09/19/2025	1,606	No			Batch Mode		Batch Mode		N/A
09/24/2025	1,611	No			Batch Mode		Batch Mode		N/A
09/25/2025	1,612	No			Batch Mode		Batch Mode		GAC removed from FB1 and FB2.
09/29/2025	1,616	No			Batch Mode		Batch Mode		N/A
09/30/2025	1,617	No			Batch Mode		Batch Mode		N/A

Notes:

1 - Batch Mode indicates the inlet and transfer basin valves were closed and the FTC experienced no flow. Series indicates the inlet and transfer basin valves were open and the FTC experienced flow through the filter beds sequentially.

FTC - Flow-Through Cell

FB1 - Filter Bed 1

FB2 - Filter Bed 2

GAC - Granular Activated Carbon

N/A - Not Applicable

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
07/01/2025	1,485	No			Batch Mode		Batch Mode		N/A
07/02/2025	1,486	No			Batch Mode		Batch Mode		N/A
07/03/2025	1,487	No			Batch Mode		Batch Mode		N/A
07/07/2025	1,491	No			Batch Mode		Batch Mode		N/A
07/11/2025	1,495	No			Batch Mode		Batch Mode		N/A
07/14/2025	1,498	No			Batch Mode		Batch Mode		N/A
07/15/2025	1,499	No			Batch Mode		Batch Mode		N/A
07/16/2025	1,500	No			Batch Mode		Batch Mode		Skimmed and fluffed FB1 and FB2.
07/17/2025	1,501	No			Batch Mode		Batch Mode		N/A
07/18/2025	1,502	No			Batch Mode		Batch Mode		N/A
07/21/2025	1,505	No			Batch Mode		Batch Mode		N/A
07/22/2025	1,506	No			Batch Mode		Batch Mode		N/A
07/23/2025	1,507	No			Batch Mode		Batch Mode		N/A
07/24/2025	1,508	No			Batch Mode		Batch Mode		N/A
07/28/2025	1,512	No			Batch Mode		Batch Mode		N/A
07/29/2025	1,513	No			Batch Mode		Batch Mode		N/A
07/30/2025	1,514	No			Batch Mode		Batch Mode		N/A
07/31/2025	1,515	No			Batch Mode		Batch Mode		N/A
08/01/2025	1,516	No			Batch Mode		Batch Mode		N/A
08/04/2025	1,519	No			Batch Mode		Batch Mode		N/A
08/05/2025	1,520	No			Batch Mode		Batch Mode		N/A
08/06/2025	1,521	No			Batch Mode		Batch Mode		N/A
08/07/2025	1,522	No			Batch Mode		Batch Mode		N/A
08/08/2025	1,523	No			Batch Mode		Batch Mode		N/A
08/11/2025	1,526	No			Batch Mode		Batch Mode		N/A
08/12/2025	1,527	No			Batch Mode		Batch Mode		N/A
08/13/2025	1,528	No			Batch Mode		Batch Mode		N/A
08/14/2025	1,529	No			Batch Mode		Batch Mode		N/A
08/15/2025	1,530	Yes			Batch Mode		Series		Opened inlet and mid valves.
08/18/2025	1,533	No			Series		Batch Mode		Closed inlet and mid valves.
08/21/2025	1,536	No			Batch Mode		Batch Mode		N/A
08/22/2025	1,537	No			Batch Mode		Batch Mode		Replaced rectangular effluent weir (W3) with v-notch weir.
08/25/2025	1,540	No			Batch Mode		Batch Mode		N/A
08/26/2025	1,541	No			Batch Mode		Batch Mode		N/A
08/27/2025	1,542	No			Batch Mode		Batch Mode		N/A
08/28/2025	1,543	No			Batch Mode		Batch Mode		N/A
08/29/2025	1,544	No			Batch Mode		Batch Mode		N/A

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
09/02/2025	1,548	No			Batch Mode		Batch Mode		N/A
09/03/2025	1,549	No			Batch Mode		Batch Mode		N/A
09/04/2025	1,550	No			Batch Mode		Batch Mode		N/A
09/05/2025	1,551	No			Batch Mode		Batch Mode		N/A
09/08/2025	1,554	No			Batch Mode		Batch Mode		N/A
09/09/2025	1,555	No			Batch Mode		Batch Mode		N/A
09/10/2025	1,556	No			Batch Mode		Batch Mode		N/A
09/11/2025	1,557	No			Batch Mode		Batch Mode		N/A
09/12/2025	1,558	No			Batch Mode		Batch Mode		N/A
09/15/2025	1,561	No			Batch Mode		Batch Mode		N/A
09/16/2025	1,562	No			Batch Mode		Batch Mode		N/A
09/17/2025	1,563	No			Batch Mode		Batch Mode		N/A
09/18/2025	1,564	No			Batch Mode		Batch Mode		N/A
09/19/2025	1,565	No			Batch Mode		Batch Mode		N/A
09/24/2025	1,570	No			Batch Mode		Batch Mode		N/A
09/25/2025	1,571	No			Batch Mode		Batch Mode		GAC removed from FB1 and FB2.
09/29/2025	1,575	No			Batch Mode		Batch Mode		N/A
09/30/2025	1,576	No			Batch Mode		Batch Mode		N/A

Notes:

1 - Batch Mode indicates the inlet and transfer basin valves were closed and the FTC experienced no flow. Series indicates the inlet and transfer basin valves were open and the FTC experienced flow through the filter beds sequentially.

FTC - Flow-Through Cell

FB1 - Filter Bed 1

FB2 - Filter Bed 2

GAC - Granular Activated Carbon

N/A - Not Applicable

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
07/01/2025	1,659	No			Batch Mode		Batch Mode		N/A
07/02/2025	1,660	No			Batch Mode		Batch Mode		N/A
07/03/2025	1,661	Yes			Batch Mode		Series		Opened inlet and mid valves.
07/04/2025	1,662	--		X	Series		Series		N/A
07/05/2025	1,663	--			Series		Series		N/A
07/06/2025	1,664	--		X	Series		Series		N/A
07/07/2025	1,665	Yes			Series		Series		N/A
07/11/2025	1,669	Yes			Series		Series		Skimmed and fluffed FB1 and FB2.
07/14/2025	1,672	No			Series		Batch Mode		Skimmed and fluffed FB1. Closed inlet and mid valves.
07/15/2025	1,673	No			Batch Mode		Batch Mode		N/A
07/16/2025	1,674	No			Batch Mode		Batch Mode		N/A
07/17/2025	1,675	No			Batch Mode		Batch Mode		N/A
07/18/2025	1,676	No			Batch Mode		Batch Mode		N/A
07/21/2025	1,679	No			Batch Mode		Batch Mode		N/A
07/22/2025	1,680	No			Batch Mode		Batch Mode		N/A
07/23/2025	1,681	No			Batch Mode		Batch Mode		N/A
07/24/2025	1,682	No			Batch Mode		Batch Mode		N/A
07/28/2025	1,686	No			Batch Mode		Series		Opened inlet and mid valves.
07/29/2025	1,687	No		X	Series		Batch Mode		Closed inlet and mid valves.
07/30/2025	1,688	No			Batch Mode		Batch Mode		N/A
07/31/2025	1,689	No			Batch Mode		Batch Mode		N/A
08/01/2025	1,690	No			Batch Mode		Series		Opened inlet and mid valves.
08/02/2025	1,691	No		X	Series		Series		
08/04/2025	1,693	No			Series		Batch Mode		Closed inlet and mid valves.
08/05/2025	1,694	No			Batch Mode		Batch Mode		N/A
08/06/2025	1,695	No			Batch Mode		Batch Mode		N/A
08/07/2025	1,696	No			Batch Mode		Batch Mode		N/A
08/08/2025	1,697	No			Batch Mode		Batch Mode		N/A
08/11/2025	1,700	No			Batch Mode		Batch Mode		N/A
08/12/2025	1,701	Yes			Batch Mode		Series		Opened inlet and mid valves.
08/13/2025	1,702	No		X	Series		Series		N/A
08/14/2025	1,703	No			Series		Series		N/A
08/15/2025	1,704	Yes			Series		Series		N/A
08/18/2025	1,707	No			Series		Batch Mode		Closed inlet and mid valves.
08/21/2025	1,710	No			Batch Mode		Batch Mode		N/A
08/22/2025	1,711	No			Batch Mode		Batch Mode		N/A
08/25/2025	1,714	No			Batch Mode		Batch Mode		N/A
08/26/2025	1,715	No			Batch Mode		Batch Mode		N/A
08/27/2025	1,716	No			Batch Mode		Batch Mode		N/A
08/28/2025	1,717	No			Batch Mode		Batch Mode		N/A
08/29/2025	1,718	No			Batch Mode		Batch Mode		N/A

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
09/02/2025	1,722	No			Batch Mode		Batch Mode		N/A
09/03/2025	1,723	No			Batch Mode		Batch Mode		Replaced rectangular effluent weir (W3) with v-notch weir.
09/04/2025	1,724	No			Batch Mode		Batch Mode		N/A
09/05/2025	1,725	No			Batch Mode		Batch Mode		N/A
09/08/2025	1,728	No			Batch Mode		Batch Mode		N/A
09/09/2025	1,729	No			Batch Mode		Batch Mode		N/A
09/10/2025	1,730	No			Batch Mode		Batch Mode		N/A
09/11/2025	1,731	No			Batch Mode		Batch Mode		N/A
09/12/2025	1,732	No			Batch Mode		Batch Mode		N/A
09/15/2025	1,735	No			Batch Mode		Batch Mode		N/A
09/16/2025	1,736	No			Batch Mode		Batch Mode		N/A
09/17/2025	1,737	No			Batch Mode		Batch Mode		N/A
09/18/2025	1,738	No			Batch Mode		Batch Mode		N/A
09/19/2025	1,739	No			Batch Mode		Batch Mode		N/A
09/22/2025	1,742	--			Batch Mode		Batch Mode		N/A
09/23/2025	1,743	No			Batch Mode		Batch Mode		N/A
09/24/2025	1,744	No			Batch Mode		Batch Mode		N/A
09/25/2025	1,745	No			Batch Mode		Batch Mode		N/A
09/29/2025	1,749	No			Batch Mode		Batch Mode		N/A
09/30/2025	1,750	No			Batch Mode		Batch Mode		N/A

Notes:

1 - Batch Mode indicates the inlet and transfer basin valves were closed and the FTC experienced no flow. Series indicates the inlet and transfer basin valves were open and the FTC experienced flow through the filter beds sequentially.

FTC - Flow-Through Cell

FB1 - Filter Bed 1

FB2 - Filter Bed 2

N/A - Not Applicable

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
07/01/2025	1,469	No			Batch Mode		Batch Mode		N/A
07/02/2025	1,470	No			Batch Mode		Batch Mode		N/A
07/03/2025	1,471	No			Batch Mode		Batch Mode		N/A
07/07/2025	1,475	No			Batch Mode		Batch Mode		N/A
07/11/2025	1,479	No			Batch Mode		Series		Opened inlet and mid valves.
07/14/2025	1,482	No			Series		Batch Mode		Skimmed and fluffed FB1 and FB2. Closed inlet and mid valves.
07/15/2025	1,483	No			Batch Mode		Batch Mode		N/A
07/16/2025	1,484	No			Batch Mode		Batch Mode		N/A
07/17/2025	1,485	No			Batch Mode		Batch Mode		N/A
07/18/2025	1,486	No			Batch Mode		Batch Mode		N/A
07/21/2025	1,489	No			Batch Mode		Batch Mode		N/A
07/22/2025	1,490	No			Batch Mode		Batch Mode		N/A
07/23/2025	1,491	No			Batch Mode		Batch Mode		N/A
07/24/2025	1,492	No			Batch Mode		Batch Mode		N/A
07/28/2025	1,496	No			Batch Mode		Batch Mode		N/A
07/29/2025	1,497	No			Batch Mode		Batch Mode		N/A
07/30/2025	1,498	No			Batch Mode		Batch Mode		N/A
07/31/2025	1,499	No			Batch Mode		Batch Mode		N/A
08/01/2025	1,500	No			Batch Mode		Batch Mode		N/A
08/04/2025	1,503	No			Batch Mode		Batch Mode		N/A
08/05/2025	1,504	No			Batch Mode		Batch Mode		N/A
08/06/2025	1,505	No			Batch Mode		Batch Mode		N/A
08/07/2025	1,506	No			Batch Mode		Batch Mode		N/A
08/08/2025	1,507	No			Batch Mode		Batch Mode		N/A
08/11/2025	1,510	No			Batch Mode		Batch Mode		N/A
08/12/2025	1,511	No			Batch Mode		Batch Mode		N/A
08/13/2025	1,512	No			Batch Mode		Batch Mode		N/A
08/14/2025	1,513	Yes			Batch Mode		Batch Mode		N/A
08/15/2025	1,514	Yes			Batch Mode		Series		Opened inlet and mid valves.
08/18/2025	1,517	No			Series		Batch Mode		Closed inlet and mid valves.
08/21/2025	1,520	No			Batch Mode		Batch Mode		N/A
08/22/2025	1,521	No			Batch Mode		Batch Mode		N/A
08/25/2025	1,524	No			Batch Mode		Batch Mode		Replaced rectangular effluent weir (W3) with v-notch weir.
08/26/2025	1,525	No			Batch Mode		Batch Mode		N/A
08/27/2025	1,526	No			Batch Mode		Batch Mode		N/A
08/28/2025	1,527	No			Batch Mode		Batch Mode		N/A
08/29/2025	1,528	No			Batch Mode		Batch Mode		N/A

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed		Operational Mode				Maintenance Activities Completed
			Breakthrough Monitoring	Performance Monitoring	Arrival		Departure		
					FB1	FB2	FB1	FB2	
09/02/2025	1,532	No			Batch Mode		Batch Mode		N/A
09/03/2025	1,533	No			Batch Mode		Batch Mode		N/A
09/04/2025	1,534	No			Batch Mode		Batch Mode		N/A
09/05/2025	1,535	No			Batch Mode		Batch Mode		N/A
09/08/2025	1,538	No			Batch Mode		Batch Mode		N/A
09/09/2025	1,539	No			Batch Mode		Batch Mode		N/A
09/10/2025	1,540	No			Batch Mode		Batch Mode		N/A
09/11/2025	1,541	No			Batch Mode		Batch Mode		N/A
09/12/2025	1,542	No			Batch Mode		Batch Mode		N/A
09/15/2025	1,545	No			Batch Mode		Batch Mode		N/A
09/16/2025	1,546	No			Batch Mode		Batch Mode		N/A
09/17/2025	1,547	No			Batch Mode		Batch Mode		N/A
09/18/2025	1,548	No			Batch Mode		Batch Mode		N/A
09/19/2025	1,549	No			Batch Mode		Batch Mode		N/A
09/25/2025	1,555	No			Batch Mode		Batch Mode		GAC removed from FB1 and FB2.
09/29/2025	1,559	No			Batch Mode		Batch Mode		N/A
09/30/2025	1,560	No			Batch Mode		Batch Mode		N/A

Notes:

1 - Batch Mode indicates the inlet and transfer basin valves were closed and the FTC experienced no flow. Series indicates the inlet and transfer basin valves were open and the FTC experienced flow through the filter beds sequentially.

FTC - Flow-Through Cell

FB1 - Filter Bed 1

FB2 - Filter Bed 2

GAC - Granular Activated Carbon

N/A - Not Applicable

Table 2-2
Local Precipitation Statistics
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Precipitation (inches)	
Current Reporting Period (July - September 2025)	8.91
Current Reporting Period Historical Average (July - September 2004-2020) ^[2]	13.43
2025 Year-to-Date	31.53
Historical Year-to-Date Average (2004-2020) ^[2]	32.71
Historical Annual Average (2004-2020) ^[2]	43.44

Notes:

- 1 - Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam when available.
- 2 - 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 #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-24-070425	July 3 - July 4, 2025	July 4, 2025
SEEP-A-EFFLUENT-24-070425		

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - Performance samples were not collected while the FTC was closed in batch mode.

Table 2-3B
FTC Sampling Summary - Seep B
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
N/A ^[1]	N/A ^[1]	N/A ^[1]

Notes:

- 1 - Performance samples were not collected while the FTC was closed in batch mode.

Table 2-3C
FTC Sampling Summary - Seep C
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-24-070425	July 3 - July 4, 2025	July 4, 2025
SEEP-C-EFFLUENT-24-070425		
SEEP-C-INFLUENT-24-070625	July 5 - July 6, 2025	July 6, 2025
SEEP-C-EFFLUENT-24-070625		
SEEP-C-INFLUENT-24-072925	July 28 - July 29, 2025	July 29, 2025
SEEP-C-EFFLUENT-24-072925		
SEEP-C-INFLUENT-24-080225	August 1 - August 2, 2025	August 2, 2025
SEEP-C-EFFLUENT-24-080225		
SEEP-C-INFLUENT-24-081325	August 12 - August 13, 2025	August 13, 2025
SEEP-C-EFFLUENT-24-081325		

Notes:

- 1 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 - Performance samples were not collected while the FTC was closed in batch mode.

Table 2-3D
FTC Sampling Summary - Seep D
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
N/A ^[1]	N/A ^[1]	N/A ^[1]

Notes:

1 - Performance samples were not collected while the FTC was closed in batch mode.

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

<i>Table 3 + SOP (ng/L)</i>	SEEP-A-INFLUENT- 24-070425 Sample Date: 4-Jul-25	SEEP-A-EFFLUENT- 24-070425 Sample Date: 4-Jul-25	Percent Removal
Hfpo Dimer Acid	5,000	<2	>99.9%
PFMOAA	7,500	4.9	99.9%
PFO2HxA	6,200	<2	>99.9%
PFO3OA	1,800	<2	>99.9%
PFO4DA	1,100	<2	>99.9%
PFO5DA	750	<2	>99.9%
PMPA	3,000	<10	>99.9%
PEPA	1,400	<10	>99.9%
PS Acid	160	<2	>99.9%
Hydro-PS Acid	260	<2	>99.9%
R-PSDA	570 J	<2	>99.9%
Hydrolyzed PSDA	1,200 J	<2	>99.9%
R-PSDCA	<50	<2	>99.9%
NVHOS, Acid Form	190	<2	>99.9%
EVE Acid	<50	<2	>99.9%
Hydro-EVE Acid	230	<2	>99.9%
R-EVE	210 J	<2	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2	>99.9%
PFECA B	<50	<2	>99.9%
PFECA-G	<50	<2	>99.9%
Total Table 3+ (17 compounds)^{1,2}	28,000	4.9	>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 #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

<i>Table 3 + SOP (ng/L)</i>	N/A ^[1] Sample Date: N/A	N/A ^[1] Sample Date: N/A	Percent Removal
Hfpo Dimer Acid	-	-	-
PFMOAA	-	-	-
PFO2HxA	-	-	-
PFO3OA	-	-	-
PFO4DA	-	-	-
PFO5DA	-	-	-
PMPA	-	-	-
PEPA	-	-	-
PS Acid	-	-	-
Hydro-PS Acid	-	-	-
R-PSDA	-	-	-
Hydrolyzed PSDA	-	-	-
R-PSDCA	-	-	-
NVHOS, Acid Form	-	-	-
EVE Acid	-	-	-
Hydro-EVE Acid	-	-	-
R-EVE	-	-	-
Perfluoro(2-ethoxyethane)sulfonic Acid	-	-	-
PFECA B	-	-	-
PFECA-G	-	-	-
Total Table 3+ (17 compounds)^{2,3}	-	-	-

Notes:

- 1 - Performance samples were not collected while the FTC was closed in batch mode.
 - 2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
 - 3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
 - 4 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- ng/L - nanograms per liter
 FTC - flow through cell
 SOP - standard operating procedure

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

	SEEP-C-INFLUENT- 24-070425	SEEP-C-EFFLUENT- 24-070425		SEEP-C-INFLUENT- 24-070625	SEEP-C-EFFLUENT- 24-070625		SEEP-C-INFLUENT- 24-072925	SEEP-C-EFFLUENT- 24-072925	
	Sample Date: 4-Jul-25	Sample Date: 4-Jul-25	Percent Removal	Sample Date: 6-Jul-25	Sample Date: 6-Jul-25	Percent Removal	Sample Date: 29-Jul-25	Sample Date: 29-Jul-25	Percent Removal
<i>Table 3 + SOP (ng/L)</i>									
Hfpo Dimer Acid	470	18	96.2%	650	19	97.1%	810	6.0	99.3%
PFMOAA	710	37	94.8%	790	45	94.3%	1,400	13	99.1%
PFO2HxA	590	63	89.3%	810	76	90.6%	1,400	14	99.0%
PFO3OA	230	4.4	98.1%	300	3.9	98.7%	530	2.9	99.5%
PFO4DA	170	<2	>99.9%	250	<2	>99.9%	310	<2	>99.9%
PFO5DA	<78	<2	>99.9%	<78	<2	>99.9%	<78	<2	>99.9%
PMPA	<620	19	[4]	<620	19	[4]	<620	<10	>99.9%
PEPA	<250	<10	>99.9%	<250	<10	>99.9%	<250	<10	>99.9%
PS Acid	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
Hydro-PS Acid	52	<2	>99.9%	74	<2	>99.9%	74	<2	>99.9%
R-PSDA	<71	<2	>99.9%	<71	<2	>99.9%	110 J	<2	>99.9%
Hydrolyzed PSDA	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
R-PSDCA	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
NVHOS, Acid Form	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
EVE Acid	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
Hydro-EVE Acid	84	<2	>99.9%	140	<2	>99.9%	160	<2	>99.9%
R-EVE	<72	<2	>99.9%	<72	<2	>99.9%	<72	<2	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
PFECA B	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
PFECA-G	<50	<2	>99.9%	<50	<2	>99.9%	<50	<2	>99.9%
Total Table 3+ (17 compounds)^{1,2}	2,300	140	93.9%	3,000	160	94.7%	4,700	36	99.2%

Notes:

- 1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
 - 2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
 - 3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
 - 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 #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	SEEP-C-INFLUENT- 24-080225	SEEP-C-EFFLUENT- 24-080225	Percent Removal	SEEP-C-INFLUENT- 24-081325	SEEP-C-EFFLUENT- 24-081325	Percent Removal
	Sample Date: 2-Aug-25	Sample Date: 2-Aug-25		Sample Date: 13-Aug-25	Sample Date: 13-Aug-25	
<i>Table 3 + SOP (ng/L)</i>						
Hfpo Dimer Acid	580	11	98.1%	450	26	94.2%
PfMOAA	1,300	17	98.7%	1,100	32	97.1%
PFO2HxA	990	32	96.8%	800	87	89.1%
PFO3OA	390 J	3.7	99.1%	300	6.5	97.8%
PFO4DA	200	<2	>99.9%	140	<2	>99.9%
PFO5DA	<78	<2	>99.9%	<78	<2	>99.9%
PMPA	<620	<10	>99.9%	<620	12	[4]
PEPA	<250	<10	>99.9%	<250	<10	>99.9%
PS Acid	<50	<2	>99.9%	<50	<2	>99.9%
Hydro-PS Acid	57	<2	>99.9%	<50	<2	>99.9%
R-PSDA	<71	<2	>99.9%	81 J	<2	>99.9%
Hydrolyzed PSDA	<50	<2	>99.9%	<50	<2	>99.9%
R-PSDCA	<50	<2	>99.9%	<50	<2	>99.9%
NVHOS, Acid Form	<50	<2	>99.9%	<50	<2	>99.9%
EVE Acid	<50	<2	>99.9%	<50	<2	>99.9%
Hydro-EVE Acid	110	<2	>99.9%	79	<2	>99.9%
R-EVE	<72	<2	>99.9%	<72	<2	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2	>99.9%	<50	<2	>99.9%
PFECA B	<50	<2	>99.9%	<50	<2	>99.9%
PFECA-G	<50	<2	>99.9%	<50	<2	>99.9%
Total Table 3+ (17 compounds)^{1,2}	3,600	64	98.2%	2,900	160	94.5%

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]"
 - 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 #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

<i>Table 3 + SOP (ng/L)</i>	N/A ^[1] Sample Date: N/A	N/A ^[1] Sample Date: N/A	Percent Removal
Hfpo Dimer Acid	-	-	-
PFMOAA	-	-	-
PFO2HxA	-	-	-
PFO3OA	-	-	-
PFO4DA	-	-	-
PFO5DA	-	-	-
PMPA	-	-	-
PEPA	-	-	-
PS Acid	-	-	-
Hydro-PS Acid	-	-	-
R-PSDA	-	-	-
Hydrolyzed PSDA	-	-	-
R-PSDCA	-	-	-
NVHOS, Acid Form	-	-	-
EVE Acid	-	-	-
Hydro-EVE Acid	-	-	-
R-EVE	-	-	-
Perfluoro(2-ethoxyethane)sulfonic Acid	-	-	-
PFECA B	-	-	-
PFECA-G	-	-	-
Total Table 3+ (17 compounds)^{2,3}	-	-	-

Notes:

- 1 - Performance samples were not collected while the FTC was closed in batch mode.
 - 2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
 - 3 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
 - 4 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- ng/L - nanograms per liter
 FTC - flow through cell
 SOP - standard operating procedure

Table 2-5A
FTC Water Quality Data - Seep A
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/4/2025	7.36	7.38	0.02	6.36	4.41	-1.95	270.5	237.8	-32.7	20	19.4	-1	20	8.5	-12	6.7 J	<1 UJ	-6.7

Notes:

1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.

2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.

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

UJ - Analyte undetected, reporting limit estimated

°C - degrees Celsius

DO - dissolved oxygen

FTC - flow through cell

mg/L - milligrams per liter

NTU - nephelometric turbidity units

SU - standard units

TSS - total suspended solids

µS/cm - microSiemens per centimeter

Table 2-5B
FTC Water Quality Data - Seep B
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference
N/A ^[1]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1 - Performance samples were not collected while the FTC was closed in batch mode.

°C - degrees Celsius

DO - dissolved oxygen

FTC - flow through cell

mg/L - milligrams per liter

NTU - nephelometric turbidity units

SU - standard units

TSS - total suspended solids

µS/cm - microSiemens per centimeter

Table 2-5C
FTC Water Quality Data - Seep C
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS ^[1] (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference ^[2]
7/4/2025	7.36	6.95	-0.41	5.92	6.84	0.92	94.5	235	141	19.4	20.9	1.5	57	19.25	-38	21 J	4.9 J	-16
7/6/2025	6.78	6.75	-0.03	7.04	7.23	0.19	110.1	245	135	21.7	22	0	27.2	13.26	-13.9	1.9 J	1 J	-1
7/29/2025	7.22	7.44	0.22	7.02	7.2	0.2	184.3	172.5	-11.8	27.7	26.9	-0.8	12	11.5	-1	9.6	5	-5
8/2/2025	7.93	7.93	0.00	7.71	7.77	0.06	176.6	162.7	-13.9	26.4	26.7	0.3	13.2	2.66	-10.5	9.1	<1	-9.1
8/13/2025	7.98	8.1	0.1	7.84	7.6	-0.2	202.3	187.2	-15.1	25	25.1	0	13.05	2.93	-10.12	5.5	<1	-5.5
<i>Average</i>	<i>7.5</i>	<i>7.43</i>	<i>-0.1</i>	<i>7.1</i>	<i>7.3</i>	<i>0.2</i>	<i>153.6</i>	<i>200.5</i>	<i>46.9</i>	<i>24.0</i>	<i>24.3</i>	<i>0.3</i>	<i>24</i>	<i>9.9</i>	<i>-15</i>	<i>9</i>	<i>2</i>	<i>-7</i>
<i>Median</i>	<i>7.4</i>	<i>7.44</i>	<i>0</i>	<i>7.0</i>	<i>7.2</i>	<i>0.2</i>	<i>176.6</i>	<i>187.2</i>	<i>10.6</i>	<i>25.0</i>	<i>25.1</i>	<i>0.1</i>	<i>13</i>	<i>11.5</i>	<i>-2</i>	<i>9</i>	<i>1</i>	<i>-6</i>

Notes:

1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.

2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.

°C - degrees Celsius

DO - dissolved oxygen

FTC - flow through cell

NTU - nephelometric turbidity units

SU - standard units

TSS - total suspended solids

µS/cm - microSiemens per centimeter

Table 2-5D
FTC Water Quality Data - Seep D
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference
N/A ⁽¹⁾	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1 - Performance samples were not collected while the FTC was closed in batch mode.

°C - degrees Celsius

DO - dissolved oxygen

FTC - flow through cell

mg/L - milligrams per liter

NTU - nephelometric turbidity units

SU - standard units

TSS - total suspended solids

µS/cm - microSiemens per centimeter

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 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)
7/1/2025	20,408,999	3,521,224	15,865,297	1,537,768	6,926,778	48,260,066	22,464	63,477,473
7/2/2025	20,448,115	3,549,150	15,866,840	1,538,695	6,956,620	48,359,420	20,438	63,497,911
7/3/2025	20,602,780	3,551,862	16,054,066	1,544,941	6,966,180	48,719,829	71,900	63,569,811
7/4/2025	20,646,164	3,553,130	16,076,734	1,547,027	6,973,262	48,796,317	88,799	63,658,610
7/5/2025	20,662,009	3,554,228	16,085,936	1,548,813	6,980,616	48,831,602	151,195	63,809,805
7/6/2025	20,816,675	3,576,957	16,168,171	1,550,417	7,006,458	49,118,678	147,355	63,957,160
7/7/2025	20,899,969	3,579,623	16,248,717	1,556,647	7,015,943	49,300,899	147,032	64,104,192
7/8/2025	20,916,392	3,584,217	16,262,908	1,559,418	7,023,249	49,346,184	154,000	64,258,192
7/9/2025	20,931,629	3,584,217	16,274,443	1,560,700	7,031,222	49,382,211	148,053	64,406,245
7/10/2025	20,945,290	3,584,289	16,283,580	1,562,294	7,039,134	49,414,587	148,690	64,554,936
7/11/2025	20,968,663	3,587,649	16,299,300	1,564,308	7,046,886	49,466,806	149,069	64,704,004
7/12/2025	20,981,757	3,589,032	16,309,935	1,565,994	7,053,945	49,500,663	148,490	64,852,495
7/13/2025	20,998,053	3,590,106	16,317,338	1,567,327	7,060,979	49,533,803	146,987	64,999,482
7/14/2025	21,013,049	3,591,192	16,323,973	1,568,607	7,067,998	49,564,819	135,087	65,134,568
7/15/2025	21,028,583	3,592,128	16,329,640	1,569,853	7,075,020	49,595,224	39,734	65,174,302
7/16/2025	21,052,801	3,597,193	16,335,624	1,571,153	7,081,389	49,638,160	33,851	65,208,153
7/17/2025	21,078,595	3,598,431	16,354,441	1,573,557	7,088,345	49,693,369	66,006	65,274,159
7/18/2025	21,094,122	3,599,474	16,361,551	1,574,691	7,095,328	49,725,166	47,799	65,321,958
7/19/2025	21,108,862	3,600,271	16,366,680	1,575,924	7,101,674	49,753,411	29,408	65,351,366
7/20/2025	21,122,968	3,601,125	16,370,167	1,576,909	7,108,642	49,779,811	25,217	65,376,584
7/21/2025	21,139,117	3,601,908	16,372,759	1,578,063	7,114,946	49,806,793	21,535	65,398,119
7/22/2025	21,153,415	3,602,765	16,374,634	1,578,990	7,121,902	49,831,706	21,618	65,419,736
7/23/2025	21,169,183	3,603,442	16,376,378	1,579,920	7,127,615	49,856,538	18,298	65,438,035
7/24/2025	21,183,473	3,604,260	16,377,909	1,580,632	7,133,934	49,880,208	20,995	65,459,030
7/25/2025	21,199,340	3,604,929	16,379,499	1,581,557	7,140,207	49,905,532	17,912	65,476,941
7/26/2025	21,213,220	3,605,729	16,380,920	1,582,483	7,146,452	49,928,804	20,213	65,497,154
7/27/2025	21,315,958	3,621,424	16,382,262	1,583,167	7,157,031	50,059,842	18,201	65,515,355
7/28/2025	21,348,607	3,622,374	16,453,178	1,589,169	7,163,436	50,176,764	137,175	65,652,530
7/29/2025	21,362,870	3,623,162	16,458,126	1,590,396	7,169,757	50,204,311	148,049	65,800,579
7/30/2025	21,378,693	3,624,019	16,462,030	1,591,428	7,175,993	50,232,163	64,333	65,864,912
7/31/2025	21,397,315	3,637,064	16,465,894	1,592,453	7,185,619	50,278,345	26,041	65,890,953
July Total	1,003,315	116,698	602,725	55,844	265,293	2,043,875		2,435,944

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
8/1/2025	21,493,607	3,638,846	16,519,426	1,597,865	7,191,905	50,441,649	120,796	66,011,748
8/2/2025	21,520,229	3,641,554	16,538,626	1,599,521	7,198,080	50,498,010	149,175	66,160,923
8/3/2025	21,533,981	3,642,677	16,549,930	1,600,963	7,204,268	50,531,819	67,498	66,228,421
8/4/2025	21,550,157	3,643,450	16,555,180	1,602,322	7,210,541	50,561,650	30,303	66,258,724
8/5/2025	21,564,055	3,644,412	16,558,564	1,603,067	7,216,046	50,586,144	27,289	66,286,013
8/6/2025	21,580,971	3,645,410	16,564,627	1,604,270	7,222,164	50,617,442	36,883	66,322,897
8/7/2025	21,601,574	3,648,575	16,571,096	1,605,160	7,228,345	50,654,750	37,095	66,359,992
8/8/2025	21,620,187	3,649,680	16,592,485	1,606,814	7,234,513	50,703,679	64,703	66,424,695
8/9/2025	21,634,597	3,650,438	16,599,183	1,607,948	7,240,345	50,732,511	48,243	66,472,938
8/10/2025	21,651,301	3,651,546	16,603,951	1,608,763	7,246,089	50,761,650	26,543	66,499,481
8/11/2025	21,665,950	3,659,097	16,613,207	1,609,754	7,252,601	50,800,609	36,552	66,536,034
8/12/2025	21,820,616	3,675,358	16,691,223	1,612,848	7,269,565	51,069,610	112,963	66,648,997
8/13/2025	21,876,452	3,677,876	16,761,059	1,618,904	7,277,025	51,211,316	150,087	66,799,084
8/14/2025	21,890,741	3,679,211	16,775,266	1,620,998	7,283,828	51,250,044	148,752	66,947,836
8/15/2025	21,908,720	3,680,679	16,787,960	1,622,695	7,290,011	51,290,065	147,925	67,095,760
8/16/2025	21,923,527	3,681,597	16,797,108	1,624,078	7,295,663	51,321,973	134,442	67,230,203
8/17/2025	21,937,832	3,682,608	16,804,084	1,625,176	7,301,911	51,351,611	36,133	67,266,336
8/18/2025	21,951,878	3,683,341	16,809,563	1,626,218	7,308,111	51,379,111	25,758	67,292,093
8/19/2025	21,967,509	3,684,247	16,813,781	1,627,236	7,314,353	51,407,126	23,941	67,316,035
8/20/2025	21,981,802	3,685,034	16,818,149	1,628,359	7,320,100	51,433,444	37,364	67,353,399
8/21/2025	21,997,463	3,685,895	16,822,277	1,629,190	7,326,446	51,461,271	37,435	67,390,833
8/22/2025	22,013,080	3,686,418	16,826,107	1,630,194	7,332,099	51,487,898	27,855	67,418,688
8/23/2025	22,026,895	3,687,230	16,829,607	1,630,973	7,337,730	51,512,435	13	67,418,702
8/24/2025	22,040,978	3,687,831	16,832,671	1,631,724	7,343,968	51,537,172	0	67,418,702
8/25/2025	22,056,534	3,688,520	16,835,208	1,632,460	7,349,572	51,562,294	22,884	67,441,586
8/26/2025	22,070,276	3,688,617	16,837,274	1,633,169	7,355,170	51,584,506	68,793	67,510,378
8/27/2025	22,086,906	3,689,563	16,838,559	1,633,846	7,360,129	51,609,003	24,061	67,534,439
8/28/2025	22,099,161	3,689,662	16,839,516	1,634,515	7,365,671	51,628,525	15,900	67,550,339
8/29/2025	22,114,715	3,690,609	16,840,715	1,634,999	7,371,227	51,652,265	20,213	67,570,552
8/30/2025	22,128,091	3,691,106	16,841,743	1,635,683	7,376,762	51,673,385	15,540	67,586,092
8/31/2025	22,143,475	3,691,643	16,842,749	1,636,130	7,381,674	51,695,671	14,453	67,600,545
August Total	746,160	54,579	376,855	43,677	196,055	1,417,326		1,709,593

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Flow Totalizer Data from Seeps and Weeps Capture Systems Operated by GEOServices (gallons)						Surge Pond Flow to 004 GWTP Operated by Veolia	
	Seep A Totalizer (Cumulative)	Seep A Tributary Totalizer (Cumulative)	Seep B Totalizer (Cumulative)	Willis Creek Tributary Totalizer (Cumulative)	Weep 3 Totalizer (Cumulative)	Cumulative Volume Calculated from Capture System Totalizers	Daily Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)	Cumulative Volume Conveyed from Surge Pond to 004 Treatment Plant (gallons)
9/1/2025	22,156,773	3,691,719	16,843,499	1,636,793	7,387,212	51,715,996	17,989	67,618,535
9/2/2025	22,172,327	3,692,494	16,844,073	1,637,230	7,392,767	51,738,891	13,338	67,631,873
9/3/2025	22,186,689	3,692,967	16,844,831	1,637,677	7,398,305	51,760,469	24,099	67,655,971
9/4/2025	22,202,589	3,693,559	16,845,417	1,638,118	7,403,240	51,782,923	13,870	67,669,841
9/5/2025	22,214,685	3,693,637	16,846,225	1,638,563	7,408,805	51,801,915	32,267	67,702,108
9/6/2025	22,229,860	3,694,519	16,846,912	1,638,998	7,413,712	51,824,001	2	67,702,110
9/7/2025	22,243,423	3,694,600	16,847,379	1,639,430	7,418,622	51,843,454	0	67,702,110
9/8/2025	22,258,410	3,695,250	16,848,184	1,639,870	7,423,581	51,865,295	0	67,702,110
9/9/2025	22,271,477	3,695,736	16,848,295	1,640,110	7,428,512	51,884,130	11,913	67,714,023
9/10/2025	22,286,770	3,695,819	16,849,062	1,640,543	7,434,078	51,906,272	38,710	67,752,732
9/11/2025	22,301,199	3,697,100	16,849,993	1,640,789	7,438,948	51,928,029	38,205	67,790,937
9/12/2025	22,317,925	3,697,182	16,852,895	1,641,455	7,443,854	51,953,311	38,488	67,829,425
9/13/2025	22,329,803	3,698,130	16,855,108	1,641,749	7,448,764	51,973,554	27,117	67,856,542
9/14/2025	22,345,020	3,698,223	16,856,616	1,642,218	7,453,677	51,995,754	24,432	67,880,974
9/15/2025	22,358,209	3,699,061	16,858,137	1,642,468	7,458,614	52,016,489	17,948	67,898,922
9/16/2025	22,373,374	3,699,147	16,859,031	1,642,913	7,463,558	52,038,023	8	67,898,930
9/17/2025	22,386,649	3,699,973	16,859,854	1,643,136	7,468,494	52,058,106	0	67,898,930
9/18/2025	22,401,511	3,700,045	16,860,575	1,643,365	7,473,432	52,078,928	0	67,898,930
9/19/2025	22,414,798	3,700,873	16,861,526	1,643,805	7,478,393	52,099,395	0	67,898,930
9/20/2025	22,430,238	3,700,949	16,862,520	1,644,049	7,482,726	52,120,482	0	67,898,930
9/21/2025	22,443,905	3,701,687	16,863,174	1,644,300	7,487,666	52,140,732	0	67,898,930
9/22/2025	22,458,029	3,701,749	16,863,893	1,644,561	7,492,643	52,160,875	2,483	67,901,413
9/23/2025	22,471,109	3,702,401	16,864,481	1,644,817	7,496,999	52,179,807	33,637	67,935,050
9/24/2025	22,488,034	3,703,043	16,868,325	1,645,136	7,501,935	52,206,473	33,750	67,968,800
9/25/2025	22,501,187	3,709,797	16,869,402	1,645,358	7,506,862	52,232,606	33,896	68,002,696
9/26/2025	22,515,600	3,709,797	16,869,403	1,645,529	7,511,848	52,252,177	33,853	68,036,549
9/27/2025	22,536,719	3,709,797	16,877,324	1,646,746	7,516,751	52,287,337	25,866	68,062,415
9/28/2025	22,550,056	3,709,839	16,883,560	1,647,582	7,520,983	52,312,020	29,393	68,091,808
9/29/2025	22,568,275	3,712,989	16,887,283	1,647,757	7,525,286	52,341,590	43,056	68,134,864
9/30/2025	22,589,394	3,716,232	16,907,461	1,649,304	7,530,189	52,392,580	37,305	68,172,169
September Total	445,919	24,589	64,712	13,174	148,515	696,909		571,624
Reporting Period Total	2,195,394	195,866	1,044,292	112,695	609,863	4,158,110		4,717,160

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
Summary of GWEC Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
7/1/2025	329	448,017,051
7/2/2025	325	448,482,299
7/3/2025	328	448,953,563
7/4/2025	334	449,431,355
7/5/2025	334	449,910,331
7/6/2025	336	450,391,483
7/7/2025	334	450,870,747
7/8/2025	332	451,346,043
7/9/2025	323	451,808,795
7/10/2025	329	452,280,603
7/11/2025	337	452,763,611
7/12/2025	335	453,245,947
7/13/2025	336	453,727,003
7/14/2025	335	454,207,739
7/15/2025	336	454,688,475
7/16/2025	332	455,160,955
7/17/2025	335	455,641,435
7/18/2025	333	456,120,635
7/19/2025	335	456,601,371
7/20/2025	336	457,081,627
7/21/2025	320	457,539,835
7/22/2025	313	457,988,475
7/23/2025	317	458,443,675
7/24/2025	318	458,899,451
7/25/2025	324	459,364,347
7/26/2025	333	459,840,859
7/27/2025	290	460,260,571
7/28/2025	308	460,701,883
7/29/2025	338	461,187,355
7/30/2025	340	461,675,035
7/31/2025	337	462,155,611
July Total	N/A	14,608,576

Table 4-1
Summary of GWEC Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
8/1/2025	335	462,636,603
8/2/2025	338	463,121,307
8/3/2025	339	463,607,067
8/4/2025	315	464,058,107
8/5/2025	334	464,537,339
8/6/2025	336	465,018,811
8/7/2025	337	465,501,947
8/8/2025	337	465,984,539
8/9/2025	334	466,462,843
8/10/2025	333	466,940,571
8/11/2025	337	467,423,707
8/12/2025	340	467,911,451
8/13/2025	338	468,398,555
8/14/2025	337	468,879,355
8/15/2025	337	469,362,683
8/16/2025	341	469,850,651
8/17/2025	340	470,337,531
8/18/2025	334	470,817,019
8/19/2025	337	471,298,843
8/20/2025	339	471,785,467
8/21/2025	341	472,273,595
8/22/2025	336	472,755,131
8/23/2025	337	473,238,683
8/24/2025	339	473,723,611
8/25/2025	339	474,209,531
8/26/2025	334	474,688,411
8/27/2025	334	475,167,835
8/28/2025	335	475,648,539
8/29/2025	338	476,133,243
8/30/2025	338	476,617,627
8/31/2025	334	477,095,803
August Total	N/A	14,940,192

Table 4-1
Summary of GWEC Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
9/1/2025	334	477,575,035
9/2/2025	334	478,055,099
9/3/2025	339	478,540,187
9/4/2025	337	479,024,187
9/5/2025	334	479,502,875
9/6/2025	333	479,979,963
9/7/2025	328	480,449,467
9/8/2025	336	480,928,059
9/9/2025	336	481,410,875
9/10/2025	333	481,890,491
9/11/2025	332	482,366,331
9/12/2025	333	482,843,067
9/13/2025	333	483,320,347
9/14/2025	337	483,802,907
9/15/2025	334	484,282,651
9/16/2025	330	484,755,483
9/17/2025	328	485,226,107
9/18/2025	328	485,696,027
9/19/2025	329	486,167,867
9/20/2025	330	486,641,723
9/21/2025	326	487,110,491
9/22/2025	327	487,577,947
9/23/2025	329	488,048,731
9/24/2025	332	488,524,187
9/25/2025	336	489,005,499
9/26/2025	330	489,479,387
9/27/2025	330	489,951,419
9/28/2025	328	490,421,755
9/29/2025	328	490,892,635
9/30/2025	334	491,370,779
September Total	N/A	14,274,976
Reporting Period Total	N/A	43,823,744

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 4-2
Extraction Well Flow Data
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Target Aquifer	Average Extraction Flow Rate (gpm)			Total Volume (gallons)			
		July	August	September	July	August	September	Total Reporting Period
Willis Creek (Northern Alignment)								
EW-01	Black Creek Aquifer	13.51	14.67	14.66	603,098	654,775	633,405	1,891,278
EW-02	Black Creek Aquifer	5.66	5.87	5.86	252,628	261,839	253,296	767,763
EW-03	Black Creek Aquifer	2.40	2.45	2.45	107,284	109,219	105,653	322,156
EW-04	Black Creek Aquifer	1.08	0.26	0.27	48,425	11,716	11,712	71,853
EW-05	Black Creek Aquifer	13.65	13.69	13.69	609,303	611,228	591,279	1,811,811
EW-06	Black Creek Aquifer	7.77	7.83	7.82	347,043	349,318	337,915	1,034,276
EW-07	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-08	Black Creek Aquifer	4.23	4.40	4.40	188,794	196,522	190,103	575,419
EW-09	Black Creek Aquifer	0.12	0.14	0.14	5,253	6,369	6,213	17,835
EW-10	Black Creek Aquifer	0.80	0.90	0.90	35,903	40,289	39,058	115,249
EW-11	Black Creek Aquifer	2.44	2.45	2.44	108,841	109,149	105,577	323,567
EW-12	Black Creek Aquifer	1.46	1.47	1.46	65,243	65,412	63,278	193,933
EW-13	Black Creek Aquifer	0.66	0.57	0.57	29,300	25,343	24,665	79,308
EW-14	Black Creek Aquifer	4.24	4.45	4.45	189,326	198,764	192,353	580,442
EW-15	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
Average Northern Alignment EW		3.87	3.94	3.94	N/A	N/A	N/A	N/A
Barrier Wall (Southern Alignment)								
EW-16	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-17	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-18	Surficial Aquifer	0.77	0.73	0.73	34,357	32,453	31,617	98,428
EW-19	Black Creek Aquifer	2.37	2.47	2.47	105,696	110,433	106,872	323,001
EW-20	Surficial Aquifer	0.45	0.46	0.45	20,086	20,395	19,627	60,108
EW-21	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-22	Surficial Aquifer	6.90	6.93	6.93	307,926	309,162	299,190	916,278
EW-23	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-24	Surficial Aquifer	4.92	4.95	4.95	219,430	220,850	213,727	654,007
EW-25	Black Creek Aquifer	2.60	1.37	1.41	115,935	60,938	60,917	237,790
EW-26	Surficial Aquifer	0.44	0.21	0.22	19,630	9,455	9,452	38,538
EW-27	Surficial Aquifer	4.93	4.95	4.95	219,880	220,776	213,658	654,314
EW-28	Black Creek Aquifer	0.74	0.76	0.76	33,242	33,928	32,746	99,917
EW-29	Surficial Aquifer	4.41	4.45	4.45	197,023	198,699	192,288	588,010
EW-30	Black Creek Aquifer	3.92	3.96	3.96	175,148	176,619	170,924	522,691
EW-31	Surficial Aquifer	7.88	7.91	7.91	351,759	353,250	341,854	1,046,864
EW-32	Black Creek Aquifer	3.50	3.96	3.96	156,457	176,600	170,905	503,961
EW-33	Surficial Aquifer	1.36	1.30	1.30	60,498	58,009	56,179	174,686
EW-34	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-35	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-36	Black Creek Aquifer	7.02	7.91	7.91	313,197	353,272	341,877	1,008,345
EW-37	Surficial Aquifer	4.42	4.45	4.45	197,221	198,672	192,278	588,170
EW-38	Black Creek Aquifer	18.71	18.79	18.79	835,082	838,999	811,930	2,486,011
EW-39	Surficial Aquifer	1.90	1.80	1.81	84,713	80,498	77,997	243,208
EW-40	Black Creek Aquifer	21.66	21.77	21.77	967,075	971,653	940,301	2,879,029
EW-41	Black Creek Aquifer	3.94	3.95	3.95	175,754	176,534	170,838	523,126
EW-42	Black Creek Aquifer	3.91	3.96	3.96	174,619	176,563	170,867	522,048
EW-43	Black Creek Aquifer	4.92	4.95	4.95	219,836	220,829	213,711	654,376
EW-44	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-45	Black Creek Aquifer	3.94	3.95	3.95	175,728	176,514	170,819	523,060

Table 4-2
Extraction Well Flow Data
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Target Aquifer	Average Extraction Flow Rate (gpm)			Total Volume (gallons)			
		July	August	September	July	August	September	Total Reporting Period
EW-46	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-47	Black Creek Aquifer	3.94	3.95	3.95	175,722	176,523	170,830	523,075
EW-48	Surficial Aquifer	1.19	1.29	1.29	52,955	57,459	55,605	166,019
EW-49	Black Creek Aquifer	5.46	5.93	5.93	243,822	264,893	256,350	765,066
EW-50	Surficial Aquifer	1.97	1.98	1.98	87,814	88,233	85,385	261,431
EW-51	Black Creek Aquifer	3.94	3.95	3.95	175,738	176,538	170,844	523,120
EW-52	Black Creek Aquifer	5.91	5.94	5.94	263,888	264,973	256,424	785,286
EW-53	Black Creek Aquifer	4.43	4.45	4.45	197,822	198,726	192,315	588,863
EW-54	Black Creek Aquifer	2.95	2.97	2.97	131,865	132,474	128,206	392,545
EW-55	Black Creek Aquifer	7.72	7.91	7.91	344,694	353,227	341,831	1,039,752
EW-56	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-57	Black Creek Aquifer	1.11	1.15	1.15	49,731	51,347	49,592	150,670
EW-58	Black Creek Aquifer	1.66	1.66	1.66	73,925	74,294	71,858	220,077
EW-60	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-61	Black Creek Aquifer	2.34	2.41	2.41	104,235	107,546	104,141	315,922
EW-62	Black Creek Aquifer	1.55	1.46	1.48	69,087	65,215	63,760	198,062
EW-63	Black Creek Aquifer	10.77	10.88	10.88	480,800	485,827	470,147	1,436,773
EW-64	Black Creek Aquifer	0.09	0.24	0.25	4,067	10,638	10,634	25,340
EW-65	Black Creek Aquifer	1.45	3.82	3.83	64,650	170,404	165,291	400,345
EW-66	Black Creek Aquifer	11.82	11.87	11.87	527,670	530,046	512,938	1,570,655
EW-67	Black Creek Aquifer	29.56	29.68	29.68	1,319,587	1,324,967	1,282,222	3,926,776
EW-68	Black Creek Aquifer	27.59	27.70	27.70	1,231,563	1,236,607	1,196,706	3,664,877
EW-69	Black Creek Aquifer	27.56	27.70	27.70	1,230,181	1,236,589	1,196,698	3,663,469
Average Southern Alignment EW		5.07	5.15	5.15	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.
 2. The majority of extraction wells that are not actively pumping are offline due to limited water availability. In four Black Creek aquifer locations behind the barrier wall (EW-17, 34, 56, and 60), frequent fouling of the well pump and screen has created conditions that are impractical for continued operation. These wells have been shut down, and flow rate setpoints in other Black Creek aquifer wells behind the barrier wall have been increased to compensate. Performance monitoring of downgradient transects continues to indicate that the gradients in the area between the barrier wall and river have reduced (i.e., flattened) significantly.
 - 3 - Due to number rounding, extraction wells with very low flow rates may appear on this table as 0.00 gpm average flow rate per month and record a non-zero corresponding total volume extracted during the month.
- gpm - gallons per minute
N/A - not applicable

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 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)
7/1/2025	485,404	497,829,851	339	488,768	494,412,664
7/2/2025	488,587	498,318,438	344	495,127	494,907,791
7/3/2025	520,330	498,838,768	368	529,950	495,437,741
7/4/2025	547,431	499,386,199	392	564,824	496,002,565
7/5/2025	609,592	499,995,791	433	623,336	496,625,901
7/6/2025	636,560	500,632,351	431	621,164	497,247,065
7/7/2025	628,175	501,260,526	429	616,987	497,864,052
7/8/2025	663,852	501,924,378	448	644,582	498,508,634
7/9/2025	612,996	502,537,374	410	590,534	499,099,168
7/10/2025	625,841	503,163,215	424	610,908	499,710,076
7/11/2025	639,769	503,802,984	435	626,393	500,336,469
7/12/2025	647,452	504,450,436	438	630,142	500,966,611
7/13/2025	645,466	505,095,902	434	624,836	501,591,447
7/14/2025	625,296	505,721,198	423	609,680	502,201,127
7/15/2025	530,700	506,251,898	346	497,592	502,698,719
7/16/2025	528,486	506,780,384	341	491,567	503,190,286
7/17/2025	569,603	507,349,987	401	577,026	503,767,312
7/18/2025	533,762	507,883,749	367	529,135	504,296,447
7/19/2025	523,701	508,407,450	356	513,328	504,809,775
7/20/2025	518,333	508,925,783	353	507,814	505,317,589
7/21/2025	497,404	509,423,187	334	480,526	505,798,115
7/22/2025	489,450	509,912,637	334	480,599	506,278,714
7/23/2025	474,624	510,387,261	321	461,666	506,740,380
7/24/2025	492,694	510,879,955	335	483,119	507,223,499
7/25/2025	487,260	511,367,215	329	473,103	507,696,602
7/26/2025	510,040	511,877,255	347	499,675	508,196,277
7/27/2025	513,774	512,391,029	347	499,784	508,696,061
7/28/2025	522,398	512,913,427	357	514,347	509,210,408
7/29/2025	619,319	513,532,746	429	617,578	509,827,986
7/30/2025	553,070	514,085,816	387	556,905	510,384,891
7/31/2025	521,130	514,606,946	354	509,768	510,894,659
July Total	17,262,499		N/A		16,970,763

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 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)
8/1/2025	599,485	515,206,431	413	594,838	511,489,497
8/2/2025	628,898	515,835,329	431	620,668	512,110,165
8/3/2025	553,358	516,388,687	380	546,664	512,656,829
8/4/2025	492,331	516,881,018	334	481,418	513,138,247
8/5/2025	492,251	517,373,269	346	497,702	513,635,949
8/6/2025	528,997	517,902,266	356	512,639	514,148,588
8/7/2025	514,035	518,416,301	351	504,880	514,653,468
8/8/2025	558,384	518,974,685	384	552,838	515,206,306
8/9/2025	520,754	519,495,439	363	522,893	515,729,199
8/10/2025	507,959	520,003,398	350	503,864	516,233,063
8/11/2025	511,462	520,514,860	353	508,392	516,741,455
8/12/2025	605,457	521,120,317	413	595,414	517,336,869
8/13/2025	635,145	521,755,462	441	634,609	517,971,478
8/14/2025	632,516	522,387,978	431	619,948	518,591,426
8/15/2025	640,616	523,028,594	440	632,884	519,224,310
8/16/2025	629,460	523,658,054	434	625,133	519,849,443
8/17/2025	528,523	524,186,577	359	517,385	520,366,828
8/18/2025	524,218	524,710,795	348	501,327	520,868,155
8/19/2025	501,873	525,212,668	349	503,127	521,371,282
8/20/2025	530,731	525,743,399	357	513,445	521,884,727
8/21/2025	535,224	526,278,623	350	503,874	522,388,601
8/22/2025	510,524	526,789,147	352	507,022	522,895,623
8/23/2025	492,448	527,281,595	334	480,556	523,376,179
8/24/2025	469,311	527,750,906	324	467,089	523,843,268
8/25/2025	519,978	528,270,884	351	506,065	524,349,333
8/26/2025	545,253	528,816,137	379	546,187	524,895,520
8/27/2025	510,482	529,326,619	347	499,032	525,394,552
8/28/2025	507,581	529,834,200	340	489,556	525,884,108
8/29/2025	519,831	530,354,031	343	494,085	526,378,193
8/30/2025	507,790	530,861,821	357	513,762	526,891,955
8/31/2025	514,252	531,376,073	352	506,840	527,398,795
August Total		16,769,127	N/A		16,504,136

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #11 (Jul - Sep 2025)
 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)
9/1/2025	502,884	531,878,957	345	497,352	527,896,147
9/2/2025	499,539	532,378,496	347	500,210	528,396,357
9/3/2025	510,090	532,888,586	334	480,372	528,876,729
9/4/2025	511,222	533,399,808	340	490,295	529,367,024
9/5/2025	504,160	533,903,968	357	514,572	529,881,596
9/6/2025	478,839	534,382,807	329	474,337	530,355,933
9/7/2025	474,855	534,857,662	331	476,309	530,832,242
9/8/2025	482,877	535,340,539	329	473,804	531,306,046
9/9/2025	497,566	535,838,105	338	486,576	531,792,622
9/10/2025	539,676	536,377,781	368	529,858	532,322,480
9/11/2025	517,907	536,895,688	352	506,980	532,829,460
9/12/2025	519,977	537,415,665	353	508,110	533,337,570
9/13/2025	515,652	537,931,317	351	505,901	533,843,471
9/14/2025	516,290	538,447,607	344	496,018	534,339,489
9/15/2025	515,643	538,963,250	347	499,556	534,839,045
9/16/2025	476,552	539,439,802	316	454,879	535,293,924
9/17/2025	479,598	539,919,400	324	466,023	535,759,947
9/18/2025	488,072	540,407,472	338	486,441	536,246,388
9/19/2025	468,705	540,876,177	324	466,614	536,713,002
9/20/2025	493,571	541,369,748	337	485,555	537,198,557
9/21/2025	469,254	541,839,002	321	461,653	537,660,210
9/22/2025	476,766	542,315,768	324	466,986	538,127,196
9/23/2025	517,252	542,833,020	359	516,710	538,643,906
9/24/2025	514,710	543,347,730	356	512,006	539,155,912
9/25/2025	505,562	543,853,292	340	489,864	539,645,776
9/26/2025	517,245	544,370,537	351	505,997	540,151,773
9/27/2025	501,769	544,872,306	332	477,586	540,629,359
9/28/2025	504,509	545,376,815	344	495,490	541,124,849
9/29/2025	508,474	545,885,289	350	503,565	541,628,414
9/30/2025	510,272	546,395,561	350	503,961	542,132,375
September Total	15,019,488		N/A		14,733,580
Reporting Period Total	49,051,114		N/A		48,208,479

1 - The 004 groundwater treatment plant (GWTP) 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 2 pm. For simplicity, the volume totaled through 2 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.

gpm - gallons per minute

Table 5-2
004 Treatment Plant PFAS Analytical Results
Quarterly Report #11 (Jul-Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Table 3+ SOP (ng/L)	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent
	004-INF-0725 Sample Date: 1-Jul-25	004-EFF-0725 Sample Date: 1-Jul-25	004-INF-0725-2 Sample Date: 7-Jul-25	004-EFF-0725-2 Sample Date: 7-Jul-25	004-INF-0725-3 Sample Date: 14-Jul-25	004-EFF-0725-3 Sample Date: 14-Jul-25	004-INF-0725-4 Sample Date: 21-Jul-25	004-EFF-0725-4 Sample Date: 21-Jul-25	004-INF-0725-5 Sample Date: 28-Jul-25	004-EFF-0725-5 Sample Date: 28-Jul-25
HFPO Dimer Acid	13,000	<2	13,000	<2	14,000	<2	13,000	<2	14,000	<2
PFMOAA	65,000	<2 UJ	56,000	<2 UJ	53,000	<2 UJ	46,000 J	<2 UJ	55,000	<2 UJ
PFO2HxA	--	--	23,000	<2	--	--	--	--	--	--
PFO3OA	--	--	5,800	<2	--	--	--	--	--	--
PFO4DA	--	--	1,800	<2	--	--	--	--	--	--
PFO5DA	--	--	490	<2	--	--	--	--	--	--
PMPA	10,000	<10	9,800	<10	11,000	<10	7,500	<10	9,800	<10
PEPA	--	--	3,800	<10	--	--	--	--	--	--
PS Acid	--	--	900	<2	--	--	--	--	--	--
Hydro-PS Acid	--	--	540	<2	--	--	--	--	--	--
R-PSDA	--	--	1,400 J	<2 UJ	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	14,000 J	<2 UJ	--	--	--	--	--	--
R-PSDCA	--	--	<50	<2	--	--	--	--	--	--
NVHOS, Acid Form	--	--	950	<2	--	--	--	--	--	--
EVE Acid	--	--	250	<2	--	--	--	--	--	--
Hydro-EVE Acid	--	--	840	<2	--	--	--	--	--	--
R-EVE	--	--	670 J	<2 UJ	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2	--	--	--	--	--	--
PFECA B	--	--	<50	<2	--	--	--	--	--	--
PFECA-G	--	--	<50	<2	--	--	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	--	--	120,000	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).
- 4 - Influent and effluent concentrations are reported in ng/L.
- 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 #11 (Jul-Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Table 3+ SOP (ng/L)	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent
	004-INF-0825 Sample Date: 4-Aug-25	004-EFF-0825 Sample Date: 4-Aug-25	004-INF-0825-2 Sample Date: 11-Aug-25	004-EFF-0825-2 Sample Date: 11-Aug-25	004-INF-0825-3 Sample Date: 18-Aug-25	004-EFF-0825-3 Sample Date: 18-Aug-25	004-INF-0825-4 Sample Date: 25-Aug-25	004-EFF-0825-4 Sample Date: 25-Aug-25
HFPO Dimer Acid	14,000	<2	13,000	<2	14,000	<2	14,000	<2
PFMOAA	62,000	<2 UJ	64,000	3.6 J	52,000 J	6 J	56,000 J	11 J
PFO2HxA	--	--	25,000	<2	--	--	--	--
PFO3OA	--	--	7,500	<2	--	--	--	--
PFO4DA	--	--	1,700	<2	--	--	--	--
PFO5DA	--	--	420	<2	--	--	--	--
PMPA	10,000	<10	10,000	<10 UJ	9,500	<10 UJ	8,800	<10 UJ
PEPA	--	--	3,200	<10	--	--	--	--
PS Acid	--	--	740	<2	--	--	--	--
Hydro-PS Acid	--	--	480	<2	--	--	--	--
R-PSDA	--	--	1,200 J	<2 UJ	--	--	--	--
Hydrolyzed PSDA	--	--	14,000 J	<2 UJ	--	--	--	--
R-PSDCA	--	--	<50	<2	--	--	--	--
NVHOS, Acid Form	--	--	910	<2	--	--	--	--
EVE Acid	--	--	110	<2	--	--	--	--
Hydro-EVE Acid	--	--	740	<2	--	--	--	--
R-EVE	--	--	530 J	<2 UJ	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2	--	--	--	--
PFECA B	--	--	<50	<2	--	--	--	--
PFECA-G	--	--	<50	<2	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	--	--	130,000	3.6	--	--	--	--

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 - Total Table 3+ (17 Compounds) is not applicable for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
- 4 - Influent and effluent concentrations are reported in ng/L.
- 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 #11 (Jul-Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Table 3+ SOP (ng/L)	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent	004 Influent	004 Effluent
	004-INF-0925 Sample Date: 2-Sep-25	004-EFF-0925 Sample Date: 2-Sep-25	004-INF-0925-2 Sample Date: 8-Sep-25	004-EFF-0925-2 Sample Date: 8-Sep-25	004-INF-0925-3 Sample Date: 15-Sep-25	004-EFF-0925-3 Sample Date: 15-Sep-25	004-INF-0925-4 Sample Date: 22-Sep-25	004-EFF-0925-4 Sample Date: 22-Sep-25	004-INF-0925-5 Sample Date: 29-Sep-25	004-EFF-0925-5 Sample Date: 29-Sep-25
HFPO Dimer Acid	13,000	<2	13,000	<2	13,000	<2	13,000	<2	13,000	<2
PFMOAA	61,000	<2 UJ	58,000	<2 UJ	59,000	<2	61,000	<2	66,000	<2
PFO2HxA	--	--	25,000	<2	--	--	--	--	--	--
PFO3OA	--	--	7,400	<2	--	--	--	--	--	--
PFO4DA	--	--	2,100	<2	--	--	--	--	--	--
PFO5DA	--	--	380	<2	--	--	--	--	--	--
PMPA	9,100	<10 UJ	8,400	<10 UJ	9,700	<10	9,800	<10	9,800	<10
PEPA	--	--	2,600	<10	--	--	--	--	--	--
PS Acid	--	--	640	<2	--	--	--	--	--	--
Hydro-PS Acid	--	--	430	<2	--	--	--	--	--	--
R-PSDA	--	--	940 J	<2 UJ	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	12,000 J	<2 UJ	--	--	--	--	--	--
R-PSDCA	--	--	<50	<2	--	--	--	--	--	--
NVHOS, Acid Form	--	--	810	<2	--	--	--	--	--	--
EVE Acid	--	--	61	<2	--	--	--	--	--	--
Hydro-EVE Acid	--	--	690	<2	--	--	--	--	--	--
R-EVE	--	--	370 J	<2 UJ	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2	--	--	--	--	--	--
PFECA B	--	--	<50	<2	--	--	--	--	--	--
PFECA-G	--	--	<50	<2	--	--	--	--	--	--
Total Table 3+ (17 compounds)^{1,2,3}	--	--	120,000	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).
- 4 - Influent and effluent concentrations are reported in ng/L.
- 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 #11 (Jul-Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

<i>EPA METHOD 537 MODIFIED SOP COMPOUNDS ^{1,2}</i> <i>(ng/L)</i>	004 Influent 004-INF-0825-2 Sample Date: 11-Aug-25	004 Effluent 004-EFF-0825-2 Sample Date: 11-Aug-25
10:2 Fluorotelomer sulfonate	<84	<2
11Cl-PF3OUdS	<86	<2
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<63	<2
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<63	<2
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<110	<2
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<180	<4
6:2 Fluorotelomer sulfonate	<160	<5
9Cl-PF3ONS	<63	<2
DONA	<63	<2
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<160	<5
N-ethylperfluoro-1-octanesulfonamide	<110	<2
N-methyl perfluoro-1-octanesulfonamide	<63	<2
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<160	<5
Perfluorobutane Sulfonic Acid	<63	<2
Perfluorobutanoic Acid	210	<5
Perfluorodecane Sulfonic Acid	<63	<2
Perfluorodecanoic Acid	<63	<2
Perfluorododecane Sulfonic Acid (PFDoS)	<120	<2
Perfluorododecanoic Acid	<69	<2
Perfluoroheptane Sulfonic Acid (PFHpS)	<63	<2
Perfluoroheptanoic Acid	78	<2
Perfluorohexadecanoic Acid (PFHxDA)	<63	<2
Perfluorohexane Sulfonic Acid	<71	<2
Perfluorohexanoic Acid	<73	<2
Perfluorononanesulfonic Acid	<63	<2
Perfluorononanoic Acid	<63	<2
Perfluorooctadecanoic Acid	<120	<2
Perfluorooctane Sulfonamide	<120	<2
Perfluoropentane Sulfonic Acid (PFPeS)	<63	<2
Perfluoropentanoic Acid	590	<2
Perfluorotetradecanoic Acid	<91	<2
Perfluorotridecanoic Acid	<63	<2
Perfluoroundecanoic Acid	<63	<2
PFOA	<63	<2
PFOS	<63	<2

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.
- 3 - Influent and effluent concentrations are reported in ng/L.
- Bold** - Analyte detected above associated reporting limit.
- ng/L - nanograms per liter
- SOP - standard operating procedure
- < - Analyte not detected above associated reporting limit.

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Apr. 27 (0.00)	May 25 (0.01)	Jun. 21 (0.00)	Aug. 17 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Apr. 28 (0.00)	May 26 (0.12)	Jun. 22 (0.00)	Aug. 18 (0.00)		
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Apr. 29 (0.00)	May 27 (0.62)	Jun. 23 (0.00)	Aug. 19 (0.00)		
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)								
		Baseline			Monthly	Monthly	Monthly	Quarterly	August 20, 2025 vs. January 30, 2023	August 20, 2025 vs. June 24, 2025
		August 4, 2022	August 17, 2022	January 30, 2023	April 30, 2025	May 28, 2025	June 24, 2025	August 20, 2025		
Willis Creek Observation Wells (Northern Alignment): 18 Wells										
OW-11	Black Creek Aquifer	49.63	49.57	49.02	45.57	45.52	45.42	45.63	3.39	0.21
OW-12	Black Creek Aquifer	34.08	34.08	34.81	28.40	28.50	28.49	30.47	4.34	1.98
OW-13	Black Creek Aquifer	34.10	34.05	34.42	30.68	30.97	31.02	32.40	2.02	1.38
OW-14	Black Creek Aquifer	33.62	33.47	34.67	32.85	32.97	33.22	34.22	0.45	1.00
OW-41	Black Creek Aquifer	49.13	49.12	48.33	45.54	45.48	45.36	45.61	2.72	0.25
OW-42	Black Creek Aquifer	47.89	47.86	47.42	44.77	44.76	44.66	44.92	2.50	0.26
OW-43	Black Creek Aquifer	34.49	34.42	34.62	31.44	31.60	31.69	32.84	1.78	1.15
OW-54	Black Creek Aquifer	Well Installed January 24, 2023		35.87	32.85	32.50	32.52	32.80	3.07	0.28
OW-55	Black Creek Aquifer	Well Installed January 18, 2023		34.77	27.45	27.65	27.64	29.30	5.47	1.66
OW-56	Black Creek Aquifer	Well Installed January 24, 2023		36.92	36.12	36.44	35.88	36.89	0.03	1.01
OW-57	Black Creek Aquifer	Well Installed January 17, 2023		45.75	43.87	43.89	43.73	43.94	1.81	0.21
PIW-1D	Black Creek Aquifer	32.59	32.47	33.95	31.51	31.81	32.25	33.41	0.54	1.16
PIW-11	Black Creek Aquifer	43.28	43.24	43.89	43.55	43.54	43.50	43.60	0.29	0.10
PIW-12	Black Creek Aquifer	33.74	33.69	34.39	25.86	26.14	26.13	27.88	6.51	1.75
PIW-13	Black Creek Aquifer	33.66	33.60	34.20	25.98	26.13	26.43	28.78	5.42	2.35
PIW-14	Black Creek Aquifer	34.05	34.00	34.44	29.05	29.11	29.22	30.98	3.46	1.76
PIW-15	Black Creek Aquifer	32.74	32.65	33.54	31.15	31.15	31.38	32.55	0.99	1.17
SMW-12	Black Creek Aquifer	33.03	33.03	33.52	28.10	28.12	28.23	29.92	3.60	1.69
Median (Black Creek Aquifer wells)		34.07	34.03	34.72	31.48	31.71	31.97	32.82	2.61	1.16
Observation Wells ≤200 ft Upgradient of Barrier Wall: 19 Wells										
OW-02	Black Creek Aquifer	48.82	48.72	48.79	34.70	34.77	34.82	35.04	13.75	0.22
OW-03	Black Creek Aquifer	49.52	49.44	49.60	35.14	35.24	35.27	35.52	14.08	0.25
OW-07	Black Creek Aquifer	44.87	44.75	45.36	33.94	34.00	34.15	34.55	10.81	0.40
OW-08	Black Creek Aquifer	44.12	43.98	44.60	33.15	33.20	33.40	33.79	10.81	0.39
OW-15	Black Creek Aquifer	Well Installed September 22, 2022		56.91	58.06	58.09	58.06	57.93	-1.02	0.13
OW-17	Black Creek Aquifer	44.87	44.82	43.53	33.67	33.87	33.82	33.92	9.61	0.10
OW-18	Black Creek Aquifer	47.17	47.37	48.61	46.75	46.68	46.44	46.60	2.01	0.16
OW-19	Black Creek Aquifer	46.36	46.23	46.68	32.93	33.06	33.21	33.60	13.08	0.39
OW-21	Black Creek Aquifer	45.13	45.00	45.51	34.19	34.30	34.48	34.87	10.64	0.39
OW-24	Black Creek Aquifer	43.17	43.15	43.73	32.62	32.70	32.82	33.29	10.44	0.47
OW-26	Black Creek Aquifer	55.22	55.16	54.84	41.13	41.25	41.05	40.84	14.00	0.21
OW-29	Black Creek Aquifer	59.58	59.54	59.14	44.57	44.87	44.57	44.55	14.59	0.02
OW-31	Black Creek Aquifer	60.44	60.41	60.07	40.40	40.30	40.29	40.21	19.86	0.08
OW-34	Surficial Aquifer	62.98	62.81	62.03	67.58	67.64	67.66	67.61	-5.58	0.05
OW-35	Surficial Aquifer	66.33	66.10	65.67	69.35	69.30	69.25	68.93	-3.26	0.32
OW-36	Surficial Aquifer	62.72	62.61	62.07	63.34	63.31	63.41	63.91	-1.84	0.50
OW-37	Surficial Aquifer	Well Installed June 21, 2023		56.53	56.47	56.67	56.57	N/A	0.10	
OW-38	Black Creek Aquifer	Well Installed September 22, 2022		61.93	64.02	63.95	64.60	63.95	-2.02	0.65
OW-51	Black Creek Aquifer	Well Installed June 20, 2023		32.51	32.55	32.72	33.12	N/A	0.40	
Median (Black Creek Aquifer wells)		46.77	46.80	48.70	34.70	34.77	34.82	35.04	10.81	0.25
Median (Surficial Aquifer wells)		62.98	62.81	62.07	65.46	65.48	65.54	65.76	-3.26	0.21

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Apr. 27 (0.00)	May 25 (0.01)	Jun. 21 (0.00)	Aug. 17 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Apr. 28 (0.00)	May 26 (0.12)	Jun. 22 (0.00)	Aug. 18 (0.00)		
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Apr. 29 (0.00)	May 27 (0.62)	Jun. 23 (0.00)	Aug. 19 (0.00)		
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)								
		Baseline			Monthly	Monthly	Monthly	Quarterly	August 20, 2025 vs. January 30, 2023	August 20, 2025 vs. June 24, 2025
		August 4, 2022	August 17, 2022	January 30, 2023	April 30, 2025	May 28, 2025	June 24, 2025	August 20, 2025		
Observation Wells ≤200 ft Downgradient of Barrier Wall: 21 Wells										
OW-04/04R	Black Creek Aquifer	59.45	59.42	Abandoned; Replaced Jul 31, 2023	40.43	40.45	40.58	41.03	N/A	0.45
OW-09/09R	Black Creek Aquifer	59.61	59.57	Abandoned; Replaced Aug 1, 2023	40.46	40.48	40.63	41.03	N/A	0.40
OW-20	Black Creek Aquifer	46.34	46.24	46.53	39.37	39.29	39.34	39.59	6.94	0.25
OW-22	Black Creek Aquifer	43.95	43.89	44.50	39.43	39.31	39.43	39.71	4.79	0.28
OW-23	Black Creek Aquifer	43.27	43.18	43.86	39.03	38.93	39.08	39.32	4.54	0.24
OW-25	Black Creek Aquifer	41.95	41.90	42.52	38.56	38.49	38.51	38.92	3.60	0.41
OW-32	Black Creek Aquifer	Well Installed August 2, 2023			38.90	38.85	38.80	38.74	N/A	0.06
OW-39	Black Creek Aquifer	Well Installed August 1, 2023			40.47	40.55	40.69	41.07	N/A	0.38
OW-44	Black Creek Aquifer	36.51	36.31	36.28	35.79	35.67	35.68	36.63	-0.35	0.95
OW-45	Black Creek Aquifer	44.39	44.20	44.78	39.82	39.80	39.85	39.70	5.08	0.15
OW-46	Black Creek Aquifer	46.28	46.20	46.59	39.35	39.27	39.35	39.58	7.01	0.23
OW-47	Black Creek Aquifer	43.84	43.72	44.33	39.20	39.07	39.17	39.47	4.86	0.30
OW-48	Black Creek Aquifer	43.11	43.06	43.69	38.84	38.79	38.91	39.23	4.46	0.32
OW-49	Black Creek Aquifer	42.13	42.06	42.67	38.56	38.49	38.57	38.89	3.78	0.32
OW-50	Black Creek Aquifer	41.42	41.35	42.01	39.51	39.41	39.51	39.78	2.23	0.27
OW-52	Black Creek Aquifer	Well Installed August 2, 2023			38.91	38.81	38.86	39.16	N/A	0.30
OW-53	Black Creek Aquifer	Well Installed October 11, 2023			39.34	39.21	39.31	39.56	N/A	0.25
PIW-4D	Black Creek Aquifer	43.59	43.45	43.90	39.60	39.60	39.65	39.45	4.45	0.20
PIW-5S/5SR	Surficial Aquifer	59.70	59.52	58.82	Dry	Dry	Dry	Dry	N/A	N/A
PW-10R/10RR	Black Creek Aquifer	47.78	47.62	47.99	39.57	39.52	39.57	39.62	8.37	0.05
PIW-10DR	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			40.57	40.54	40.62	40.99	N/A	0.37
Median (Black Creek Aquifer wells)		43.84	43.72	43.90	39.36	39.28	39.35	39.57	4.54	0.29
Observation Wells >200 ft Downgradient of Barrier Wall: 14 Wells										
LTW-02	Black Creek Aquifer	42.97	42.80	43.50	39.59	39.59	39.63	39.40	4.10	0.23
LTW-03	Floodplain	38.05	37.93	39.27	37.68	37.45	37.62	37.77	1.50	0.15
LTW-05	Black Creek Aquifer	41.24	41.20	41.93	38.14	38.09	38.19	38.54	3.39	0.35
OW-16	Black Creek Aquifer	35.39	35.24	36.69	35.29	35.09	35.14	36.09	0.60	0.95
OW-27	Black Creek Aquifer	41.16	41.12	41.70	39.40	39.30	39.40	39.65	2.05	0.25
OW-28	Black Creek Aquifer	40.04	40.01	40.63	39.17	39.14	39.16	39.47	1.16	0.31
OW-30	Black Creek Aquifer	40.38	40.33	40.98	39.12	39.12	39.24	39.56	1.42	0.32
OW-33	Black Creek Aquifer	40.42	40.39	41.07	39.47	39.39	39.56	39.89	1.18	0.33
OW-40	Black Creek Aquifer	40.58	40.53	40.66	40.23	40.28	40.40	40.80	-0.14	0.40
PIW-3D	Black Creek Aquifer	35.39	35.26	36.61	35.32	35.17	35.20	36.07	0.54	0.87
PIW-7S	Floodplain	42.28	42.16	43.03	38.40	38.37	38.47	38.76	4.27	0.29
PIW-7D	Black Creek Aquifer	43.18	43.10	43.78	39.13	39.03	39.13	39.43	4.35	0.30
PW-11	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			40.70	40.76	40.71	41.26	N/A	0.55
PZ-22	Black Creek Aquifer	43.24	43.15	43.81	39.15	39.05	39.15	39.50	4.31	0.35
Median (Black Creek Aquifer wells)		40.58	40.53	41.07	39.16	39.13	39.20	39.49	1.42	0.34

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		Aug 1 (0.00)	Aug 14 (0.41)	Jan 27 (0.00)	Apr. 27 (0.00)	May 25 (0.01)	Jun. 21 (0.00)	Aug. 17 (0.00)	Most Recent Calculated Head Differential (feet, positive value indicates drawdown)	Change in Magnitude of Head Differential
		Aug 2 (0.00)	Aug 15 (0.09)	Jan 28 (0.00)	Apr. 28 (0.00)	May 26 (0.12)	Jun. 22 (0.00)	Aug. 18 (0.00)		
		Aug 3 (0.00)	Aug 16 (0.00)	Jan 29 (0.08)	Apr. 29 (0.00)	May 27 (0.62)	Jun. 23 (0.00)	Aug. 19 (0.00)		
Well ID	Aquifer	Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)								
		Baseline			Monthly	Monthly	Monthly	Quarterly	August 20, 2025 vs. January 30, 2023	August 20, 2025 vs. June 24, 2025
		August 4, 2022	August 17, 2022	January 30, 2023	April 30, 2025	May 28, 2025	June 24, 2025	August 20, 2025		
Observation Wells >200 ft Upgradient of Barrier Wall/Willis Creek Alignments: 12 Wells										
BCA-01	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			80.25	80.25	80.13	80.40	N/A	0.27
BCA-02	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			70.07	69.97	69.96	70.29	N/A	0.33
NAF-11B	Surficial Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			Dry	Dry	Dry	Dry	N/A	N/A
OW-59	Black Creek Aquifer	Well Installed November 5, 2024			49.39	49.32	49.19	49.40	N/A	0.21
PIW-2D	Black Creek Aquifer	58.08	57.94	57.64	57.09	57.14	57.19	57.19	0.45	0.00
PW-02	Surficial Aquifer	87.27	87.00	85.32	83.62	83.68	83.66	83.68	1.64	0.02
PW-03	Surficial Aquifer	104.95	104.87	104.39	105.02	104.97	104.97	104.85	-0.46	0.12
PW-04	Surficial Aquifer	68.40	68.33	67.49	69.30	69.33	69.45	68.95	-1.46	0.50
PW-14	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			81.67	81.77	81.84	81.97	N/A	0.13
PW-15R	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			69.66	70.34	70.27	70.44	N/A	0.17
SMW-03B	Black Creek Aquifer	89.92	89.71	87.73	86.51	86.48	86.33	86.33	1.40	0.00
SMW-09	Surficial Aquifer	82.14	82.03	80.43	80.58	80.63	80.38	80.17	0.26	0.21
Median (Surficial Aquifer wells)		84.71	84.52	82.88	82.10	82.16	82.02	81.93	-0.10	0.16
Median (Black Creek Aquifer wells)		74.00	73.83	72.69	70.07	70.34	70.27	70.44	0.92	0.19

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.

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

N/A - Not applicable

NAVD88 - North American Vertical Datum of 1988

Table 6-2
Summary of Willis Creek Water Elevation
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Willis Creek Stilling Well ID			WC-SW-1	WC-SW-2	WC-SW-3	WC-SW-4	WC-SW-5	
Northing (ft, NAD83)			400,860.53	401,024.41	401,646.78	402,016.63	401,962.63	
Easting (ft, NAD83)			2,051,468.69	2,051,350.45	2,051,305.12	2,050,643.45	2,050,222.86	
Top of Casing Elevation (ft, NAVD88)			32.25	33.27	34.98	34.25	38.56	
Antecedent Daily Total Rainfall (inches):			Surface Water Elevation from Monthly Water Level Gauging Events (ft, NAVD88)					
Oct. 27 (0.00)	Oct 28. (0.00)	Oct. 29 (0.00)	October 30, 2023	31.77	37.16	34.19	33.35	37.86
Nov. 25 (0.00)	Nov. 26 (0.06)	Nov. 27 (0.03)	November 28, 2023	30.93	35.28	33.38	31.60	36.06
Dec. 17 (3.34)	Dec. 18 (0.04)	Dec. 19 (0.00)	December 20, 2023	flooded	flooded	flooded	flooded	flooded
Jan. 28 (0.02)	Jan. 29 (0.00)	Jan. 30 (0.00)	January 31, 2024	flooded	flooded	flooded	31.82	35.99
Feb. 24 (0.01)	Feb. 25 (0.00)	Feb. 26 (0.01)	February 27, 2024	30.83	dry	33.28	32.30	36.74
Mar. 24 (0.00)	Mar. 25 (0.00)	Mar. 26 (0.00)	March 27, 2024	30.90	dry	33.35	32.43	36.86
Apr. 26 (0.00)	Apr.27 (0.00)	Apr. 28 (0.00)	April 29, 2024	30.90	dry	33.25	31.78	36.24
May 20 (0.00)	May 21 (0.00)	May 22 (0.00)	May 23, 2024	31.01	dry	33.31	31.85	36.39
Jun. 23 (0.00)	Jun.24 (0.00)	Jun. 25 (0.00)	June 26, 2024	30.53	dry	32.98	31.35	35.74
Jul. 28 (0.00)	Jul. 29 (0.40)	Jul. 30 (0.00)	July 31, 2024	flooded	flooded	flooded	flooded	flooded
Aug. 26 (0.00)	Aug. 27 (0.00)	Aug. 28 (0.00)	August 29, 2024	flooded	flooded	33.68	32.75	37.17
Sept. 21 (0.00)	Sept. 22 (0.00)	Sept. 23 (0.00)	September 24, 2024	flooded	flooded	33.68	32.70	37.22
Oct. 28 (0.00)	Oct. 29 (0.00)	Oct. 30 (0.00)	October 31, 2024	30.85	dry	33.46	32.03	36.49
Nov. 23 (0.00)	Nov. 24 (0.00)	Nov. 25 (0.00)	November 26, 2024	30.93	31.97	33.56	32.15	36.31
Dec. 15 (0.00)	Dec. 16 (0.00)	Dec. 17 (0.00)	December 18, 2024	31.40	32.12	33.47	32.10	36.28
Jan. 26 (0.00)	Jan. 27 (0.61)	Jan. 28 (0.00)	January 29, 2025	30.92	32.00	33.49	32.10	36.38
Feb. 15 (0.29)	Feb. 16 (0.87)	Feb. 17 (0.00)	February 18, 2025	flooded	flooded	flooded	32.25	36.60
Mar. 23 (0.00)	Mar. 24 (0.01)	Mar. 25 (0.00)	March 26, 2025	30.97	31.64	33.62	32.11	36.36
Apr. 27 (0.00)	Apr. 28 (0.00)	Apr. 29 (0.00)	April 30, 2025	30.57	31.65	33.16	31.94	36.22
May 25 (0.01)	May 26 (0.12)	May 27 (0.62)	May 28, 2025	31.45	32.53	33.66	32.45	36.85
Jun. 21 (0.00)	Jun. 22 (0.00)	Jun. 23 (0.00)	June 24, 2025	30.55	31.59	33.00	31.90	36.33
Aug. 17 (0.00)	Aug. 18 (0.00)	Aug. 19 (0.00)	August 20, 2025	30.68	31.75	33.15	32.15	36.56

Notes:

- 1 - Stilling wells were installed in Wills Creek in October 2023. The location of WC-SW-2 was modified in November 2024.
 - 2 - Water level logging transducers are installed inside stilling wells WC-SW-1, WC-SW-3, and WC-SW-4.
 - 3 - Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
- ft - foot N/A - Not applicable NAVD88 - North American Vertical Datum of 1988
 NAD83 - North American Datum of 1983

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)											Mass Loading Assessment 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	CAP2Q24-LTW-01-041524	CAP3Q24-LTW-01-072624	CAP4Q24-LTW-01-101024	CAP1Q25-LTW-01-012825	CAP2Q25-LTW-01-041625	CAP3Q25-LTW-01-072425	CAP1Q23-LTW-02-021623	CAP2Q23-LTW-02-051723	CAP3Q23-LTW-02-071223	CAP4Q23-LTW-02-110323	CAP1Q24-LTW-02-011724	CAP2Q24-LTW-02-041524	CAP3Q24-LTW-02-071824	CAP4Q24-LTW-02-100824	CAP1Q25-LTW-02-012125	CAP2Q25-LTW-02-041025	CAP3Q25-LTW-02-071525
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	16-Feb-23	17-May-23	13-Jul-23	3-Nov-23	17-Jan-24	15-Apr-24	26-Jul-24	10-Oct-24	28-Jan-25	16-Apr-25	24-Jul-25	16-Feb-23	17-May-23	12-Jul-23	3-Nov-23	17-Jan-24	15-Apr-24	18-Jul-24	8-Oct-24	21-Jan-25	10-Apr-25	15-Jul-25
HFPO Dimer Acid	18,000	18,000	8,500	15,000	15,000	17,000	16,000	7,800	14,000	9,200	15,000	2,800	7,000	6,800 J	9,800	12,000	16,000	14,000	16,000	15,000	19,000	18,000
PFMOAA	23,000	21,000	27,000	24,000	12,000	14,000	20,000	7,500	19,000	9,300	15,000	9,300	17,000	31,000	27,000	32,000	24,000	31,000	36,000	32,000	37,000	28,000
PFO2HxA	23,000	21,000	28,000	25,000	17,000	19,000	20,000	13,000	16,000	14,000	14,000	4,800	10,000	22,000	21,000	28,000	21,000	22,000	26,000	26,000	28,000	26,000
PFO3OA	5,700	5,300	6,400	5,700	3,300	4,200	5,500	2,000	4,400	3,100	3,400	1,100	1,900	3,700	4,100	5,200	4,900	5,300	6,500	6,000	5,900	7,100
PFO4DA	1,300	1,500	1,600	1,300	950	1,200	960	1,100	1,100	1,000	1,300	86	120	180	160	200	260	270	410	370	470	470
PFO5DA	170	170	200	210	140	160	<130	210	<130	130	180	<78	<78	<2.0	<100	<130	<130	<130	<130	<130	<130	<130
PMPA	16,000	16,000	19,000	18,000	15,000	14,000 J	13,000	7,400	12,000	8,700	11,000	1,800	5,700	11,000	11,000	14,000	13,000 J	13,000	15,000	12,000	16,000	18,000
PEPA	5,900	5,700	7,200	6,200	6,800	4,900	5,100	3,100	4,300	3,200	4,000	580	1,800	3,600	3,500	5,100	3,700	3,700	4,400	3,800	5,000	4,600
PS Acid	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63	<63	<63	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63	<63	<63
Hydro-PS Acid	310	300	280	280	200	250	150	390	250	210	420	<6.1	390	15	17	<44	<55	<55	<55	<63	<63	<63
R-PSDA	960 J	<71	940 J	790 J	830 J	730 J	950 J	490 J	1,100 J	570 J	1,000 J	<71	<71	620 J	520 J	780 J	650 J	860 J	1,300 J	1,200 J	1,100 J	1,000 J
Hydrolyzed PSDA	560 J	690 J	760 J	590 J	83 J	530 J	570 J	90 J	760 J	250 J	320 J	270 J	<38	1,300 J	1,500 J	1,800 J	2,100 J	1,700 J	2,900 J	2,800 J	2,500 J	2,300 J
R-PSDCA	<17	<17	6.9	<140	<180	<180	<180	<94	<94	<180	<17	<17	<3.0	<140	<180	<180	<180	<180	<94	<94	<94	<94
NVHOS, Acid Form	390	440	320	430	270	330	350	<160	340	190	320	160	300	320	410	450	510	460	640	570	650	520
EVE Acid	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210
Hydro-EVE Acid	160	140	150	140	51	110	100	72	130	94	120	<14	38	39	42	<30	75	74	110	100	110	130
R-EVE	550 J	580 J	560 J	530 J	310 J	760 J	560 J	170 J	520 J	270 J	530 J	<72	<72	260 J	410 J	440 J	900 J	650 J	880 J	680 J	710 J	540 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63	<63	<63	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	22,000	24,000	15,000	16,000	20,000	7,900	19,000	9,400	13,000	--	--	16,000	21,000	23,000	20,000	21,000	22,000	24,000	22,000	23,000
Total Table 3+ (17 compounds)^{2,3}	93,900	89,600	98,700	96,300	70,700	75,200	81,200	42,600	71,500	49,100	64,700	20,600	43,900	78,700	77,000	97,000	83,400	89,800	105,000	95,800	112,000	103,000
Total Table 3+ (18 compounds)^{2,4}	--	--	121,000	120,000	85,700	91,200	101,000	50,500	90,500	58,500	77,700	--	--	94,700	98,000	120,000	103,000	111,000	127,000	120,000	134,000	126,000
Total Table 3+ (21 compounds)^{2,5}	--	--	123,000	122,000	86,900	93,200	103,000	51,200	92,900	59,600	79,600	--	--	96,800	100,000	123,000	107,000	114,000	132,000	125,000	138,000	130,000

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)											Mass Loading Assessment 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	CAP2Q24-LTW-03-041524	CAP3Q24-LTW-03-072924	CAP4Q24-LTW-03-101024	CAP1Q25-LTW-03-012925	CAP2Q25-LTW-03-041625	CAP3Q25-LTW-03-072425	CAP1Q23-LTW-04-021723	CAP2Q23-LTW-04-052323	CAP3Q23-LTW-04-071123	CAP4Q23-LTW-04-110223	CAP1Q24-LTW-04-011624	CAP2Q24-LTW-04-041024	CAP3Q24-LTW-04-072424	CAP4Q24-LTW-04-100924	CAP1Q25-LTW-04-012825	CAP2Q25-LTW-04-041625	CAP3Q25-LTW-04-072525
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	21-Feb-23	23-May-23	12-Jul-23	13-Nov-23	31-Jan-24	15-Apr-24	29-Jul-24	10-Oct-24	29-Jan-25	16-Apr-25	24-Jul-25	17-Feb-23	23-May-23	11-Jul-23	2-Nov-23	16-Jan-24	10-Apr-24	24-Jul-24	9-Oct-24	28-Jan-25	16-Apr-25	25-Jul-25
HFPO Dimer Acid	11,000	10,000	8,600	5,800 J	7,800	11,000	9,800	7,600	7,700	6,800	9,400	18,000	19,000	9,800 J	17,000	17,000	21,000	20,000	14,000	21,000	11,000	17,000
PFMOAA	120,000	120,000	140,000 J	110,000 J	86,000	110,000	120,000	89,000	75,000 J	100,000	120,000	55,000	55,000	57,000 J	61,000	55,000	40,000	57,000	44,000	60,000 J	23,000	51,000 J
PFO2HxA	34,000	41,000	49,000 J	24,000 J	28,000	26,000	37,000	34,000	24,000	28,000	30,000	23,000	28,000	29,000	26,000	26,000	24,000	24,000	25,000	27,000	15,000	21,000
PFO3OA	5,800	6,700	7,600	5,900	3,800	6,100	6,000	5,100	4,100	5,000	5,200	4,400	5,200	5,200	5,300	5,100	4,100	5,500	3,400	4,300	2,700	3,800
PFO4DA	200	220	230	240	150	160	230	160	150	170	200	630	620	780	650	560	640	650	360	580	390	430
PFO5DA	<78	<78	<2.0	<2.0	<130	<130	<130	<130	<130	<130	<130	<78	<78	26	<100	<130	<130	<130	<130	<130	<130	<130
PMPA	14,000	15,000	16,000	18,000	11,000	13,000 J	16,000	12,000	11,000	11,000	14,000	17,000	16,000	20,000	17,000	16,000	18,000	18,000	12,000	15,000	8,400	12,000
PEPA	3,400	3,500	3,600	3,700	2,200	2,800	3,400	2,800	2,400	2,600	3,000	6,400	6,000	6,900	6,100	5,500	5,500	6,600	4,300	5,000	3,400	3,900
PS Acid	<20	<20	<2.0	<2.0	<50 UJ	<50 UJ	<50	<50	<63	<63	<63	<20	<20	5	<40	<50	<50	<50	<63	<63	<63	<63
Hydro-PS Acid	<6.1	28	26	26	<55	<55	<55	63	<63	<63	<63	170	210	190	180	150	180	160	120	190	140	150
R-PSDA	1,000 J	950 J	900 J	870 J	770 J	760 J	1,000 J	630 J	1,000 J	720 J	1,100 J	2,000 J	1,700 J	1,700 J	1,700 J	1,400 J	2,300 J	2,000 J	1,200 J	2,800 J	920 J	1,600 J
Hydrolyzed PSDA	7,100 J	5,800 J	5,900 J	6,500 J	5,300 J	7,700 J	8,200 J	5,400 J	8,000 J	5,400 J	8,500 J	4,200 J	2,300 J	3,000 J	3,800 J	2,800 J	3,000 J	4,000 J	1,800 J	3,600 J	740 J	2,000 J
R-PSDCA	<17	<17	<3.0	<3.0	<180	<180	<180	<180	<94	<94	<94	<17	<17	12	<140	<180	<180	<180	<180	<94	<94	<94
NVHOS, Acid Form	1,300	1,300	1,900	1,400	1,100	1,200	1,400	990	1,100	950	1,100	1,300	1,200	1,400	1,100	1,200	1,000	1,300	890	1,400	550	950
EVE Acid	<17	<17	<2.0	<2.0	<50 UJ	<50 UJ	<50	<50	<210	<210	<210	<17	<17	<2.0	<40	<50	<50	<50	<210	<210	<210	<210
Hydro-EVE Acid	71	64	63	56	42	52	64	53	<63	<63	<63	500	390	540	470	370	390	410	260	450	150	270
R-EVE	520 J	430 J	150 J	180 J	320 J	730 J	500 J	260 J	400 J	300 J	490 J	2,000 J	1,500 J	1,300 J	1,700 J	1,100 J	1,900 J	1,900 J	950 J	2,300 J	750 J	1,600 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	6.1	6	<36	<36	<36	<36	<63	<63	<63	<6.7	<6.7	8.2	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	<27	<2.0	<2.0	<78	<78	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<2.0	<2.0	<36	<36	<36	<36	<63	<63	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	62,000 J	61,000 J	47,000	52,000	41,000	36,000	49,000	34,000	43,000	--	--	53,000	48,000	43,000 J	39,000	47,000	35,000	61,000 J	20,000	38,000
Total Table 3+ (17 compounds)^{2,3}	190,000	198,000	227,000	169,000	140,000	170,000	194,000	152,000	125,000	158,000	183,000	126,000	132,000	131,000	135,000	127,000	113,000	134,000	104,000	135,000	64,700	111,000
Total Table 3+ (18 compounds)^{2,4}	--	--	289,000	230,000	187,000	222,000	235,000	188,000	174,000	192,000	226,000	--	--	184,000	183,000	170,000	152,000	181,000	139,000	196,000	84,700	149,000
Total Table 3+ (21 compounds)^{2,5}	--	--	296,000	238,000	193,000	232,000	245,000	194,000	184,000	198,000	236,000	--	--	190,000	190,000	175,000	159,000	189,000	143,000	205,000	87,100	154,000

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-LTW-05-041024	CAP3Q24-LTW-05-072524	CAP4Q24-LTW-05-100924	CAP1Q25-LTW-05-012725	CAP2Q25-LTW-05-041625	CAP3Q25-LTW-05-072825	CAP1Q23-OW-28-022023	CAP2Q23-OW-28-052523	CAP3Q23-OW-28-071123	CAP4Q23-OW-28-110223	CAP1Q24-OW-28-011824	CAP2Q24-OW-28-041624	CAP3Q24-OW-28-071824	CAP4Q24-OW-28-100824	CAP1Q25-OW-28-010925	CAP2Q25-OW-28-040325	CAP3Q25-OW-28-071725
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	10-Apr-24	25-Jul-24	9-Oct-24	27-Jan-25	16-Apr-25	28-Jul-25	20-Feb-23	25-May-23	11-Jul-23	2-Nov-23	18-Jan-24	16-Apr-24	18-Jul-24	8-Oct-24	9-Jan-25	3-Apr-25	17-Jul-25	
HFPO Dimer Acid	18,000	19,000 J	9,000	18,000	31,000	26,000	28,000	12,000	31,000	24,000	23,000	4,800	4,800	4,400	4,400	3,800	4,500	3,600	4,000	3,400	4,000	3,600
PFMOAA	120,000	130,000 J	120,000 J	170,000	200,000	140,000	170,000	73,000 J	110,000 J	150,000	130,000 J	1,500	1,900	1,600	1,600	1,600	1,100	1,500	1,600	1,400	1,700	1,700
PFO2HxA	36,000	48,000 J	41,000 J	58,000	68,000	57,000	63,000	27,000 J	55,000 J	71,000	44,000	2,500	3,500	3,400	3,100	3,300	2,400	2,200	2,500	2,800	2,800	2,500
PFO3OA	8,300	11,000 J	9,500	14,000	21,000	14,000	20,000	6,600 J	15,000	14,000	10,000	510	670	550	680	620	510	360	480	540	450	620
PFO4DA	2,100	2,100 J	2,000	1,900	2,300	1,900	1,800	1,000	1,700	1,700	2,100	110	83	94	120	85	76	89	110	99	87	160
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<130	<130	<130	<130	<130	<130	<78	<78	<2.0	<100	<130	<130	<130	<130	<130	<130	<130
PMPA	4,000	4,600 J	4,200	5,500	9,200	5,600	6,400	2,900	6,800	6,200	4,900	5,000	6,400	5,200	6,000	5,700	4,600 J	4,600	4,400	4,900	4,800	3,900
PEPA	620	530 J	440	510	1,800	540	740	410 J	960	880	770	1,900	2,500	1,800	2,200	2,800	1,700	1,400	1,600	1,900	1,700	1,500
PS Acid	<20	<20 UJ	<2.0	<40	<50	<50	<50	<50	<63	<63	<63	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63	<63	<63
Hydro-PS Acid	190	190 J	200	200	330	170	190	130	220	170	210	75	74	75	75	84	70	68	79	71	73	110
R-PSDA	490 J	670 J	500 J	950 J	1,300 J	1,200 J	1,300 J	690 J	2,100 J	970 J	880 J	340 J	310 J	250 J	230 J	280 J	210 J	230 J	360 J	270 J	<63	360 J
Hydrolyzed PSDA	880 J	1,100 J	950 J	1,900 J	2,600 J	1,700 J	2,300 J	1,200 J	3,500 J	1,700 J	1,800 J	<38	<38	2.2 J	<27 UJ	<34	<34	<34	<34	<160	<160	<160
R-PSDCA	19	<17 UJ	17	<140	<180	<180	<180	<180	<94	<94	<94	<17	<17	<3.0	<140	<180	<180	<180	<94	<94	<94	<94
NVHOS, Acid Form	1,100	1,300 J	1,000	1,500	2,100	1,400	1,900	880 J	2,100	1,500	1,300	110	<15	31	<130	<160	<160	<160	<160	<94	<94	<94
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<50	<50	<50	<210	<210	<210	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210
Hydro-EVE Acid	750	720 J	720	770	1,300	650	740	490 J	890	670	690	<14	<14	14	<24	<30	<30	<30	<30	<63	<63	<63
R-EVE	610 J	760 J	610 J	1,200 J	1,500 J	1,500 J	1,600 J	800 J	2,000 J	1,200 J	1,100 J	190 J	180 J	380 J	140 J	120 J	230 J	130 J	160 J	160 J	<63	180 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7 UJ	11	<29	<36	<36	<36	<36	<63	<63	<63	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63	<63	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	83,000 J	120,000	120,000	100,000	85,000	44,000 J	110,000 J	87,000	70,000 J	--	--	5,200	5,500	6,500	4,000	4,000	4,100	4,200	3,900	3,400
Total Table 3+ (17 compounds)^{2,3}	191,000	217,000	188,000	270,000	337,000	247,000	293,000	124,000	224,000	270,000	217,000	16,500	19,900	17,200	18,200	18,000	15,000	13,800	14,800	15,100	15,600	14,100
Total Table 3+ (18 compounds)^{3,4}	--	--	271,000	390,000	457,000	347,000	378,000	168,000	334,000	357,000	287,000	--	--	22,400	23,700	24,500	19,000	17,800	18,900	19,300	19,500	17,500
Total Table 3+ (21 compounds)^{2,5}	--	--	273,000	394,000	462,000	352,000	383,000	171,000	341,000	361,000	291,000	--	--	23,000	24,000	24,900	19,400	18,200	19,400	19,700	19,500	18,000

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-OW-33-041624	CAP3Q24-OW-33-071624	CAP4Q24-OW-33-100824	CAP1Q25-OW-33-010925	CAP2Q25-OW-33-041525	CAP3Q25-OW-33-071725	CAP1Q23-PIW-1D-021623	CAP2Q23-PIW-1D-052323	CAP3Q23-PIW-1D-080223	CAP4Q23-PIW-1D-110723	CAP1Q24-PIW-1D-012224	CAP2Q24-PIW-1D-041524	CAP3Q24-PIW-1D-072324	CAP4Q24-PIW-1D-100824	CAP1Q25-PIW-1D-012325	CAP2Q25-PIW-1D-040425	CAP3Q25-PIW-1D-071025
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
14-Feb-23	18-May-23	12-Jul-23	2-Nov-23	30-Jan-24	16-Apr-24	16-Jul-24	8-Oct-24	9-Jan-25	15-Apr-25	17-Jul-25	16-Feb-23	23-May-23	2-Aug-23	7-Nov-23	22-Jan-24	15-Apr-24	23-Jul-24	8-Oct-24	23-Jan-25	4-Apr-25	10-Jul-25	
HFPO Dimer Acid	5,300	5,000	4,000	4,900	4,400	6,200	3,900	5,400	4,500	4,300	5,600	9,800	9,900	9,200 J	8,800	8,600	11,000	11,000	4,900	12,000	13,000	10,000
PFMOAA	7,900	8,400	11,000	9,800	7,700	6,500	9,100	8,700	8,100	6,100	7,800	12,000	12,000	11,000 J	9,900	10,000	7,500	9,900	3,200	5,300	6,300	3,700
PFO2HxA	4,700	4,300	6,500	5,900	3,800	4,500	5,000	4,700	5,300	4,300	4,700	8,800	11,000	9,900 J	12,000	9,800	8,400	9,900	4,200	7,700	9,400	7,900
PFO3OA	810	840	1,100	1,100	560	790	550	740	890	760	820	1,500	1,700	1,600	1,700	1,900	1,600	1,900	700	1,500	1,400	1,300
PFO4DA	<59	<59	71	66	<50	<50	39	<50	<63	<63	<63	430	440	410	430	250	440	320	200	270	320	380
PFO5DA	<78	<78	<2.0	<100	<130	<130	<2.0	<130	<130	<130	<130	<78	<78	<100	<100	<130	<130	<130	<63	<130	<130	
PMPA	4,800	5,200	6,100	6,000	4,500	5,000 J	5,400	5,400	5,700	4,700	4,800	7,800	9,000	9,600 J	8,600	9,800	8,200 J	12,000	3,700	8,600	10,000	10,000
PEPA	2,000	1,800	2,300	2,200	1,300	1,700	1,800	1,800	2,100	1,500	1,800	2,600	3,000	3,200	3,100	3,700	2,900	3,500	1,200	3,100	3,700	2,800
PS Acid	<20	<20	8	<40	<50 UJ	<50 UJ	<2.0	<50	<63	<63	<63	<20	<20	<40	<40	<50	<50 UJ	<50	<50	<31	<63	<63
Hydro-PS Acid	29	53	43	<44	<55	<55	32	<55	<63	<63	<63	87	98	86	76	95	77	<55	170	84	90	160
R-PSDA	280 J	<71	290 J	250 J	210 J	240 J	320 J	360 J	370 J	<63	310 J	330 J	380 J	370 J	320 J	380 J	330 J	480 J	290 J	720 J	630 J	460 J
Hydrolyzed PSDA	<38	<38	58 J	61 J	38 J	48 J	100 J	62 J	<160	<160	<160	<38	<38	<27	<27	<34	<34	<34	<34	<78	<160	<160
R-PSDCA	<17	<17	<3.0	<140	<180	<180	<3.0	<180	<94	<94	<17	<17	<17	<140	<180	<180	<180	<180	<47	<94	<94	
NVHOS, Acid Form	170	240	130	140	<160	<160	120	160	130	110	120	190	160	150 J	140	<160	<160	<160	<160	93	120	<94
EVE Acid	<17	<17	<2.0	<40	<50 UJ	<50 UJ	<2.0	<50	<210	<210	<210	<17	<17	<40	<40	<50	<50 UJ	<50	<50	<110	<210	<210
Hydro-EVE Acid	<14	<14	14	<24	<30	<30	11	<30	<63	<63	<63	31	<14	29	28	32	<30	<30	<30	<31	<63	<63
R-EVE	130 J	<72	220 J	170 J	140 J	300 J	330 J	230 J	220 J	<63	230 J	190 J	200 J	280 J	220 J	180 J	390 J	350 J	150 J	500 J	390 J	240 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<36	<2.0	<36	<63	<63	<63	<6.7	<6.7	<29	<29	<36	<36	<36	<36	<31	<63	<63
PFECA B	<27	<27	<2.0	<62	<78	<78	<2.0	<78	<78	<78	<78	<27	<27	<62	<62	<78	<78	<78	<78	<39	<78	<78
PFECA-G	<48	<48	<2.0	<29	<36	<36	<2.0	<36	<63	<63	<63	<48	<48	<29	<29	<36	<36	<36	<36	<31	<63	<63
PFPrA	--	--	9,900	9,400	7,300	7,400	8,300	7,400	7,500	5,700	6,600	--	--	12,000 J	12,000	11,000	10,000	12,000	4,300	10,000	9,000	7,700
Total Table 3+ (17 compounds)^{2,3}	25,700	25,800	31,300	30,100	22,300	24,700	26,000	26,900	26,700	21,800	25,600	43,200	47,300	45,200	44,800	44,200	40,100	48,500	18,300	38,600	44,300	36,200
Total Table 3+ (18 compounds)^{2,4}	--	--	41,200	39,500	29,600	32,100	34,300	34,300	34,200	27,500	32,200	--	--	57,200	56,800	55,200	50,100	60,500	22,600	48,600	53,300	43,900
Total Table 3+ (21 compounds)^{2,5}	--	--	41,700	40,000	29,900	32,700	35,000	35,000	34,800	27,500	32,800	--	--	57,800	57,300	55,700	50,800	61,400	23,000	49,900	54,400	44,600

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)																					
	PIW-1S										PIW-3D											
	CAP1Q23-PIW-1S-021623	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	Not Sampled in 4Q 2023 (Dry)	CAP1Q24-PIW-1S-011624	Not Sampled in 2Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	CAP4Q24-PIW-1S-100824	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 2Q 2025 (Dry)	CAP3Q25-PIW-1S-072125	CAP1Q23-PIW-3D-021623	CAP2Q23-PIW-3D-051723	CAP3Q23-PIW-3D-071323	CAP4Q23-PIW-3D-110323	CAP1Q24-PIW-3D-011824	CAP2Q24-PIW-3D-041524	CAP3Q24-PIW-3D-072324	CAP4Q24-PIW-3D-100824	CAP1Q25-PIW-3D-011625	CAP2Q25-PIW-3D-040425	CAP3Q25-PIW-3D-071525
Sample Date: 16-Feb-23				Sample Date: 16-Jan-24			Sample Date: 8-Oct-24			Sample Date: 21-Jul-25	Sample Date: 16-Feb-23	Sample Date: 17-May-23	Sample Date: 13-Jul-23	Sample Date: 3-Nov-23	Sample Date: 18-Jan-24	Sample Date: 15-Apr-24	Sample Date: 23-Jul-24	Sample Date: 8-Oct-24	Sample Date: 16-Jan-25	Sample Date: 4-Apr-25	Sample Date: 15-Jul-25	
HFPO Dimer Acid	7,400	--	--	--	1,400	--	--	590	--	--	1,500 J	12,000	12,000	9,700	12,000	15,000	16,000	16,000	16,000	14,000	16,000	22,000
PFMOAA	2,000	--	--	--	390 J	--	--	280	--	--	310	9,400	8,500	13,000	19,000	25,000	11,000	18,000	17,000	18,000	15,000	29,000
PFO2HxA	4,700	--	--	--	1,200	--	--	910	--	--	810 J	12,000	10,000	16,000	19,000	27,000	15,000	20,000	19,000	19,000	18,000	25,000
PFO3OA	900	--	--	--	240	--	--	170	--	--	210	2,200	2,100	3,100	4,000	5,600	3,200	3,700	3,400	3,500	2,600	5,700
PFO4DA	440	--	--	--	110	--	--	130	--	--	200	940	800	890	1,200	1,800	860	1,500	1,000	1,000	770	1,500
PFO5DA	<78	--	--	--	<130	--	--	<130	--	--	47	130	<78	160	200	380	<130	130	<130	<130	<130	160
PMPA	4,400	--	--	--	1,100	--	--	320	--	--	530 J	9,500	8,800	12,000	13,000	16,000	13,000 J	13,000	14,000	14,000	15,000	17,000
PEPA	1,900	--	--	--	330	--	--	60	--	--	200	3,700	3,400	4,500	4,700	6,100	4,700	5,300	4,900	4,900	5,200	5,800
PS Acid	<20	--	--	--	<50	--	--	<50	--	--	<2	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63	<63	<63
Hydro-PS Acid	210	--	--	--	230	--	--	230	--	--	420 J	240	200	240	290	340	200	250	280	250	220	330
R-PSDA	<71	--	--	--	110 J	--	--	150 J	--	--	440 J	520 J	<71	610 J	750 J	780 J	620 J	790 J	1,100 J	850 J	950 J	1,200 J
Hydrolyzed PSDA	<38	--	--	--	<34	--	--	<34	--	--	<2	<38	<38	15 J	300 J	470 J	70 J	140 J	180 J	170 J	<160	290 J
R-PSDCA	<17	--	--	--	<180	--	--	<180	--	--	<3	<17	<17	4.7	<140	<180	<180	<180	<180	<94	<94	<94
NVHOS, Acid Form	<15	--	--	--	<160	--	--	<160	--	--	9.8	190	290	170	310	360	200	280	270	380	250	430
EVE Acid	<17	--	--	--	<50	--	--	<50	--	--	<2	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210
Hydro-EVE Acid	62	--	--	--	30	--	--	<30	--	--	37	72	70	74	100	100	69	85	96	85	70	150
R-EVE	180 J	--	--	--	<39	--	--	<39	--	--	100 J	220 J	<72	280 J	420 J	390 J	550 J	420 J	510 J	470 J	430 J	710 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	--	--	--	<36	--	--	<36	--	--	<2	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	--	--	--	<78	--	--	<78	--	--	<2	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	--	--	--	<36	--	--	<36	--	--	<2	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	--	--	1,300 J	--	--	660	--	--	650 J	--	--	19,000	21,000	22,000	16,000	21,000	17,000	19,000	16,000	22,000
Total Table 3+ (17 compounds)^{2,3}	22,000	--	--	--	5,030	--	--	2,690	--	--	4,270	50,400	46,200	59,800	73,800	97,700	64,200	78,200	75,900	75,100	73,100	107,000
Total Table 3+ (18 compounds)^{2,4}	--	--	--	--	6,330	--	--	3,350	--	--	4,920	--	--	78,800	94,800	120,000	80,200	99,200	92,900	94,100	89,100	129,000
Total Table 3+ (21 compounds)^{2,5}	--	--	--	--	6,440	--	--	3,500	--	--	5,460	--	--	79,700	96,300	121,000	81,500	101,000	94,700	95,600	90,500	131,000

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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SOP - standard operating procedure
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Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)																					
	PIW-7D										PIW-7S											
	CAP1Q23-PIW-7D-021523	CAP2Q23-PIW-7D-052223	CAP3Q23-PIW-7D-071123	CAP4Q23-PIW-7D-110223	CAP1Q24-PIW-7D-011524	CAP2Q24-PIW-7D-041524	CAP3Q24-PIW-7D-072324	CAP4Q24-PIW-7D-101024	CAP1Q25-PIW-7D-010925	CAP2Q25-PIW-7D-041625	CAP3Q25-PIW-7D-072825	CAP1Q23-PIW-7S-021523	CAP2Q23-PIW-7S-052223	CAP3Q23-PIW-7S-071123	CAP4Q23-PIW-7S-110223	CAP1Q24-PIW-7S-011524	CAP2Q24-PIW-7S-041024	CAP3Q24-PIW-7S-072424	CAP4Q24-PIW-7S-100924	CAP1Q25-PIW-7S-011525	CAP2Q25-PIW-7S-041625	CAP3Q25-PIW-7S-071725
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
	15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	15-Apr-24	23-Jul-24	10-Oct-24	9-Jan-25	16-Apr-25	28-Jul-25	15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	10-Apr-24	24-Jul-24	9-Oct-24	15-Jan-25	16-Apr-25	17-Jul-25
HFPO Dimer Acid	17,000	8,800 J	9,600 J	13,000	14,000	16,000	16,000	8,000	14,000	10,000	18,000	15,000	12,000 J	8,000	12,000	13,000	17,000	16,000	6,600	12,000	8,500	13,000
PFMOAA	140,000	130,000 J	140,000 J	150,000	150,000	110,000	120,000	54,000	120,000 J	78,000	120,000 J	18,000	16,000 J	15,000	17,000	17,000	120,000	16,000	5,700	14,000	11,000	12,000
PFO2HxA	47,000	37,000 J	42,000 J	43,000	38,000	35,000	35,000	21,000	44,000	33,000	41,000	13,000	12,000 J	11,000	13,000	12,000	13,000	40,000	12,000	5,000	10,000	9,000
PFO3OA	9,200	5,900 J	6,800	6,100	6,500	6,500	7,200	2,800	6,000	4,800	7,400	5,100	3,800 J	2,800	4,300	3,800	6,000	4,400	1,700	3,700	2,900	3,500
PFO4DA	1,700	1,100 J	890	1,000	870	950	860	410	1,100	650	950	660	440 J	350	420	400	880	560	200	420	260	410
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<130	<130	<130	<130	<130	<130	<78	UJ	19	<100	<130	<130	<130	<130	<130	<130	<130
PMPA	5,100	4,500 J	4,300	5,200	5,600	4,800 J	4,500	2,700	6,200	3,700	5,400	11,000	7,900 J	6,900	9,200	9,500	5,100	9,900	3,800	8,700	5,600	6,200
PEPA	1,100	950 J	950	1,000	1,100	1,000	1,100	490	1,300	830	1,100	4,500	3,300 J	2,500	3,400	3,800	980	4,000	1,400	3,300	2,000	2,600
PS Acid	<20	<20 UJ	<2.0	<40	<50	<50 UJ	<50	<50	<63	<63	<63	<20	<20 UJ	<2.0	<40	<50	<50	<50	<63	<63	<63	<63
Hydro-PS Acid	180	98 J	110	110	110	99	86	<55	84	<63	88	340	270 J	220	250	230	85	310	170	320	180	320
R-PSDA	710 J	470 J	460 J	510 J	570 J	490 J	700 J	400 J	870 J	540 J	810 J	1,200 J	960 J	710 J	910 J	790 J	770 J	1,200 J	600 J	1,300 J	740 J	980 J
Hydrolyzed PSDA	1,200 J	740 J	890 J	1,100 J	1,100 J	1,400 J	1,200 J	800 J	1,500 J	800 J	1,500 J	<38	63 J	110 J	60 J	45 J	1,000 J	42 J	<34	<160	<160	<160
R-PSDCA	<17	<17 UJ	7.3	<140	<180	<180	<180	<180	<94	<94	<94	<17	<17 UJ	5.4	<140	<180	<180	<180	<94	<94	<94	<94
NVHOS, Acid Form	1,200	990 J	1,100	1,200	1,300	1,100	1,100	690	1,400	820	1,400	830	630 J	520	690	680	1,100	790	380	730	400	560
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210	<17	<17 UJ	<2.0	<40	<50	<50	<50	<210	<210	<210	<210
Hydro-EVE Acid	610	330 J	360	360	320	310	260	150	280	210	310	650	460 J	360	430	360	280	500	240	450	270	440
R-EVE	870 J	550 J	560 J	680 J	540 J	1,600 J	790 J	510 J	980 J	570 J	1,000 J	1,400 J	1,000 J	820 J	1,200 J	880 J	890 J	1,400 J	680 J	1,500 J	770 J	1,300 J
Perfluoro(2-ethoxyethane)sulfonic Acid	12	<6.7 UJ	8.5	<29	<36	<36	<36	<36	<63	<63	<63	<6.7	<6.7 UJ	3.3	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78	<78	<78	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63	<63	<63	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	79,000 J	86,000	71,000 J	67,000	70,000	33,000	68,000 J	40,000	63,000 J	--	--	14,000	18,000	17,000 J	62,000	17,000	6,400	13,000	9,900	11,000
Total Table 3+ (17 compounds)^{2,3}	223,000	190,000	206,000	221,000	218,000	176,000	186,000	90,200	194,000	132,000	196,000	69,100	56,800	47,700	59,700	61,800	191,000	64,500	25,200	53,600	41,000	48,000
Total Table 3+ (18 compounds)^{2,4}	--	--	285,000	307,000	289,000	243,000	256,000	123,000	262,000	172,000	259,000	--	--	61,700	77,700	78,800	253,000	81,500	31,600	66,600	50,900	59,000
Total Table 3+ (21 compounds)^{2,5}	--	--	287,000	309,000	291,000	246,000	259,000	125,000	266,000	174,000	262,000	--	--	63,300	79,900	80,500	256,000	84,100	32,900	69,400	52,400	61,300

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.
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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.
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SOP - standard operating procedure
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Table 6-3
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Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-PW-04-042324	CAP3Q24-PW-04-072624	CAP4Q24-PW-04-100724	CAP1Q25-PW-04-012325	CAP2Q25-PW-04-041125	CAP3Q25-PW-04-071725	CAP1Q23-PZ-22-022023	CAP2Q23-PZ-22-052323	CAP3Q-PZ-22-071123	CAP4Q23-PZ-22-110223	CAP1Q24-PZ-22-011624	CAP2Q24-PZ-22-041624	CAP3Q24-PZ-22-072524	CAP4Q24-PZ-22-100924	CAP1Q25-PZ-22-012825	CAP2Q25-PZ-22-041625	CAP3Q25-PZ-22-072925
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
	23-Feb-23	25-May-23	28-Jul-23	9-Nov-23	17-Jan-24	23-Apr-24	26-Jul-24	7-Oct-24	23-Jan-25	11-Apr-25	17-Jul-25	20-Feb-23	23-May-23	11-Jul-23	2-Nov-23	16-Jan-24	16-Apr-24	25-Jul-24	9-Oct-24	28-Jan-25	16-Apr-25	29-Jul-25
HFPO Dimer Acid	730	980	950	670	1,000	670	760	<190	330	340	450 J	13,000	12,000	7,300 J	11,000	11,000	13,000	12,000	6,900	11,000	12,000	14,000
PFMOAA	300	490	380	300	370	220	240	160	180	200	230	140,000	150,000	140,000	170,000	150,000	120,000	140,000	65,000	93,000 J	140,000	130,000 J
PFO2HxA	640	1,100	1,000	930	1,000	660	750	460	380	550	570 J	38,000	49,000	50,000	47,000	42,000	34,000	47,000	22,000	34,000	55,000	43,000
PFO3OA	330	520	520	340	450	270	330	150	270	190	280	3,600	5,400	4,800	5,400	5,100	4,100	6,000	2,600	5,200	6,000	5,900
PFO4DA	63	95	120	100	110	95	73	170	80	95	92	120	270	240	210	220	330	350	170	120	280	380
PFO5DA	<78	<78	<100	<100	<130	<130	<130	<130	<63	<130	3.1	<78	<78	<2.0	<100	<130	<130	<130	<130	<130	<130	<130
PMPA	860	1,200	1,200	950	1,400	890	900	480	380	500	740 J	5,000	6,200	6,100	6,700	6,300	6,000 J	5,800	3,500	6,700	7,700	7,500
PEPA	330	440	480	320	590	320	310	110	120	140	210	1,200	1,500	1,600	1,500	1,400	1,300	1,500	730	1,600	1,700	1,600
PS Acid	<20	<20	<40	<40	<50	<50	<50	<50	<31	<63	<2	<20	<20	3.1	<40	<50	<50 UJ	<50	<50	<63	<63	<63
Hydro-PS Acid	22	<6.1	<44	<44	<55	<55	<55	210	47	<63	51	28	36	35	<44	<55	<55	<55	<55	<63	<63	<63
R-PSDA	160 J	150 J	78 J	<28	130 J	82 J	<35	68 J	82 J	<63	100 J	540 J	560 J	540 J	510 J	440 J	480 J	610 J	370 J	870 J	660 J	650 J
Hydrolyzed PSDA	<38	<38	<27	<27	<34	<34	<34	<34	<78	<160	<2	890 J	1,000 J	1,100 J	1,600 J	1,100 J	1,500 J	1,600 J	1,100 J	4,000 J	2,400 J	3,500 J
R-PSDCA	<17	<17	<140	<140	<180	<180	<180	<180	<47	<94	<3	<17	<17	3.2	<140	<180	<180	<180	<94	<94	<94	<94
NVHOS, Acid Form	<15	<15	<130	<130	<160	<160	<160	<160	<47	<94	3.5	1,100	1,300	1,500	1,200	1,300	1,200	1,200	750	1,300	1,300	1,200
EVE Acid	<17	<17	<40	<40	<50	<50	<50	<50	<110	<210	<2	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<210	<210
Hydro-EVE Acid	<14	<14	<24	<24	<30	<30	<30	<30	<31	<63	9.2	46	84	79	73	73	98	96	59	81	97	130
R-EVE	<72	86 J	49 J	66 J	66 J	46 J	<39	<39	70 J	<63	48 J	450 J	430 J	220 J	420 J	300 J	700 J	440 J	290 J	420 J	460 J	560 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<29	<29	<36	<36	<36	<36	<31	<63	<2	<6.7	<6.7	6.3	<29	<36	<36	<36	<36	<63	<63	<63
PFECA B	<27	<27	<62	<62	<78	<78	<78	<78	<39	<78	<2	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<29	<29	<36	<36	<36	<36	<31	<63	<2	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<63	<63
PFPrA	--	--	1,400	1,500	1,400	1,300	1,200	740	850	920	1,200 J	--	--	76,000	84,000	72,000 J	64,000	65,000	34,000	66,000 J	58,000	59,000 J
Total Table 3+ (17 compounds)^{2,3}	3,280	4,830	4,650	3,610	4,920	3,130	3,360	1,740	1,790	2,020	2,640	202,000	226,000	212,000	243,000	217,000	180,000	214,000	102,000	153,000	224,000	204,000
Total Table 3+ (18 compounds)^{2,4}	--	--	6,050	5,110	6,320	4,430	4,560	2,480	2,640	2,940	3,840	--	--	288,000	327,000	289,000	244,000	279,000	136,000	219,000	282,000	263,000
Total Table 3+ (21 compounds)^{2,5}	--	--	6,180	5,180	6,520	4,550	4,560	2,550	2,790	2,940	3,990	--	--	290,000	330,000	291,000	247,000	282,000	137,000	224,000	286,000	267,000

Notes:
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Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)											Performance Monitoring Plan Sampling Program (Semi-Annually)										
	SMW-12											OW-4R					OW-30					
	CAP1Q23-SMW-12-022323	CAP2Q23-SMW-12-051723	CAP3Q23-SMW-12-071823	CAP4Q23-SMW-12-110823	CAP1Q24-SMW-12-011624	CAP2Q24-SMW-12-041024	CAP3Q24-SMW-12-071624	CAP4Q24-SMW-12-101024	CAP1Q25-SMW-12-012425	CAP2Q25-SMW-12-041025	CAP3Q25-SMW-12-071725	CAP3Q23-OW-4R-080423	CAP1Q24-OW-4R-012924	CAP3Q24-OW-4R-072424	CAP1Q25-OW-4R-012725	CAP3Q25-OW-4R-072325	CAP1Q23-OW-30-021523	CAP3Q23-OW-30-071323	CAP1Q24-OW-30-013024	CAP3Q24-OW-30-071624	CAP1Q25-OW-30-012325	CAP3Q25-OW-30-071825
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	23-Feb-23	17-May-23	18-Jul-23	8-Nov-23	16-Jan-24	10-Apr-24	16-Jul-24	10-Oct-24	24-Jan-25	10-Apr-25	17-Jul-25	4-Aug-23	29-Jan-24	24-Jul-24	27-Jan-25	23-Jul-25	15-Feb-23	13-Jul-23	30-Jan-24	16-Jul-24	23-Jan-25	18-Jul-25
HFPO Dimer Acid	1,500	1,900	2,200	1,900	1,900	2,300	2,300	2,400	2,900	5,200	6,300	11,000	9,400	11,000	10,000	12,000	9,500	6,200	5,900	8,200	7,700	9,600
PFMOAA	2,900	5,100	5,800	8,300	9,600	7,100	9,100	7,300	9,700	11,000	9,600	42,000	35,000	38,000	39,000	34,000	32,000	27,000	21,000	30,000	27,000	28,000
PFO2HxA	1,200	1,900	3,500	4,200	3,200	3,300	2,900	3,600	3,500	5,200	5,200	17,000	13,000	16,000	14,000	15,000	12,000	11,000	8,300	12,000	9,000	12,000
PFO3OA	78	150	230	420	490	370	320	340	360	410	510	5,400	3,100	5,600	3,300	4,200	2,100	1,700	1,300	1,500	1,400	1,800
PFO4DA	<59	<59	<36	<40	<50	<50	<50	<50	<31	<63	<63	1,800	1,200	2,000	1,200	1,100	<59	8.9	<50	<50	<63	<63
PFO5DA	<78	<78	<91	<100	<130	<130	<130	<130	<63	<130	<130	<100	<130	<130	<63	<130	<78	<2.0	<130	<130	<130	<130
PMPA	2,300	2,900	2,600	1,700	1,900	2,600	2,700	3,600	3,700	6,100	5,900	8,600	5,700	7,700	6,100	7,700	4,300	4,400	3,200	4,900	4,100	4,400
PEPA	460	550	620	340	300	400	410	800	770	1,500	1,600	2,700	1,900	2,200	1,900	2,300	1,300	1,300	900	1,200	1,100	1,300
PS Acid	<20	<20	<36	<40	<50	<50	<50	<50	<31	<63	<63	<40	<50 UJ	<50	<31	<63	<20	<2.0	<50 UJ	<50	<63	<63
Hydro-PS Acid	<6.1	<6.1	<40	<44	<55	<55	<55	<55	<31	<63	<63	290	250	280	280	230	<6.1	<2.0	<55	<63	<63	<63
R-PSDA	150 J	<71	87 J	76 B	65 J	99 J	71 J	84 J	170 J	<63	190 J	760 J	570 J	790 J	880 J	790 J	460 J	330 J	340 J	500 J	640 J	560 J
Hydrolyzed PSDA	<38	<38	<25	<27	<34	<34	<34	<34	<78	<160	<160	3,100 J	2,300 J	3,200 J	3,800 J	2,600 J	760 J	570 J	520 J	690 J	940 J	810 J
R-PSDCA	<17	<17	<130	<140	<180	<180	<180	<180	<47	<94	<94	<140	<180	<47	<94	<17	<3.0	<180	<180	<180	<94	<94
NVHOS, Acid Form	48	<15	<120	<130	<160	<160	<160	<160	140	180	190	580	480	530	500	340	370	220	270	400	350	340
EVE Acid	<17	<17	<36	<40	<50	<50	<50	<50	<110	<210	<210	<40	<50 UJ	<50	<110	<210	<17	<2.0	<50 UJ	<50	<210	<210
Hydro-EVE Acid	<14	<14	<22	<24	<30	<30	<30	<30	<31	<63	<63	1,100	890	920	940	810	24	12	<30	47	<63	<63
R-EVE	97 J	<72	69 J	67 J	45 J	74 J	70 J	62 J	130 J	<63	160 J	630 J	390 J	610 J	700 J	520 J	410 J	290 J	270 J	540 J	470 J	520 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<26	<29	<36	<36	<36	<36	<31	<63	<63	<29	<36	<36	<31	<63	<6.7	<2.0	<36	<36	<63	<63
PFECA B	<27	<27	<56	<62	<78	<78	<78	<78	<39	<78	<78	<62	<78	<78	<39	<78	<27	<2.0	<78	<78	<78	<78
PFECA-G	<48	<48	<26	<29	<36	<36	<36	<36	<31	<63	<63	<29	<36	<36	<31	<63	<48	<2.0	<36	<36	<63	<63
PFPrA	--	--	5,900	7,000	6,400 J	5,900	6,500	5,500	7,500	7,700	7,300	25,000	21,000	23,000	22,000	19,000	--	19,000	16,000	21,000	21,000	17,000
Total Table 3+ (17 compounds)^{2,3}	8,490	12,500	15,000	16,900	17,400	16,100	17,700	18,000	21,100	29,700	29,300	90,500	70,900	84,200	77,200	77,700	61,600	51,800	40,900	58,200	50,700	57,400
Total Table 3+ (18 compounds)^{2,4}	--	--	20,900	23,900	23,800	22,000	24,200	23,500	28,600	37,400	36,600	115,000	91,900	107,000	99,200	96,700	--	70,800	56,900	79,200	71,700	74,400
Total Table 3+ (21 compounds)^{2,5}	--	--	21,000	24,000	23,900	22,100	24,400	23,700	28,900	37,400	37,000	120,000	95,200	112,000	105,000	101,000	--	72,000	58,000	81,000	73,700	76,300

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)															
	OW-32					OW-37					OW-40					
	CAP3Q23-OW-32-090823	CAP1Q24-OW-32-012924	CAP3Q24-OW-32-071824	CAP1Q25-OW-32-012325	CAP3Q25-OW-32-071625	CAP3Q23-OW-37-081023	CAP1Q24-OW-37-011724	CAP3Q24-OW-37-071824	CAP1Q25-OW-37-011725	CAP3Q25-OW-37-072125	CAP1Q23-OW-40-021523	CAP3Q23-OW-40-071323	CAP1Q24-OW-40-013024	CAP3Q24-OW-40-071624	CAP1Q25-OW-40-012125	CAP3Q25-OW-40-071725
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
8-Sep-23	29-Jan-24	18-Jul-24	23-Jan-25	16-Jul-25	10-Aug-23	17-Jan-24	18-Jul-24	17-Jan-25	21-Jul-25	15-Feb-23	13-Jul-23	30-Jan-24	16-Jul-24	21-Jan-25	17-Jul-25	
HFPO Dimer Acid	580	3,200	4,900	4,000	4,000	4,000 J	290	12,000	13,000 J	17,000	5,200	3,300	3,400	3,000	6,100	4,700
PFMOAA	1,800	14,000	24,000	18,000	12,000	15,000 J	1,100	36,000	42,000 J	45,000	6,900	7,000	6,100	11,000	16,000	11,000
PFO2HxA	790	4,500	11,000	6,700	1,400	5,900 J	690	11,000	13,000 J	18,000	4,200	4,700	3,200	4,100	6,500	4,900
PFO3OA	130	1,200	1,800	1,800	1,200	2,600 J	260	3,000	4,700 J	5,500	1,100	1,400	650	870	1,400	1,000
PFO4DA	<40	100	190	320	100	3,900 J	140	840	1,500 J	1,800	130	170	130	100	180	170
PFO5DA	<100	<130	<130	<130	<130	140 J	420	<130	<63 UJ	<130	<78	<2.0	<130	<2.0	<130	<130
PMPA	260	1,800	3,800	2,300	2,600	2,000 J	200	5,100	5,100 J	6,300	4,300	4,400	3,700	4,200	5,200	3,400
PEPA	83	460	1000	730	760	580 J	79	1,600	1,700 J	2,100	1,600	1,900	1,100	1,100	1,600	1,200
PS Acid	<40	<50 UJ	<50	<63	<63	<40 UJ	<50	<50	<31 UJ	<63	<20	<2.0	<50 UJ	<2.0	<63	<63
Hydro-PS Acid	<44	<55	<55	67	<63	370 J	110	200	270 J	350	35	44	<55	32	69	<63
R-PSDA	44 J	220 J	390 J	370 J	210 J	1,500 J	100 J	560 J	800 J	590 J	<71	200 J	200 J	230 J	500 J	290 J
Hydrolyzed PSDA	100 J	650 J	1,000 J	980 J	570 J	1,200 J	83 J	150 J	560 J	740 J	160 J	130 J	65 J	240 J	260 J	290 J
R-PSDCA	<140	<180	<180	<94	<94	<140 UJ	<180	<180	<47 UJ	<94	<17	<3.0	<180	<3.0	<94	<94
NVHOS, Acid Form	<130	220	310	310	190	170 J	<160	490	590 J	600	130	90	<160	130	260	180
EVE Acid	<40	<50 UJ	<50	<210	<210	<40 UJ	<50	<50	<110 UJ	<210	<17	<2.0	<50 UJ	<2.0	<210	<210
Hydro-EVE Acid	<24	70	150	230	130	120 J	<30	91	260 J	670	94	99	67	56	110	75
R-EVE	36 J	140 J	280 J	270 J	120 J	390 J	<39	290 J	570 J	610 J	170 J	240 J	100 J	300 J	350 J	230 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<63	<63	<29 UJ	<36	<36	<31 UJ	<63	<6.7	<2.0	<36	<2.0	<63	<63
PFECA B	<62	<78	<78	<78	<78	<62 UJ	<78	<78	<39 UJ	<78	<27	<2.0	<78	<2.0	<78	<78
PFECA-G	<29	<36	<36	<63	<63	<29 UJ	<36	<36	<31 UJ	<63	<48	<2.0	<36	<2.0	<63	<63
PFPrA	990	7,200	11,000	9,200	7,300	8,200 J	1,800	19,000	23,000 J	22,000	--	5,700	5,400	7,300	11,000	5,800
Total Table 3+ (17 compounds)^{2,3}	3,640	25,600	47,200	34,500	22,400	34,800	3,290	70,300	82,100	97,300	23,700	23,100	18,300	24,600	37,400	26,600
Total Table 3+ (18 compounds)^{2,4}	4,630	32,800	58,200	43,700	29,700	43,000	5,090	89,300	105,000	119,000	--	28,800	23,700	31,900	48,400	32,400
Total Table 3+ (21 compounds)^{2,5}	4,810	33,800	59,800	45,300	30,600	46,100	5,270	90,300	107,000	121,000	--	29,400	24,100	32,700	49,500	33,200

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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
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Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)										
	OW-51					OW-54					
	CAP3Q23-OW-51-080323 Sample Date: 3-Aug-23	CAP1Q24-OW-51-013124 Sample Date: 31-Jan-24	CAP3Q24-OW-51-073024 Sample Date: 30-Jul-24	CAP1Q25-OW-51-012725 Sample Date: 27-Jan-25	CAP3Q25-OW-51-073025 Sample Date: 30-Jul-25	CAP1Q23-OW-54-021623 Sample Date: 16-Feb-23	Not Sampled in 3Q 2023 (Dry)	CAP1Q24-OW-54-020624 Sample Date: 6-Feb-24	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	CAP3Q25-OW-54-072225 Sample Date: 22-Jul-25
HFPO Dimer Acid	33,000	11,000	16,000	15,000	12,000	4,500	--	740	--	--	240
PFMOAA	140,000	43,000	61,000	46,000	44,000	360	--	250	--	--	320
PFO2HxA	64,000	19,000	28,000	18,000 J	21,000	2,600	--	690	--	--	680
PFO3OA	23,000	6,500	7,400	8,200 J	7,500	410	--	<110	--	--	140
PFO4DA	4,800	1,100	1,600	1,200	1,400	230	--	110	--	--	94
PFO5DA	<100	<130	<130	<130	<130	<78	--	<130	--	--	<130
PMPA	9,400	3,200	6,000	4,700	5,400	2,600	--	760	--	--	390
PEPA	1,900	720	1,600	1,300	1,800	1,000	--	200	--	--	70
PS Acid	<40	<50 UJ	<50	<63	<63	<20	--	<50 UJ	--	--	<63
Hydro-PS Acid	660	150	140	190	210	120	--	<55	--	--	69
R-PSDA	1,900 J	650 J	1,400 J	1,400 J	910 J	<71	--	78 J	--	--	76 J
Hydrolyzed PSDA	4,300 J	1,400 J	3,400 J	3,400 J	1,800 J	<38	--	<34	--	--	<160
R-PSDCA	<140	<180	<180	<94	<94	<17	--	<180	--	--	<94
NVHOS, Acid Form	1,800	620	900	740	460	<15	--	<160	--	--	<94
EVE Acid	<40	<50 UJ	<50	<210	<210	<17	--	<50 UJ	--	--	<210
Hydro-EVE Acid	2,400	550	930	860	820	<14	--	<30	--	--	<63
R-EVE	2,600 J	700 J	1,700 J	1,800 J	980 J	<72	--	42 J	--	--	<63
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<63	<63	<6.7	--	<36	--	--	<63
PFECA B	<62	<78	<78	<78	<78	<27	--	<78	--	--	<78
PFECA-G	<29	<36	<36	<63	<63	<48	--	<36	--	--	<63
PFPrA	92,000	31,000	30,000	32,000	26,000	--	--	1,400	--	--	770
Total Table 3+ (17 compounds)^{2,3}	281,000	85,800	124,000	96,200	94,600	11,800	--	2,750	--	--	2,000
Total Table 3+ (18 compounds)^{2,4}	373,000	117,000	154,000	128,000	121,000	--	--	4,150	--	--	2,770
Total Table 3+ (21 compounds)^{2,5}	382,000	120,000	160,000	135,000	124,000	--	--	4,270	--	--	2,850

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																						
	OW-55						OW-56						OW-57						PIW-4D				
	CAPIQ23-OW-55-021623	CAP3Q23-OW-55-072523	CAPIQ24-OW-55-020524	CAP3Q24-OW-55-071824	CAPIQ25-OW-55-012325	CAP3Q25-OW-55-071025	CAPIQ23-OW-56-022123	CAP3Q23-OW-56-073123	CAPIQ24-OW-56-020124	CAP3Q24-OW-56-072324	CAPIQ25-OW-56-012025	CAP3Q25-OW-56-071625	CAPIQ23-OW-57-021523	CAP3Q23-OW-57-073123	CAPIQ24-OW-57-020624	CAP3Q24-OW-57-072524	CAPIQ25-OW-57-012925	CAP3Q25-OW-57-072325	CAP3Q23-PIW-4D-071323	CAPIQ24-PIW-4D-012224	CAP3Q24-PIW-4D-072324	CAPIQ25-PIW-4D-041525	CAP3Q25-PIW-4D-072225
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
HFPO Dimer Acid	1,800	1,800	1,600	1,100	1,600	1,000	4,200	3,300	2,200	2,000	3,100 J	1,900	11,000	11,000	11,000	13,000	13,000	15,000	140	320	1,900	4,700	5,400
PFMOAA	220	300	550	660	1,100	500	350	520	420	530	630 J	300	130,000	130,000	130,000	140,000	95,000 J	160,000 J	1,300	1,900	8,200	15,000	21,000
PFO2HxA	690	940	820	790	1,100	810	1,800	2,100	1,300	1,500	2,000 J	1,300	36,000	37,000	37,000	43,000	34,000	47,000	470	1,100	3,600	10,000	11,000
PFO3OA	58	<89	<110	<110	170	<110	200	260	220	210	290 J	210	8,600	7,700	6,700	9,400	8,900	10,000	47	110	880	2,100	2,200
PFO4DA	<59	<40	<50	<50	<63	<63	<59	<40	<50	<50	<63 UJ	<63	1,100	1,000	1,000	1,200	890	1,300	<2.0	5.3	58	290	250
PFO5DA	<78	<100	<130	<130	<130	<130	<78	<100	<130	<130	<130 UJ	<130	<78	<100	<130	<130	<130	<130	<2.0	<2.0	<130	<130	<130
PMPA	2,800	3,800	1,800	1,200	1,500	1,300	2,600	2,800	1,500	1,400	2,300 J	1,700	22,000	21,000	16,000	20,000	17,000	21,000	150	290	1,600	3,600	4,400
PEPA	740	890	470	290	370	250	990	1,100	530	540	810 J	460	5,100	4,700	3,800	4,600	3,600	4,900	37	71	480	1,200	1,500
PS Acid	<20	<40	<50 UJ	<50	<63	<63	<20	<40	<50 UJ	<50	<63 UJ	<63	770	360	330 J	390	870	1,100	<2.0	<2.0	<50	<63	<63
Hydro-PS Acid	<6.1	<44	<55	<55	<63	<63	120	150	100	110	<63 UJ	140	220	260	240	290	390	480	<2.0	<2.0	<55	<63	<63
R-PSDA	<71	140 J	100 J	100 J	150 J	89 J	310 J	150 J	140 J	150 J	380 J	210 J	970 J	1,200 J	1,200 J	1,500 J	1,600 J	1,100 J	8.9 J	20 J	140 J	270 J	360 J
Hydrolyzed PSDA	<38	<27	<34	<34	<160	<160	<38	<27	<34	<34	<160 UJ	<160	16,000 J	14,000 J	15,000 J	23,000 J	27,000 J	19,000 J	25 J	80 J	620 J	1,100 J	1,200 J
R-PSDCA	<17	<140	<180	<180	<94	<94	<17	<140	<180	<180	<94 UJ	<94	17	<140	<180	<94	<94	<3.0	<3.0	<180	<94	<94	
NVHOS, Acid Form	<15	<130	<160	<160	<94	<94	110	<130	<160	<160	<94 UJ	<94	2,000	2,400	2,200	2,400	2,400	2,700	11	19	<160	250	240
EVE Acid	<17	<40	<50 UJ	<50	<210	<210	<17	<40	<50 UJ	<50	<210 UJ	<210	<17	<40	<50 UJ	<50	<210	<210	<2.0	<2.0	<50	<210	<210
Hydro-EVE Acid	<14	<24	<30	<30	<63	<63	<14	<24	<30	<30	<63 UJ	<63	200	210	180	190	240	300	<2.0	<2.0	<30	<63	<63
R-EVE	160 J	180 J	85 J	63 J	<63	<63	190 J	120 J	110 J	120 J	200 J	140 J	240 J	180 J	210 J	290 J	260 J	260 J	6.2 J	12 J	97 J	120 J	160 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<29	<36	<36	<63	<63	<6.7	<29	<36	<36	<63 UJ	<63	<6.7	<29	<36	<36	<63	<63	<2.0	<2.0	<36	<63	<63
PFECA B	<27	<62	<78	<78	<78	<78	<27	<62	<78	<78	<78 UJ	<78	<27	<62	<78	<78	<78	<78	<2.0	<2.0	<78	<78	<78
PFECA-G	<48	<29	<36	<36	<63	<63	<48	<29	<36	<36	<63 UJ	<63	<48	<29	<36	<36	<63	<63	<2.0	<2.0	<36	<63	<63
PFPrA	--	2,900	1,700	940	1,500	860	--	2,200	1,500	1,200	2,300 J	1,000	--	44,000	48,000	48,000	52,000 J	51,000 J	880	1,300	4,900	8,300	11,000
Total Table 3+ (17 compounds)^{2,3}	6,310	7,730	5,240	4,040	5,840	3,860	10,400	10,200	6,270	6,290	9,130	6,010	217,000	216,000	208,000	234,000	176,000	264,000	2,160	3,820	16,700	37,100	46,000
Total Table 3+ (18 compounds)^{2,4}	--	10,600	6,940	4,980	7,340	4,720	--	12,400	7,770	7,490	11,400	7,010	--	260,000	256,000	282,000	228,000	315,000	3,040	5,120	21,600	45,400	57,000
Total Table 3+ (21 compounds)^{2,5}	--	11,000	7,130	5,140	7,490	4,810	--	12,700	8,020	7,760	12,000	7,360	--	275,000	273,000	307,000	257,000	335,000	3,080	5,230	22,500	46,900	58,700

Notes:
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Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																								
	PIW-5SR				PIW-6S					PIW-8D					PIW-10DR					PIW-10S					
	CAP3Q23-PIW-5SR-080423 Sample Date: 4-Aug-23	Not Sampled in 1Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 3Q 2025 (Dry)	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAPIQ24-PIW-6S-013124 Sample Date: 31-Jan-24	CAP3Q24-PIW-6S-072924 Sample Date: 29-Jul-24	CAP1Q25-PIW-6S-012925 Sample Date: 29-Jan-25	CAP3Q25-PIW-6S-072825 Sample Date: 28-Jul-25	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAPIQ24-PIW-8D-012224 Sample Date: 22-Jan-24	CAP3Q24-PIW-8D-072524 Sample Date: 25-Jul-24	CAP1Q25-PIW-8D-012525 Sample Date: 30-Jan-25	CAP3Q25-PIW-8D-072925 Sample Date: 29-Jul-25	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAPIQ24-PIW-10DR-012224 Sample Date: 22-Jan-24	CAP3Q24-PIW-10DR-072524 Sample Date: 25-Jul-24	CAP1Q25-PIW-10DR-012925 Sample Date: 29-Jan-25	CAP3Q25-PIW-10DR-072825 Sample Date: 28-Jul-25	CAP3Q23-PIW-10S-071323 Sample Date: 13-Jul-23	Not Sampled in 1Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 3Q 2025 (Dry)
HFPO Dimer Acid	24,000	--	--	--	--	8,400	9,500	11,000	17,000	13,000	12,000 J	46,000	50,000	46,000	57,000 J	6,600	8,300	9,400	8,500	11,000	3,800	--	--	--	--
PFMOAA	44,000	--	--	--	--	150,000 J	100,000	120,000	140,000 J	120,000 J	72,000 J	190,000	180,000	110,000 J	150,000 J	51,000 J	31,000	27,000	29,000	34,000	3,700	--	--	--	--
PFO2HxA	28,000	--	--	--	--	61,000 J	29,000	39,000	50,000	36,000	34,000 J	110,000	86,000	63,000 J	83,000 J	19,000	14,000	12,000	9,800	13,000	4,400	--	--	--	--
PFO3OA	7,000	--	--	--	--	5,500	4,100	7,500	8,900	7,400	14,000	43,000	37,000	33,000	38,000	5,800	4,800	4,700	3,100	3,800	800	--	--	--	--
PFO4DA	2,200	--	--	--	--	200	180	240	230	260	2,300	5,300	9,200	5,500	7,800	1,500	930	1,000	770	950	340	--	--	--	--
PFO5DA	690	--	--	--	--	<2.0	<130	<130	<130	<130	<2.0	<130	<130	<130	<130	4	<130	<130	<130	<130	6.8	--	--	--	--
PMPA	32,000	--	--	--	--	16,000	11,000	14,000	21,000	16,000	8,600	19,000	15,000	16,000	6,600	6,700	4,900	4,900	5,400	4,500	4,500	--	--	--	--
PEPA	15,000	--	--	--	--	3,400	2,300	3,400	4,500	3,400	2,500	5,500	4,200	3,800	4,500	2,400	2,300	1,900	1,700	1,700	2,100	--	--	--	--
PS Acid	40	--	--	--	--	<2.0	<50 UJ	<50	<63	<63	<2.0	<50	<50	<63	<63	<2.0	<50	<50	<63	<63	<2.0	--	--	--	--
Hydro-PS Acid	140	--	--	--	--	25	<55	<55	<63	<63	350	1,200	980	1,100	1,000	210	200	180	190	180	67	--	--	--	--
R-PSDA	1,600 J	--	--	--	--	820 J	730 J	890 J	1,900 J	1,100 J	1,000 J	2,600 J	2,700 J	3,700 J	2,600 J	690 J	610 J	620 J	770 J	600 J	160 J	--	--	--	--
Hydrolyzed PSDA	1,700 J	--	--	--	--	4,100 J	4,300 J	5,900 J	13,000 J	9,500 J	2,600 J	5,300 J	5,100 J	6,400 J	5,400 J	2,700 J	2,300 J	2,300 J	2,700 J	2,400 J	<2.0	--	--	--	--
R-PSDCA	<140	--	--	--	--	<3.0	<180	<180	<94	<94	25	<180	<180	<94	<94	9.9	<180	<180	<94	<94	<3.0	--	--	--	--
NVHOS, Acid Form	640	--	--	--	--	1,800	1,300	1,300	2,200	1,300	1,100	2,500	2,400	2,600	2,300	390	390	350	380	410	62	--	--	--	--
EVE Acid	<40	--	--	--	--	<2.0	<50 UJ	<50	<210	<210	<2.0	<50	<50	<210	<210	<2.0	<50	<50	<210	<210	<2.0	--	--	--	--
Hydro-EVE Acid	190	--	--	--	--	54	40	54	110	86	1,200	3,500	2,800	3,200	3,100	910	640	600	650	690	14	--	--	--	--
R-EVE	1,300 J	--	--	--	--	230 J	360 J	490 J	810 J	590 J	1,300 J	2,300 J	2,800 J	2,600 J	3,200 J	250 J	400 J	490 J	530 J	670 J	230 J	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	--	--	--	--	7.1	<36	<36	<63	<63	13	<36	<36	<63	<63	3.9	<36	<36	<63	<63	<2.0	--	--	--	--
PFECA B	<62	--	--	--	--	<2.0	<78	<78	<78	<78	<2.0	<78	<78	<78	<2.0	<78	<78	<78	<78	<78	<2.0	--	--	--	--
PFECA-G	<29	--	--	--	--	<2.0	<36	<36	<63	<63	<2.0	<36	<36	<63	<63	<2.0	<36	<36	<63	<63	<2.0	--	--	--	--
PFPrA	44,000	--	--	--	--	64,000 J	54,000	45,000	94,000 J	50,000 J	57,000	120,000	110,000	100,000 J	92,000 J	26,000	18,000	17,000	18,000	16,000	5,300	--	--	--	--
Total Table 3+ (17 compounds)^{2,3}	154,000	--	--	--	--	246,000	157,000	196,000	244,000	197,000	148,000	426,000	388,000	284,000	363,000	94,400	69,300	62,000	59,000	71,100	19,800	--	--	--	--
Total Table 3+ (18 compounds)^{2,4}	198,000	--	--	--	--	310,000	211,000	241,000	338,000	247,000	205,000	546,000	498,000	384,000	455,000	120,000	87,300	79,000	77,000	87,100	25,100	--	--	--	--
Total Table 3+ (21 compounds)^{2,5}	203,000	--	--	--	--	316,000	217,000	249,000	354,000	259,000	210,000	556,000	508,000	397,000	466,000	124,000	90,600	82,400	81,000	90,800	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.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																			
	PIW-11					PIW-15					PW-10RR					PW-11				
	CAP3Q23-PIW-11-073123	CAP1Q24-PIW-11-020124	CAP3Q24-PIW-11-071824	CAP1Q25-PIW-11-012425	CAP3Q25-PIW-11-072225	CAP3Q23-PIW-15-072523	CAP1Q24-PIW-15-020524	CAP3Q24-PIW-15-090324	CAP1Q25-PIW-15-020325	CAP3Q25-PIW-15-072125	CAP3Q23-PW-10RR-080323	CAP1Q24-PW-10RR-013124	CAP3Q24-PW-10RR-073024	CAP1Q25-PW-10RR-012925	CAP3Q25-PW-10RR-072825	CAP3Q23-PW-11-070723	CAP1Q24-PW-11-013124	CAP3Q24-PW-11-072424	CAP1Q25-PW-11-012925	CAP3Q25-PW-11-072525
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
HFPO Dimer Acid	3,500	1,400	3,400	3,000	3,300	7,800	8,200	9,200	10,000 J	12,000	6,700	4,000	3,600	2,500	1,900	6,900	6,800	8,800	5,600	8,600
PFMOAA	1,600	2,100	470	450	460	8,700	9,200	8,500	8,500	4,300	93,000	59,000	62,000	40,000	30,000	54,000 J	29,000	36,000	22,000	40,000
PFO2HxA	2,600	1,000	2,100	2,000	2,200	7,000	6,800	8,000	7,500	7,300	26,000	14,000	15,000	8,400	7,200	28,000	11,000	14,000	7,800	14,000
PFO3OA	420	230	290	320	350	1,200	1,300	1,200	1,400	1,300	1,300	410	510	320	260	7,300	5,000	8,800	4,600	9,200
PFO4DA	46	<50	<50	39	<63	65	100	100	150	220	<40	<50	<50	<63	<63	4,500	4,200	7,300	3,200	5,600
PFO5DA	<100	<130	<130	<63	<130	<100	<130	<130	<130	<130	<100	<130	<130	<130	<130	1,600	1,300	1,900	1,100	880
PMPA	3,100	1,400	2,700	2,000	2,600	8,400	6,300	8,200	9,800	8,900	4,400	2,200	2,400	1,500	1,200	7,800	3,000	4,300	2,700	3,500
PEPA	1,000	320	770	700	880	2,400	1,900	2,500	3,000	3,600	590	150	190	63	75	2,200	910	1,500	910	1,300
PS Acid	<40	<50 UJ	<50	<31	<63	<40	<50 UJ	<50	<63	<63	<40	<50 UJ	<50	<63	<63	1,400	97 J	92	120	68
Hydro-PS Acid	<44	<55	<55	43	<63	<44	<55	<55	<63	<63	<44	<55	<55	<63	<63	840	440	630	500	540
R-PSDA	240 J	230 J	190 J	290 J	250 J	250 J	190 J	180 J	440 J	500 J	180 J	84 J	<35	70 J	<63	850 J	300 J	490 J	400 J	450 J
Hydrolyzed PSDA	1,500 J	2,800 J	43 J	<78	<160	<27	<34	<34	<160	<160	220 J	84 J	95 J	<160	<160	7,900 J	850 J	1,300 J	910 J	1,200 J
R-PSDCA	<140	<180	<180	<47	<94	<140	<180	<180	<94	<94	<140	<180	<180	<94	<94	24	<180	<180	<94	<94
NVHOS, Acid Form	<130	<160	<160	<47	<94	130	<160	<160	110	<94	850	510	460	340	200	850	510	690	430	730
EVE Acid	<40	<50 UJ	<50	<110	<210	<40	<50 UJ	<50	<210	<210	<40	<50 UJ	<50	<210	<210	47	<50 UJ	<50	<210	<210
Hydro-EVE Acid	<24	<30	<30	<31	<63	<24	<30	<30	<63	<63	<24	<30	<30	<63	<63	620	240	350	280	330
R-EVE	130 J	77 J	130 J	180 J	130 J	200 J	130 J	150 J	350 J	520 J	240 J	120 J	120 J	80 J	97 J	360 J	110 J	200 J	120 J	280 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<31	<63	<29	<36	<36	<63	<63	<29	<36	<36	<63	<63	<2.0	<36	<36	<63	<63
PFECA B	<62	<78	<78	<39	<78	<62	<78	<78	<78	<78	<62	<78	<78	<78	<78	<2.0	<78	<78	<78	<78
PFECA-G	<29	<36	<36	<31	<63	<29	<36	<36	<63	<63	<29	<36	<36	<63	<63	<2.0	<36	<36	<63	<63
PFPrA	3,400	2,200	2,700	2,500	2,400	14,000	10,000	9,600	9,500	7,500	60,000	41,000	37,000	28,000	17,000	25,000	14,000	15,000	10,000	12,000
Total Table 3+ (17 compounds)^{2,3}	12,300	6,450	9,730	8,550	9,790	35,700	33,800	37,700	40,500	37,600	133,000	80,300	84,200	53,100	40,800	116,000	62,500	84,400	49,200	84,700
Total Table 3+ (18 compounds)^{2,4}	15,700	8,650	12,400	11,100	12,200	49,700	43,800	47,300	50,000	45,100	193,000	121,000	121,000	81,100	57,800	141,000	76,500	99,400	59,200	96,700
Total Table 3+ (21 compounds)^{2,5}	17,500	11,800	12,800	11,500	12,600	50,100	44,100	47,600	50,800	46,100	193,000	122,000	121,000	81,300	57,900	150,000	77,800	101,000	60,700	98,700

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.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	Corrective Action Plan Sampling Program (Annually)											
	OW-59		PIW-12			PIW-13				PIW-14		
	CAP3Q24-OW-59-112024	CAP3Q25-OW-59-072225	CAP3Q23-PIW-12-072423	CAP3Q24-PIW-12-071824	CAP3Q25-PIW-12-071025	CAP3Q23-PIW-13-072423	CAP3Q24-PIW-13-071824	CAP3Q24-PIW-13-080524	CAP3Q25-PIW-13-071025	CAP3Q23-PIW-14-072423	CAP3Q24-PIW-14-080524	CAP3Q25-PIW-14-071025
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	20-Nov-24	22-Jul-25	24-Jul-23	18-Jul-24	10-Jul-25	24-Jul-23	18-Jul-24	5-Aug-24	10-Jul-25	24-Jul-23	5-Aug-24	10-Jul-25
HFPO Dimer Acid	1,900	2,300	1,800	1,400	1,200	3,100	4,600	4,400	4,400	6,200	6,100	6,000
PFMOAA	9,800	9,600	490	530	320	520	570	510	480	1,000	1,500	1,300
PFO2HxA	3,400	2,900	1,200	900	950	2,100	3,300	2,400	2,600	3,800	3,900	4,100
PFO3OA	620	560	190	130	120	250	300	310	410	520	570	740
PFO4DA	70	78	41	<50	63	<40	58	53	<63	160	160	290
PFO5DA	<130	<130	<100	<130	<130	<100	<130	<130	<130	<100	<130	<130
PMPA	1,900	2,000	2,300	1,600	1,600	4,200	3,800	3,600	4,600	5,000	4,800	5,500
PEPA	410	430	640	330	340	1,100	1,200	1,200	1,200	1,600	1,500	1,300
PS Acid	<50	<63	<40	<50	<63	<40	<50	<50	<63	<40	<50	<63
Hydro-PS Acid	<55	<63	<44	<55	<63	<44	<55	<55	<63	<44	<55	68
R-PSDA	81	<63	130 J	75 J	<63	260 J	340 J	230 J	230 J	310 J	280 J	260 J
Hydrolyzed PSDA	450	280 J	<27	<34	<160	<27	<34	<34	<160	<27	<34	<160
R-PSDCA	<180	<94	<140	<140	<94	<140	<180	<180	<94	<140	<180	<94
NVHOS, Acid Form	<160	<94	<130	<160	<94	<130	<160	<160	<94	<130	<160	<94
EVE Acid	<50	<210	<40	<50	<210	<40	<50	<50	<210	<40	<50	<210
Hydro-EVE Acid	<30	<63	<24	<30	<63	<24	<30	<30	<63	<24	<30	<63
R-EVE	48	<63	130 J	57 J	<63	260 J	230 J	230 J	150 J	230 J	240 J	140 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<36	<63	<29	<36	<63	<29	<36	<36	<63	<29	<36	<63
PFECA B	<78	<78	<62	<78	<78	<62	<78	<78	<78	<62	<78	<78
PFECA-G	<36	<63	<29	<36	<63	<29	<36	<36	<63	<29	<36	<63
PFPrA	4,100	4,200	2,800	1,400	1,100	4,600	3,300	2,900	2,700	6,700	4,600	3,900
Total Table 3+ (17 compounds)^{2,3}	18,100	17,900	6,660	4,890	4,590	11,300	13,800	12,500	13,700	18,300	18,500	19,300
Total Table 3+ (18 compounds)^{2,4}	22,200	22,100	9,460	6,290	5,690	15,900	17,100	15,400	16,400	25,000	23,100	23,200
Total Table 3+ (21 compounds)^{2,5}	22,779	22,300	9,720	6,420	5,690	16,400	17,700	15,800	16,800	25,500	23,700	23,600

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-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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-01-0111724	CAP2Q24-LTW-01-041524	CAP3Q24-LTW-01-072624	CAP4Q24-LTW-01-101024	CAP1Q25-LTW-01-012825	CAP2Q25-LTW-01-041625	CAP3Q25-LTW-01-072425	CAP1Q23-LTW-02-021623	CAP2Q23-LTW-02-051723	CAP3Q23-LTW-02-071223	CAP4Q23-LTW-02-110323	CAP1Q24-LTW-02-0111724	CAP2Q24-LTW-02-041524	CAP3Q24-LTW-02-071824	CAP4Q24-LTW-02-100824	CAP1Q25-LTW-02-012125	CAP2Q25-LTW-02-041025	CAP3Q25-LTW-02-071525
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
16-Feb-23	17-May-23	13-Jul-23	3-Nov-23	17-Jan-24	15-Apr-24	26-Jul-24	10-Oct-24	28-Jan-25	16-Apr-25	24-Jul-25	16-Feb-23	17-May-23	12-Jul-23	3-Nov-23	17-Jan-24	15-Apr-24	18-Jul-24	8-Oct-24	21-Jan-25	10-Apr-25	15-Jul-25	
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84	<84	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86	<86	<86	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<110	<110	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<180	<180	<180	<180	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160	<160	<160	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160	<160	<160
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160	<160	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160	<160	<160	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	4.2	4.7 J	3.6	<20	<25	<25	<25	<25	<63	<63	<2.0	<2.0 UJ	<2.0	<20	<25	<25	<25	<25	<63	<63	<63	<63
Perfluorobutanoic Acid	170	110 J	120	<240	<300	<300	<300	<300	<160	<160	<160	30	61 J	86	<240	<300	<300	<300	<300	<160	220	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69	<69	<69	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	46	48 J	44	47 J	40	42	41	34	<63	<63	<63	4.7	11 J	11	<25	<31	<31	<31	<31	<63	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<110	<110	<110
Perfluorohexane Sulfonic Acid	6	6.3 J	5.2	<57	<71	<71	<71	<71	<71	<71	<71	<2.0	<2.0 UJ	<2.0	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	22	23 J	23	<58	<73	<73	<73	<73	<73	<73	3.3	8.4 J	11	<58	<73	<73	<73	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluorononanoic Acid	<2.0	2.3 J	<2.0	<27	<34	<34	<34	<34	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	320	250 J	260	330	220	310	280	150	270	130	210	99	190 J	250	300	320	370	390	380	350	410	400
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91	<91	<91	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63	<63	<63
PFOA	41	49 J	39	<85	<110	<110	<110	<110	<63	<63	110 J	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<63	<63	<63
PFOS	9.9 J	22 J	11 J	<54	<68	<68	<68	<68	<63	<63	<63	<2.0	<2.0 UJ	<2.0	<54	<68	<68	<68	<68	<63	<63	<63

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-LTW-03-041524	CAP3Q24-LTW-03-072924	CAP4Q24-LTW-03-101024	CAP1Q25-LTW-03-012925	CAP2Q25-LTW-03-041625	CAP3Q25-LTW-03-072425	CAP1Q23-LTW-04-021723	CAP2Q23-LTW-04-052323	CAP3Q23-LTW-04-071123	CAP4Q23-LTW-04-110223	CAP1Q24-LTW-04-011624	CAP2Q24-LTW-04-041024	CAP3Q24-LTW-04-072424	CAP4Q24-LTW-04-100924	CAP1Q25-LTW-04-012825	CAP2Q25-LTW-04-041625	CAP3Q25-LTW-04-072525
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	21-Feb-23	23-May-23	12-Jul-23	13-Nov-23	31-Jan-24	15-Apr-24	29-Jul-24	10-Oct-24	29-Jan-25	16-Apr-25	24-Jul-25	17-Feb-23	23-May-23	11-Jul-23	2-Nov-23	16-Jan-24	10-Apr-24	24-Jul-24	9-Oct-24	28-Jan-25	16-Apr-25	25-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<84	<84	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	<40	<86	<86	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<58	<58	<58	<58	<63	<63	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<180	<180	<180	<180	<180	<180	<180	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<310	<310	<310	<310	<160	<160	<160	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160	<160	<160
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	<2.0	<2.0	<2.0	<50	<50	<50	<50	<63	<63	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<160	<160	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<110	<110 UJ	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<54	<54	<54	<54	<63	<63	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<150	<150	<150	<150	<160	<160	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<25	<25	<25	<25	<63	<63	<63	<2.0	2.2	<2.0	<20	<25	<25	<25	<25	<63	<63	<63
Perfluorobutanoic Acid	130	120	130	120	<300	<300	<300	<300	<160	<160	<160	310	230	290	330	<300	380	320	<300	410	160	260
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	<40	<63	<63	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<39	<39	<39	<39	<63	<63	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<69	<69	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<24	<24	<24	<24	<63	<63	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	26	28	25	24	<31	<31	<31	<31	<63	<63	<63	66	52	60	60	68	53	58	42	64	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<63	<63	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<63	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<71	<71	<71	<71	<71	<71	<71	<2.0	3.3	<2.0	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	16	17	16	17	<73	<73	<73	<73	<73	<73	<73	35	33	34	<58	<73	<73	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<46	<46	<46	<46	<63	<63	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<34	<34	<34	<34	<63	<63	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<120 UJ	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<38	<38	<38	<38	<63	<63	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	600	690	750	610	560 J	640	640	490	560	470	600	1,200	1,100	1,400	1,200	1,100	1,300	1,200	1,100	1,600	640	1,000
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<91	<91	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<160	<160	<160	<160	<63	<63	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<140	<140	<140	<140	<63	<63	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63	<63	<63
PFOA	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<63	<63	<63	10	11	10	<85	<110	<110	<110	<110	<63	<63	<63
PFOS	<2.0	<2.0	<2.0	<2.0	<68	<68	<68	<68	<63	<63	<63	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<63	<63

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

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.

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

ng/L - nanograms per liter

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Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-LTW-05-041024	CAP3Q24-LTW-05-072524	CAP4Q24-LTW-05-100924	CAP1Q25-LTW-05-012725	CAP2Q25-LTW-05-041625	CAP3Q25-LTW-05-072825	CAP1Q23-OW-28-022023	CAP2Q23-OW-28-052523	CAP3Q23-OW-28-071123	CAP4Q23-OW-28-110223	CAP1Q24-OW-28-011824	CAP2Q24-OW-28-041624	CAP3Q24-OW-28-071824	CAP4Q24-OW-28-100824	CAP1Q25-OW-28-010925	CAP2Q25-OW-28-040325	CAP3Q25-OW-28-071725
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	10-Apr-24	25-Jul-24	9-Oct-24	27-Jan-25	16-Apr-25	28-Jul-25	20-Feb-23	25-May-23	11-Jul-23	2-Nov-23	18-Jan-24	16-Apr-24	18-Jul-24	8-Oct-24	9-Jan-25	3-Apr-25	17-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160	<160	<160	<5.0	<5.0	<5.0	<250	880	<310	<310	<310	<160	<160	<160 UJ
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63	<63	<63	<2.0	2	<2.0	<20	<25	<25	<25	<25	<63	<63	<63
Perfluorobutanoic Acid	230	170	170	270	420	340	320	<300	470	310	270	51	51	46	<240	<300	<300	<300	<300	<160	<160	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	210	200	210	250	310	260	270	140 J	250	190	210	7.2	7.3	6.5	<25	<31	<31	<31	<31	<63	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<63	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<63	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	<71	<71	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	38	52	43	66	99	110	<73	<73	91	<73	<73	9.9	12	9.1	<58	<73	<73	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<63	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	1,300	1,700	1,600	2,300	2,700	2,300	2,600	1,200 J	3,100	2,000	1,700	68	75	73	49	69	79	66	<61	72	<63	<63
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<63	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63	<63	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63	<63	<63
PFOA	4.1	4.1	2.1	<85	<110	<110	<110	<110	<63	<63	<63	4.3	4	3.3	<85	<110	<110	<110	<110	<63	<63	<63
PFOS	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<63	<63	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<63	<63

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
UJ - Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment 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	CAP2Q24-OW-33-041624	CAP3Q24-OW-33-071624	CAP4Q24-OW-33-100824	CAP1Q25-OW-33-010925	CAP2Q25-OW-33-041525	CAP3Q25-OW-33-071725	CAP1Q23-PIW-1D-021623	CAP2Q23-PIW-1D-052323	CAP3Q23-PIW-1D-080223	CAP4Q23-PIW-1D-110723	CAP1Q24-PIW-1D-012224	CAP2Q24-PIW-1D-041524	CAP3Q24-PIW-1D-072324	CAP4Q24-PIW-1D-100824	CAP1Q25-PIW-1D-012325	CAP2Q25-PIW-1D-040425	CAP3Q25-PIW-1D-071025
	Sample Date: 14-Feb-23	Sample Date: 18-May-23	Sample Date: 12-Jul-23	Sample Date: 2-Nov-23	Sample Date: 30-Jan-24	Sample Date: 16-Apr-24	Sample Date: 16-Jul-24	Sample Date: 8-Oct-24	Sample Date: 9-Jan-25	Sample Date: 15-Apr-25	Sample Date: 17-Jul-25	Sample Date: 16-Feb-23	Sample Date: 23-May-23	Sample Date: 2-Aug-23	Sample Date: 7-Nov-23	Sample Date: 22-Jan-24	Sample Date: 15-Apr-24	Sample Date: 23-Jul-24	Sample Date: 8-Oct-24	Sample Date: 23-Jan-25	Sample Date: 4-Apr-25	Sample Date: 10-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<2.0	<84	<84	<84	<84	<2.0	<2.0	<67	<67	<84	<84	<84	<84	<42	<84	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<2.0	<40	<86	<86	<86	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<43	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<2.0	<58	<63	<63	<63	<2.0	<2.0	<46	<46	<58	<58	<58	<58	<31	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<2.0	<30	<63	<63	<63	<2.0	<2.0	<24 UJ	<24	<30	<30	<30	<30	<31	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<2.0	<110	<110	<110	<110	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<53	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<4.0	<180	<180	<180	<180	<4.0	<4.0	<140	<140	<180	<180	<180	<180	<88	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<5.0	<310	<160	<160	<160 UJ	<5.0	<5.0	<250	<250	1,200	<310	<310	<310	<78	<160	<160
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<2.0	<30	<63	<63	<63	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31	<63	<63
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<2.0	<50	<63	<63	<63	<2.0	<2.0	<40	<40	<50	<50	<50	<50	<31	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<5.0	<160	<160	<160	<160	<5.0	<5.0	<130	<130	<160	<160	<160	<160	<78	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<2.0	<110	<110	<110	<110	<2.0	<2.0	<87 UJ	<87	<110	<110 UJ	<110	<110	<54	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<2.0	<54	<63	<63	<63	<2.0	<2.0	<43	<43	<54	<54	<54	<54	<31	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<5.0	<150	<160	<160	<160	<5.0	<5.0	<120	<120	<150	<150	<150	<150	<78	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<20	<25	<25	<2.0	<25	<63	<63	<63	<2.0	<2.0	<20	<20	<25	<25	<25	<25	<31	<63	<63
Perfluorobutanoic Acid	45	60 J	62	<240	<300	<300	62	<300	<160	<160	<160	83	59	<240	<240	<300	<300	<300	<300	88	<160	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<2.0	<40	<63	<63	<63	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<31	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<2.0	<39	<63	<63	<63	<2.0	<2.0	<31	<31	<39	<39	<39	<39	<31	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<2.0	<97	<97	<120	<120	<120	<120	<61	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<2.0	<69	<69	<69	<69	<2.0	<2.0	<55	<55	<69	<69	<69	<69	<34	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<2.0	<24	<63	<63	<63	<2.0	<2.0	<19	<19	<24	<24	<24	<24	<31	<63	<63
Perfluoroheptanoic Acid	5.6	7.6 J	7.1	<25	<31	<31	6.3	<31	<63	<63	<63	16	19	<25	<25	<31	<31	<31	<31	<31	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<2.0	<110	<63	<63	<63	<2.0	<2.0	<89	<89	<110	<110	<110	<110	<31	<63	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<57	<71	<71	<2.0	<71	<71	<71	<71	<2.0	<2.0	<57	<57	<71	<71	<71	<71	<36	<71	<71
Perfluorohexanoic Acid	7.8	10 J	10	<58	<73	<73	8.8	<73	<73	<73	<73	9.5	11	<58	<58	<73	<73	<73	<73	<36	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<2.0	<46	<63	<63	<63	<2.0	<2.0	<37	<37	<46	<46	<46	<46	<31	<63	<63
Perfluorononanoic Acid	<2.0	<2.0 UJ	<2.0	<27	<34	<34	<2.0	<34	<63	<63	<63	<2.0	<2.0	<27	<27	<34	<34	<34	<34	<31	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94 UJ	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<2.0	<94	<94	<120	<120	<120	<120	<59	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<2.0	<98	<98	<120	<120	<120	<120	<61	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<2.0	<38	<63	<63	<63	<2.0	<2.0	<30	<30	<38	<38	<38	<38	<31	<63	<63
Perfluoropentanoic Acid	93	120 J	130	140	120 J	130	110	130	140	100	150	150	140	160	150	150	150	160	<61	140	140	120
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<2.0	<91	<91	<91	<91	<2.0	<2.0	<73	<73	<91	<91	<91	<91	<46	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<2.0	<160	<63	<63	<63	<2.0	<2.0	<130	<130	<160	<160	<160	<160	<31	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<2.0	<140	<63	<63	<63	<2.0	<2.0	<110	<110	<140	<140	<140	<140	<31	<63	<63
PFOA	<2.0	2.2 J	<2.0	<85	<110	<110	<2.0	<110	<63	<63	<63	18	19	<85	<85	<110	<110	<110	<110	<31	<63	<63
PFOS	<2.0	<2.0 UJ	<2.0	<54	<68	<68	<2.0	<68	<63	<63	<63	<2.0	<2.0	<54	<54	<68	<68	<68	<68	<31	<63	<63

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
 Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
 Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)																					
	PIW-1S											PIW-3D										
	CAPIQ23-PIW-1S-021623	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	Not Sampled in 4Q 2023 (Dry)	CAPIQ24-PIW-1S-011624	Not Sampled in 2Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	CAP4Q24-PIW-1S-100824	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 2Q 2025 (Dry)	CAP3Q25-PIW-1S-072125	CAPIQ23-PIW-3D-021623	CAP2Q23-PIW-3D-051723	CAP3Q23-PIW-3D-071323	CAP4Q23-PIW-3D-110323	CAPIQ24-PIW-3D-011824	CAP2Q24-PIW-3D-041524	CAP3Q24-PIW-3D-072324	CAP4Q24-PIW-3D-100824	CAPIQ25-PIW-3D-011625	CAP2Q25-PIW-3D-040425	CAP3Q25-PIW-3D-071525
	Sample Date: 16-Feb-23				Sample Date: 16-Jan-24			Sample Date: 8-Oct-24			Sample Date: 21-Jul-25	Sample Date: 16-Feb-23	Sample Date: 17-May-23	Sample Date: 13-Jul-23	Sample Date: 3-Nov-23	Sample Date: 18-Jan-24	Sample Date: 15-Apr-24	Sample Date: 23-Jul-24	Sample Date: 8-Oct-24	Sample Date: 16-Jan-25	Sample Date: 4-Apr-25	Sample Date: 15-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	--	--	--	<84	--	--	<84	--	--	<2	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	--	--	--	<40	--	--	<40	--	--	<2	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	--	--	--	<58	--	--	<58	--	--	<2	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	--	--	--	<30	--	--	<30	--	--	<2	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	--	--	--	<110	--	--	<110	--	--	<2	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	--	--	--	<180	--	--	<180	--	--	<4	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	--	--	--	<310	--	--	<310	--	--	<5	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160	<160	<160
9Cl-PF3ONS	<2.0	--	--	--	<30	--	--	<30	--	--	<2	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	--	--	--	<50	--	--	<50	--	--	<2	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<160	--	--	<160	--	--	<5	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	--	--	--	<110	--	--	<110	--	--	<2	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	--	--	--	<54	--	--	<54	--	--	<2	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<150	--	--	<150	--	--	<5	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	--	--	--	<25	--	--	<25	--	--	6.4	2.2	2.1 J	2.3	<20	<25	<25	<25	<25	<63	<63	<63
Perfluorobutanoic Acid	51	--	--	--	<300	--	--	<300	--	--	10	110	73 J	79	<240	<300	<300	<300	<300	<160	300	<160
Perfluorodecane Sulfonic Acid	<2.0	--	--	--	<40	--	--	<40	--	--	<2	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	--	--	--	<39	--	--	<39	--	--	<2	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	--	--	--	<120	--	--	<120	--	--	<2	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	--	--	--	<69	--	--	<69	--	--	<2	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	--	--	--	<24	--	--	<24	--	--	<2	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	18	--	--	--	<31	--	--	<31	--	--	12	32	32 J	33	49	44	<31	<31	<31	<63	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	--	--	--	<110	--	--	<110	--	--	<2	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<63	<63	<63
Perfluorohexane Sulfonic Acid	8.6	--	--	--	<71	--	--	<71	--	--	12	3.4	3.5 J	3.7	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	7.7	--	--	--	<73	--	--	<73	--	--	4.3	15	14 J	16	<58	<73	<73	<73	<73	<73	<73	<73
Perfluoronanesulfonic Acid	<2.0	--	--	--	<46	--	--	<46	--	--	<2	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluoronanoic Acid	4.1	--	--	--	<34	--	--	<34	--	--	<2	5.2	4.8 J	5	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	--	--	--	<120	--	--	<120	--	--	<2	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	--	--	--	<120	--	--	<120	--	--	<2	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	--	--	--	<38	--	--	<38	--	--	<2	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	78	--	--	--	<61	--	--	<61	--	--	15	150	150 J	150	190	250	210	220	210	250	220	250
Perfluorotetradecanoic Acid	<2.0	--	--	--	<91	--	--	<91	--	--	<2	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	--	--	--	<160	--	--	<160	--	--	<2	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63	<63	<63
Perfluoroundecanoic Acid	<2.0	--	--	--	<140	--	--	<140	--	--	<2	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63	<63	<63
PFOA	69	--	--	--	<110	--	--	<110	--	--	88	44	43 J	42	<85	<110	<110	<110	<110	<63	<63	<63
PFOS	22	--	--	--	<68	--	--	<68	--	--	9.2 J	15	14 J	14	<54	<68	<68	<68	<68	<63	<63	<63

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
 Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
 Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
 J - Analyte detected. Reported value may not be accurate or precise.
 ng/L - nanograms per liter
 SOP - standard operating procedure
 UJ - Analyte not detected. Reporting limit may not be accurate or precise.
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)																					
	PIW-7D											PIW-7S										
	CAP1Q23-PIW-7D-021523	CAP2Q23-PIW-7D-052223	CAP3Q23-PIW-7D-071123	CAP4Q23-PIW-7D-110223	CAP1Q24-PIW-7D-011524	CAP2Q24-PIW-7D-041524	CAP3Q24-PIW-7D-072324	CAP4Q24-PIW-7D-101024	CAP1Q25-PIW-7D-010925	CAP2Q25-PIW-7D-041625	CAP3Q25-PIW-7D-072825	CAP1Q23-PIW-7S-021523	CAP2Q23-PIW-7S-052223	CAP3Q23-PIW-7S-071123	CAP4Q23-PIW-7S-110223	CAP1Q24-PIW-7S-011524	CAP2Q24-PIW-7S-041024	CAP3Q24-PIW-7S-072424	CAP4Q24-PIW-7S-100924	CAP1Q25-PIW-7S-011525	CAP2Q25-PIW-7S-041625	CAP3Q25-PIW-7S-071725
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	15-Apr-24	23-Jul-24	10-Oct-24	9-Jan-25	16-Apr-25	28-Jul-25	15-Feb-23	22-May-23	11-Jul-23	2-Nov-23	15-Jan-24	10-Apr-24	24-Jul-24	9-Oct-24	15-Jan-25	16-Apr-25	17-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	13,000	<310	<310	<160	<160	<160	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160	<160	<160 UJ
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63	<63	<63	3.6	2.8	2.5	<20	<25	<25	<25	<25	<63	<63	<63
Perfluorobutanoic Acid	290	150	160	<240	<300	<300	<300	<300	260	190	240	210	120	100	<240	<300	<300	<300	<300	<160	<160	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	140	81	85	97	100	110	70	35	70	<63	76	71	52	41	61	88	73	<31	<63	<63	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<63	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<63	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	<71	<71	4.1	3.5	3	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	49	33	30	<58	<73	75 J	<73	<73	<73	<73	<73	30	26	19	<58	<73	74	<73	<73	<73	<73	<73
Perfluoronanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluoronanoic Acid	<2.0	<2.0	<2.0	<27	<34	2,100	<34	<34	<63	<63	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	1,500	1,300	1,400	1,500	1,300	1,400	1,300	720	1,500	960	1,400	630	530	470	620	580	1,300	580	250	580	410	430
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<63	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	530	<140	<140	<63	<63	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63	<63	<63
PFOA	4.5	2.9	2	<85	<110	<110	<110	<110	<63	<63	<63	17	14	9.6	<85	<110	<110	<110	<110	<63	<63	87 J
PFOS	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<63	<63	6.4 J	5.4 J	<2.0	<54	<68	<68	<68	<68	<63	<63	<63

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)																					
	PW-04											PZ-22										
	CAPIQ23-PW-04-022323	CAP2Q23-PW-04-052523	CAP3Q23-PW-04-072823	CAP4Q23-PW-04-110923	CAPIQ24-PW-04-011724	CAP2Q24-PW-04-042324	CAP3Q24-PW-04-072624	CAP4Q24-PW-04-100724	CAPIQ25-PW-04-012325	CAP2Q25-PW-04-041125	CAP3Q25-PW-04-071725	CAPIQ23-PZ-22-022023	CAP2Q23-PZ-22-052323	CAP3Q-PZ-22-071123	CAP4Q23-PZ-22-110223	CAPIQ24-PZ-22-011624	CAP2Q24-PZ-22-041624	CAP3Q24-PZ-22-072524	CAP4Q24-PZ-22-100924	CAPIQ25-PZ-22-012825	CAP2Q25-PZ-22-041625	CAP3Q25-PZ-22-072925
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	23-Feb-23	25-May-23	28-Jul-23	9-Nov-23	17-Jan-24	23-Apr-24	26-Jul-24	7-Oct-24	23-Jan-25	11-Apr-25		20-Feb-23	23-May-23	11-Jul-23	2-Nov-23	16-Jan-24	16-Apr-24	25-Jul-24	9-Oct-24	28-Jan-25	16-Apr-25	29-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<67	<67	<84	<84	<84	<84	<42	<84	<2	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<43	<86	<2	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<86	<86
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	<2.0	<2.0	<46	<46	<58	<58	<58	<58	<31	<63	<2	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<63	<63
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31	<63	<2	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<53	<110	<2	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<140	<140	<180	<180	<180	<180	<88	<180	<4	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<250	<250	<310	<310	<310	<310	<78	<160	<5	<5.0	<5.0	<5.0	<250	<310 UJ	<310	<310	<310	<160	<160	<160
9Cl-PF3ONS	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31	<63	<2	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<63	<63
DONA	<2.0	<2.0	<40	<40	<50	<50	<50	<50	<31	<63	<2	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<130	<130	<160	<160	<160	<160	<78	<160	<5	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<87	<87	<110	<110	<110	<110	<54	<110	<2	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<43	<43	<54	<54	<54	<54	<31	<63	<2	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<120	<120	<150	<150	<150	<150	<78	<160	<5	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	32	<20	<25	<25	<25	<25	<31	<63	<2	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63	<63	<63
Perfluorobutanoic Acid	8.3	10	<240	<240	<300	<300	<300	<300	<78	<160	11	120	110	120	<240	<300	<300	<300	<300	<160	<160	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<31	<63	<2	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0	<31	<31	<39	<39	<39	<39	<31	<63	<2	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<97	<97	<120	<120	<120	<120	<97	<120	<2	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<55	<55	<69	<69	<69	<69	<34	<69	<2	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<19	<19	<24	<24	<24	<24	<31	<63	<2	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<63	<63
Perfluoroheptanoic Acid	6.6	8.8	<25	<25	<31	<31	<31	<31	<31	<63	6.2	20	34	30	31	36	39	45	<31	<63	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<89	<89	<110	<110	<110	<110	<89	<63	<2	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<110	<110	<110
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<57	<57	<71	<71	<71	<71	<36	<71	<2	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	2.7	3.5	<58	<58	<73	<73	<73	<73	<36	<73	<2	17	19	18	<58	<73	<73	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<37	<37	<46	<46	<46	<46	<31	<63	<2	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<63	<63
Perfluorononanoic Acid	<2.0	<2.0	<27	<27	<34	<34	<34	<34	<31	<63	<2	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<94	<94	<120	<120	<120	<120	<59	<120	<2	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<98	<98	<120	<120	<120	<120	<61	<120	<2	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<30	<30	<38	<38	<38	<38	<31	<63	<2	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<63	<63
Perfluoropentanoic Acid	18	21	<49	<49	<61	<61	<61	<61	<31	<63	12	820	930	1,100	1,100	880	970	870	520	840	970	960
Perfluorotetradecanoic Acid	<2.0	<2.0	<73	<73	<91	<91	<91	<91	<46	<91	<2	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<130	<130	<160	<160	<160	<160	<31	<63	<2	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<160	<160	<160
Perfluoroundecanoic Acid	<2.0	<2.0	<110	<110	<140	<140	<140	<140	<31	<63	<2	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<140	<140	<140
PFOA	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<31	<63	<2	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<63	<63	<63
PFOS	<2.0	<2.0	<54	<54	<68	<68	<68	<68	<31	<63	<2	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<63	<63

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
UJ - Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Mass Loading Assessment Sampling Program (Quarterly)											Performance Monitoring Plan Sampling Program (Semi-Annually)										
	SMW-12											OW-4R					OW-30					
	CAP1Q23-SMW-12-022323	CAP2Q23-SMW-12-051723	CAP3Q23-SMW-12-071823	CAP4Q23-SMW-12-110823	CAP1Q24-SMW-12-011624	CAP2Q24-SMW-12-041024	CAP3Q24-SMW-12-071624	CAP4Q24-SMW-12-101024	CAP1Q25-SMW-12-012425	CAP2Q25-SMW-12-041025	CAP3Q25-SMW-12-071725	CAP3Q23-OW-4R-080423	CAP1Q24-OW-4R-012924	CAP3Q24-OW-4R-072424	CAP1Q25-OW-4R-012725	CAP3Q25-OW-4R-072325	CAP1Q23-OW-30-021523	CAP3Q23-OW-30-071323	CAP1Q24-OW-30-013024	CAP3Q24-OW-30-071624	CAP1Q25-OW-30-012325	CAP3Q25-OW-30-071825
Sample Date: 23-Feb-23	Sample Date: 17-May-23	Sample Date: 18-Jul-23	Sample Date: 8-Nov-23	Sample Date: 16-Jan-24	Sample Date: 10-Apr-24	Sample Date: 16-Jul-24	Sample Date: 10-Oct-24	Sample Date: 24-Jan-25	Sample Date: 10-Apr-25	Sample Date: 17-Jul-25	Sample Date: 4-Aug-23	Sample Date: 29-Jan-24	Sample Date: 24-Jul-24	Sample Date: 27-Jan-25	Sample Date: 23-Jul-25	Sample Date: 15-Feb-23	Sample Date: 13-Jul-23	Sample Date: 30-Jan-24	Sample Date: 16-Jul-24	Sample Date: 23-Jan-25	Sample Date: 18-Jul-25	
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<61	<67	<84	<84	<84	<84	<42	<84	<84	<67	<84	<84	<42	<84	<2.0	<2.0	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<29	<32	<40	<40	<40	<40	<43	<86	<86	<32	<40	<40	<43	<86	<2.0	<2.0	<40	<40	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<42	<46	<58	<58	<58	<58	<31	<63	<63	<46	<58	<58	<31	<63	<2.0	<2.0	<58	<58	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<22	<24	<30	<30	<30	<30	<31	<63	<63	<24	<30	<30	<31	<63	<2.0	<2.0	<30	<30	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<77	<85	<110	<110	<110	<110	<53	<110	<110	<85	<110	<110	<53	<110	<2.0	<2.0	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<130	<140	<180	<180	<180	<180	<88	<180	<180	<140	<180	<180	<88	<180	<4.0	<4.0	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<2.0 UJ	<230	<250	<310	<310	<310	<310	<78	<160	<160 UJ	<250	<310	<310	<78	<160	<5.0	<5.0	<310	<310	<160	<160 UJ
9Cl-PF3ONS	<2.0	<2.0 UJ	<22	<24	<30	<30	<30	<30	<31	<63	<63	<24	<30	<30	<31	<63	<2.0	<2.0	<30	<30	<63	<63
DONA	<2.0	<2.0 UJ	<36	<40	<50	<50	<50	<50	<31	<63	<63	<40	<50	<50	<31	<63	<2.0	<2.0	<50	<50	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<120	<130	<160	<160	<160	<160	<78	<160	<160	<130	<160	<160	<78	<160	<5.0	<5.0	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<79	<87	<110	<110 UJ	<110	<110	<54	<110	<110	<87	<110	<110	<54	<110	<2.0	<2.0	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<39	<43	<54	<54	<54	<54	<31	<63	<63	<43	<54	<54	<31	<63	<2.0	<2.0	<54	<54	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<110	<120	<150	<150	<150	<150	<78	<160	<160	<120	<150	<150	<78	<160	<5.0	<5.0	<150	<150	<160	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<18	<20	<25	<25	<25	<25	<31	<63	<63	<20	<25	<25	<31	<63	<2.0	<2.0	<25	<25	<63	<63
Perfluorobutanoic Acid	19	25 J	<220	<240	<300	<300	<300	<300	<78	<160	<160	<240	<300	<300	170	160	150	95	<300	<300	<160	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<29	<32	<40	<40	<40	<40	<31	<63	<63	<32	<40	<40	<31	<63	<2.0	<2.0	<40	<40	<63	<63
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<28	<31	<39	<39	<39	<39	<31	<63	<63	<31	<39	<39	<31	<63	<2.0	<2.0	<39	<39	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<88	<97	<120	<120	<120	<120	<61	<120	<120	<97	<120	<120	<61	<120	<2.0	<2.0	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<50	<55	<69	<69	<69	<69	<34	<69	<69	<55	<69	<69	<34	<69	<2.0	<2.0	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<17	<19	<24	<24	<24	<24	<31	<63	<63	<19	<24	<24	<31	<63	<2.0	<2.0	<24	<24	<63	<63
Perfluoroheptanoic Acid	<2.0	<2.0 UJ	<23	<25	<31	<31	<31	<31	<31	<63	<63	90	77	70	77	73	12	7	<31	<31	<63	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<81	<89	<110	<110	<110	<110	<31	<63	<63	<89	<110	<110	<31	<63	<2.0	<2.0	<110	<110	<63	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<52	<57	<71	<71	<71	<71	<36	<71	<71	<57	<71	<71	<36	<71	<2.0	<2.0	<71	<71	<71	<71 UJ
Perfluorohexanoic Acid	<2.0	2.5 J	<53	<58	<73	<73	<73	<73	<36	<73	<73	<58	<73	<73	36	<73	16	13	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<34	<37	<46	<46	<46	<46	<31	<63	<63	<37	<46	<46	<31	<63	<2.0	<2.0	<46	<46	<63	<63
Perfluorononanoic Acid	<2.0	<2.0 UJ	<25	<27	<34	<34	<34	<34	<31	<63	<63	<27	<34	<34	<31	<63	<2.0	<2.0	<34	<34	<63	<63
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<86	<94	<120	<120	<120	<120	<59	<120	<120	<94	<120	<120	<59	<120	<2.0	<2.0	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<89	<98	<120	<120	<120	<120	<61	<120	<120	<98	<120	<120	<61	<120	<2.0	<2.0	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<27	<30	<38	<38	<38	<38	<31	<63	<63	<30	<38	<38	<31	<63	<2.0	<2.0	<38	<38	<63	<63
Perfluoropentanoic Acid	43	62 J	73	92	83	99	88	89	87	140	98	480	390	400	440	420	530	340	460 J	560	510	460
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<67	<73	<91	<91	<91	<91	<46	<91	<91	<73	<91	<91	<46	<91	<2.0	<2.0	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<120	<130	<160	<160	<160	<160	<31	<63	<63	<130	<160	<160	<31	<63	<2.0	<2.0	<160	<160	<63	<63
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<100	<110	<140	<140	<140	<140	<31	<63	<63	<110	<140	<140	<31	<63	<2.0	<2.0	<140	<140	<63	<63
PFOA	<2.0	<2.0 UJ	<77	<85	<110	<110	<110	<110	<31	<63	<63	<85	<110	<110	<31	<63	<2.0	<2.0	<110	<110	<63	63 J
PFOS	<2.0	17 J	<49	<54	<68	<68	<68	<68	<31	<63	<63	<54	<68	<68	<31	<63	<2.0	<2.0	<68	<68	<63	<63 UJ

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
SOP - standard operating procedure
UJ - Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)															
	OW-32					OW-37					OW-40					
	CAP3Q23-OW-32-090823	CAP1Q24-OW-32-012924	CAP3Q24-OW-32-071824	CAP1Q25-OW-32-012325	CAP3Q25-OW-32-071625	CAP3Q23-OW-37-081023	CAP1Q24-OW-37-011724	CAP3Q24-OW-37-071824	CAP1Q25-OW-37-011725	CAP3Q25-OW-37-072125-D	CAP1Q23-OW-40-021523	CAP3Q23-OW-40-071323	CAP1Q24-OW-40-013024	CAP3Q24-OW-40-071624	CAP1Q25-OW-40-012125	CAP3Q25-OW-40-071725
	Sample Date: 8-Sep-23	Sample Date: 29-Jan-24	Sample Date: 18-Jul-24	Sample Date: 23-Jan-25	Sample Date: 16-Jul-25	Sample Date: 10-Aug-23	Sample Date: 17-Jan-24	Sample Date: 18-Jul-24	Sample Date: 17-Jan-25	Sample Date: 21-Jul-25	Sample Date: 15-Feb-23	Sample Date: 13-Jul-23	Sample Date: 30-Jan-24	Sample Date: 16-Jul-24	Sample Date: 21-Jan-25	Sample Date: 17-Jul-25
10:2 Fluorotelomer sulfonate	<67	<84	<84	<84	<84	<67 UJ	<84	<84	<42 UJ	<84	<2.0	<2.0	<84	<2.0	<84	
11Cl-PF3OUdS	<32	<40	<40	<86	<86	<32 UJ	<40	<40	<43 UJ	<86	<2.0	<2.0	<40	<2.0	<86	
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<58	<63	<63	<46 UJ	<58	<58	<31 UJ	<63	<2.0	<2.0	<58	<2.0	<63	
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<30	<63	<63	<24 UJ	<30	<30	<31 UJ	<63	<2.0	<2.0	<30	<2.0	<63	
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<110	<110	<110	<85 UJ	<110	<110	<53 UJ	<110	<2.0	<2.0	<110	<2.0	<110	
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<180	<180	<180	<140 UJ	<180	<180	<88 UJ	<180	<4.0	<4.0	<180	<4.0	<180	
6:2 Fluorotelomer sulfonate	<250	<310	<310	<160	<160	<250 UJ	<310	<310	<78 UJ	<160	<5.0	<5.0	<310	<5.0	<160 UJ	
9Cl-PF3ONS	<24	<30	<30	<63	<63	<24 UJ	<30	<30	<31 UJ	<63	<2.0	<2.0	<30	<2.0	<63	
DONA	<40	<50	<50	<63	<63	<40 UJ	<50	<50	<31 UJ	<63	<2.0	<2.0	<50	<2.0	<63	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<160	<160	<160	<130 UJ	<160	<160	<78 UJ	<160	<5.0	<5.0	<160	<5.0	<160	
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<110	<110	<110	<87 UJ	<110	<110	<54 UJ	<110	<2.0	<2.0	<110	<2.0	<110	
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<54	<63	<63	<43 UJ	<54	<54	<31 UJ	<63	<2.0	<2.0	<54	<2.0	<63	
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<150	<160	<160	<120 UJ	<150	<150	<78 UJ	<160	<5.0	<5.0	<150	<5.0	<160	
Perfluorobutane Sulfonic Acid	<20	<25	<25	<63	<63	<20 UJ	<25	<25	<31 UJ	<63	<2.0	<2.0	<25	<2.0	<63	
Perfluorobutanoic Acid	<240	<300	<300	<160	<160	<240 UJ	<300	<300	110 J	<160	60	43	<300	57	<160	
Perfluorodecane Sulfonic Acid	<32	<40	<40	<63	<63	<32 UJ	<40	<40	<31 UJ	<63	<2.0	<2.0	<40	<2.0	<63	
Perfluorodecanoic Acid	<31	<39	<39	<63	<63	<31 UJ	<39	<39	<31 UJ	<63	<2.0	<2.0	<39	<2.0	<63	
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<120	<120	<120	<97 UJ	<120	<120	<61 UJ	<120	<2.0	<2.0	<120	<2.0	<120	
Perfluorododecanoic Acid	<55	<69	<69	<69	<69	<55 UJ	<69	<69	<34 UJ	<69	<2.0	<2.0	<69	<2.0	<69	
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<24	<63	<63	<19 UJ	<24	<24	<31 UJ	<63	<2.0	<2.0	<24	<2.0	<63	
Perfluoroheptanoic Acid	<25	<31	<31	<63	<63	<25 UJ	<31	31	42 J	67	16	18	<31	14	<63	
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<110	<63	<63	<89 UJ	<110	<110	<31 UJ	<63	<2.0	<2.0	<110	<2.0	<63	
Perfluorohexane Sulfonic Acid	<57	<71	<71	<71	<71	<57 UJ	<71	<71	<36 UJ	<71	<2.0	<2.0	<71	<2.0	<71	
Perfluorohexanoic Acid	<58	<73	<73	<73	<73	<58 UJ	<73	<73	<36 UJ	<73	11	11	<73	8.4	<73	
Perfluorononanesulfonic Acid	<37	<46	<46	<63	<63	<37 UJ	<46	<46	<31 UJ	<63	<2.0	<2.0	<46	<2.0	<63	
Perfluorononanoic Acid	<27	<34 UJ	<34	<63	<63	<27 UJ	<34	<34	<31 UJ	<63	<2.0	<2.0	<34	<2.0	<63	
Perfluorooctadecanoic Acid	<94	<120	<120	<120	<120	<94 UJ	<120	<120	<59 UJ	<120	<2.0	<2.0	<120	<2.0	<120	
Perfluorooctane Sulfonamide	<98	<120	<120	<120	<120	<98 UJ	<120	<120	<61 UJ	<120	<2.0	<2.0	<120	<2.0	<120	
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<38	<63	<63	<30 UJ	<38	<38	<31 UJ	<63	<2.0	<2.0	<38	<2.0	<63	
Perfluoropentanoic Acid	<49	120	190	150	160	55 J	<61	130	360 J	380	120	74	75 J	90	210	
Perfluorotetradecanoic Acid	<73	<91	<91	<91	<91	<73 UJ	<91	<91	<46 UJ	<91	<2.0	<2.0	<91	<2.0	<91	
Perfluorotridecanoic Acid	<130	<160	<160	<63	<63	<130 UJ	<160	<160	<31 UJ	<63	<2.0	<2.0	<160	<2.0	<63	
Perfluoroundecanoic Acid	<110	<140	<140	<63	<63	<110 UJ	<140	<140	<31 UJ	<63	<2.0	<2.0	<140	<2.0	<63	
PFOA	<85	<110	<110	<63	<63	<85 UJ	<110	<110	49 J	<63	2.3	<2.0	<110	<2.0	<63	
PFOS	<54	<68	<68	<63	<63	<54 UJ	<68	<68	<31 UJ	<63	<2.0	<2.0	<68	<2.0	<63	

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
 Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
 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
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Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																
	OW-51					OW-54					OW-55						
	CAP3Q23-OW-51-080323	CAP1Q24-OW-51-013124	CAP3Q24-OW-51-073024	CAP1Q25-OW-51-012725	CAP3Q25-OW-51-073025	CAP1Q23-OW-54-021623	Not Sampled in 3Q 2023 (Dry)	CAP1Q24-OW-54-020624	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	CAP3Q25-OW-54-072225	CAP1Q23-OW-55-021623	CAP3Q23-OW-55-072523	CAP1Q24-OW-55-020524	CAP3Q24-OW-55-071824	CAP1Q25-OW-55-012325	CAP3Q25-OW-55-071025
	Sample Date: 3-Aug-23	Sample Date: 31-Jan-24	Sample Date: 30-Jul-24	Sample Date: 27-Jan-25	Sample Date: 30-Jul-25	Sample Date: 16-Feb-23		Sample Date: 6-Feb-24			Sample Date: 22-Feb-25	Sample Date: 16-Feb-23	Sample Date: 25-Jul-23	Sample Date: 5-Feb-24	Sample Date: 18-Jul-24	Sample Date: 23-Jan-25	Sample Date: 10-Jul-25
10:2 Fluorotelomer sulfonate	<67	<84	<84	<84	<84	<2.0	--	<84	--	--	<84	<2.0	<67	<84	<84	<84	
11Cl-PF3OUdS	<32	<40	<40	<86	<86	<2.0	--	<40	--	--	<86	<2.0	<32	<40	<40	<86	
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<58	<63	<63	<2.0	--	<58	--	--	<63	<2.0	<46	<58	<58	<63	
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<30	<63	<63	<2.0	--	<30	--	--	<63	<2.0	<24	<30	<30	<63	
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<110	<110	<110	<2.0	--	<110	--	--	<110	<2.0	<85	<110	<110	<110	
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<180	<180	<180	<4.0	--	<180	--	--	<180	<4.0	<140	<180	<180	<180	
6:2 Fluorotelomer sulfonate	<250	<310	<310	<160	<160	<5.0	--	<310	--	--	<160	<5.0	<250	<310	<310	<160	
9Cl-PF3ONS	<24	<30	<30	<63	<63	<2.0	--	<30	--	--	<63	<2.0	<24	<30	<30	<63	
DONA	<40	<50	<50	<63	<63	<2.0	--	<50	--	--	<63	<2.0	<40	<50	<50	<63	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<160	<160	<160	<5.0	--	<160	--	--	<160	<5.0	<130	<160	<160	<160	
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<110	<110	<110	<2.0	--	<110	--	--	<110	<2.0	<87	<110	<110	<110	
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<54	<63	<63	<2.0	--	<54	--	--	<63	<2.0	<43	<54	<54	<63	
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<150	<160	<160	<5.0	--	<150	--	--	<160	<5.0	<120	<150	<150	<160	
Perfluorobutane Sulfonic Acid	<20	<25	<25	<63	<63	2.3	--	<25	--	--	<63	<2.0	<20	<25	<25	<63	
Perfluorobutanoic Acid	530	<300	<300	220 J	180	23	--	<300	--	--	<160	18	<240	<300	<300	<160	
Perfluorodecane Sulfonic Acid	<32	<40	<40	<63	<63	<2.0	--	<40	--	--	<63	<2.0	<32	<40	<40	<63	
Perfluorodecanoic Acid	<31	<39	<39	<63	<63	<2.0	--	<39	--	--	<63	<2.0	<31	<39	<39	<63	
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<120	<120	<120	<2.0	--	<120	--	--	<120	<2.0	<97	<120	<120	<120	
Perfluorododecanoic Acid	<55	<69	<69	<69	<69	<2.0	--	<69	--	--	<69	<2.0	<55	<69	<69	<69	
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<24	<63	<63	<2.0	--	<24	--	--	<63	<2.0	<19	<24	<24	<63	
Perfluoroheptanoic Acid	400	200 J	120	120	120	9.3	--	<31	--	--	<63	<2.0	<25	<31	<31	<63	
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<110	<63	<63	<2.0	--	<110	--	--	<63	<2.0	<89	<110	<110	<63	
Perfluorohexane Sulfonic Acid	<57	<71	<71	<71	<71	<2.0	--	<71	--	--	<71	<2.0	<57	<71	<71	<71	
Perfluorohexanoic Acid	140	<73	<73	<73	<73	5.3	--	<73	--	--	<73	2.6	<58	<73	<73	<73	
Perfluorononanesulfonic Acid	<37	<46	<46	<63	<63	<2.0	--	<46	--	--	<63	<2.0	<37	<46	<46	<63	
Perfluorononanoic Acid	<27	<34	<34	<63	<63	<2.0	--	<34	--	--	<63	<2.0	<27	<34	<34	<63	
Perfluorooctadecanoic Acid	<94	<120	<120	<120	<120	<2.0	--	<120	--	--	<120	<2.0	<94	<120	<120	<120	
Perfluorooctane Sulfonamide	<98	<120	<120	<120	<120	<2.0	--	<120	--	--	<120	<2.0	<98	<120	<120	<120	
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<38	<63	<63	<2.0	--	<38	--	--	<63	<2.0	<30	<38	<38	<63	
Perfluoropentanoic Acid	2,700	1,400 J	880	820	740	40	--	<61	--	--	<63	27	<49	<61	<61	<63	
Perfluorotetradecanoic Acid	<73	<91	<91	<91	<91	<2.0	--	<91	--	--	<91	<2.0	<73	<91	<91	<91	
Perfluorotridecanoic Acid	<130	<160	<160	<63	<63	<2.0	--	<160	--	--	<63	<2.0	<130	<160	<160	<63	
Perfluoroundecanoic Acid	<110	<140	<140	<63	<63	<2.0	--	<140	--	--	<63	<2.0	<110	<140	<140	<63	
PFOA	<85	<110	<110	<63	<63	17	--	<110	--	--	<63	<2.0	<85	<110	<110	<63	
PFOS	<54	<68	<68	<63	<63	<2.0	--	<68	--	--	<63	<2.0	<54	<68	<68	<63	

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																						
	OW-56						OW-57						PIW-4D						PIW-5SR				
	CAP1Q23-OW-56-022123	CAP3Q23-OW-56-073123	CAP1Q24-OW-56-020124	CAP3Q24-OW-56-072324	CAP1Q25-OW-56-012025	CAP3Q25-OW-56-071625	CAP1Q23-OW-57-021523	CAP3Q23-OW-57-073123	CAP1Q24-OW-57-020624	CAP3Q24-OW-57-072524	CAP1Q25-OW-57-012925	CAP3Q25-OW-57-072325	CAP3Q23-PIW-4D-071323	CAP1Q24-PIW-4D-012224	CAP3Q24-PIW-4D-072324	CAP1Q25-PIW-4D-041525	CAP3Q25-PIW-4D-072225	CAP3Q23-PIW-5SR-080423	Not Sampled in 1Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 3Q 2025 (Dry)	
Sample Date: 21-Feb-23	Sample Date: 31-Jul-23	Sample Date: 1-Feb-24	Sample Date: 23-Jul-24	Sample Date: 20-Jan-25	Sample Date: 16-Jul-25	Sample Date: 15-Feb-23	Sample Date: 31-Jul-23	Sample Date: 6-Feb-24	Sample Date: 25-Jul-24	Sample Date: 29-Jan-25	Sample Date: 23-Jul-25	Sample Date: 13-Jul-23	Sample Date: 22-Jan-24	Sample Date: 23-Jul-24	Sample Date: 15-Apr-25	Sample Date: 22-Jul-25	Sample Date: 4-Aug-23						
10:2 Fluorotelomer sulfonate	<2.0	<67	<84	<84	<84 UJ	<84	<2.0	<67	<84	<84	<84	<84	<2.0	<2.0	<84	<84	<84	<67	--	--	--	--	
11Cl-PF3OUdS	<2.0	<32	<40	<40	<86 UJ	<86	<2.0	<32	<40	<40	<86	<86	<2.0	<2.0	<40	<86	<86	<32	--	--	--	--	
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<46	<58	<58	<63 UJ	<63	<2.0	<46	<58	<58	<63	<63	<2.0	<2.0	<58	<63	<63	<46	--	--	--	--	
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<24	<30	<30	<63 UJ	<63	<2.0	<24	<30	<30	<63	<63	<2.0	<2.0	<30	<63	<63	<24	--	--	--	--	
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<85	<110	<110	<110 UJ	<110	<2.0	<85	<110	<110	<110	<110	<2.0	<2.0	<110	<110	<110	<85	--	--	--	--	
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<140	<180	<180	<180 UJ	<180	<4.0	<140	<180	<180	<180	<180	<4.0	<4.0	<180	<180	<180	<140	--	--	--	--	
6:2 Fluorotelomer sulfonate	<5.0	<250	<310	<310	<160 UJ	<160	<5.0	<250	<310	<160	<160	<160	<5.0	<5.0	<310	<160	<160	<250	--	--	--	--	
9Cl-PF3ONS	<2.0	<24	<30	<30	<63 UJ	<63	<2.0	<24	<30	<30	<63	<63	<2.0	<2.0	<30	<63	<63	<24	--	--	--	--	
DONA	<2.0	<40	<50	<50	<63 UJ	<63	<2.0	<40	<50	<50	<63	<63	<2.0	<2.0	<50	<63	<63	<40	--	--	--	--	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<130	<160	<160	<160 UJ	<160	<5.0	<130	<160	<160	<160	<160	<5.0	<5.0	<160	<160	<160	<130	--	--	--	--	
N-ethylperfluoro-1-octanesulfonamide	<2.0	<87	<110	<110	<110 UJ	<110	<2.0	<87	<110	<110	<110	<110	<2.0	<2.0	<110	<110	<110	<87	--	--	--	--	
N-methyl perfluoro-1-octanesulfonamide	<2.0	<43	<54	<54	<63 UJ	<63	<2.0	<43	<54	<54	<63	<63	<2.0	<2.0	<54	<63	<63	<43	--	--	--	--	
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<120	<150	<150	<160 UJ	<160	<5.0	<120	<150	<150	<160	<160	<5.0	<5.0	<150	<160	<160	<120	--	--	--	--	
Perfluorobutane Sulfonic Acid	2.5	33	<25	<25	<63 UJ	<63	4.1	33	<25	26	<63	<63	<2.0	<2.0	<25	<63	<63	<20	--	--	--	--	
Perfluorobutanoic Acid	22	<240	<300	<300	<160 UJ	<160	140	<240	<300	<300	<160	<160	<5.0	<5.0	<300	<160	<160	780	--	--	--	--	
Perfluorodecane Sulfonic Acid	<2.0	<32	<40	<40	<63 UJ	<63	<2.0	<32	<40	<40	<63	<63	<2.0	<2.0	<40	<63	<63	<32	--	--	--	--	
Perfluorodecanoic Acid	<2.0	<31	<39	<39	<63 UJ	<63	<2.0	<31	<39	<39	<63	<63	<2.0	<2.0	<39	<63	<63	<31	--	--	--	--	
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<97	<120	<120	<120 UJ	<120	<2.0	<97	<120	<120	<120	<120	<2.0	<2.0	<120	<120	<120	<97	--	--	--	--	
Perfluorododecanoic Acid	<2.0	<55	<69	<69	<69 UJ	<69	<2.0	<55	<69	<69	<69	<69	<2.0	<2.0	<69	<69	<69	<55	--	--	--	--	
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<19	<24	<24	<63 UJ	<63	<2.0	<19	<24	<24	<63	<63	<2.0	<2.0	<24	<63	<63	<19	--	--	--	--	
Perfluoroheptanoic Acid	3.5	<25	<31	<31	<63 UJ	<63	71	86	<31	87	<63	100	99	<2.0	<2.0	<31	<63	<63	80	--	--	--	--
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<89	<110	<110	<63 UJ	<63	<2.0	<89	<110	<110	<63	<63	<2.0	<2.0	<110	<63	<63	<89	--	--	--	--	
Perfluorohexane Sulfonic Acid	<2.0	<57	<71	<71	<71 UJ	<71	2.3	<57	<71	<71	<71	<71	<2.0	<2.0	<71	<71	<71	<57	--	--	--	--	
Perfluorohexanoic Acid	6.7	<58	<73	<73	<73 UJ	<73	63	97	84	86	92	92	<2.0	<2.0	<73	<73	<73	<58	--	--	--	--	
Perfluorononanesulfonic Acid	<2.0	<37	<46	<46	<63 UJ	<63	<2.0	<37	<46	<46	<63	<63	<2.0	<2.0	<46	<63	<63	<37	--	--	--	--	
Perfluorononanoic Acid	<2.0	<27	<34	<34	<63 UJ	<63	<2.0	<27	<34	<34	<63	<63	<2.0	<2.0	<34	<63	<63	<27	--	--	--	--	
Perfluorooctadecanoic Acid	<2.0	<94	<120	<120	<120 UJ	<120	<2.0	<94	<120	<120	<120	<120	<2.0	<2.0	<120	<120	<120	<94	--	--	--	--	
Perfluorooctane Sulfonamide	<2.0	<98	<120	<120	<120 UJ	<120	<2.0	<98	<120	<120	<120	<120	<2.0	<2.0	<120	<120	<120	<98	--	--	--	--	
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<30	<38	<38	<63 UJ	<63	<2.0	<30	<38	<38	<63	<63	<2.0	<2.0	<38	<63	<63	<30	--	--	--	--	
Perfluoropentanoic Acid	44	56	<61	<61	<63 UJ	<63	320	380	310	330	350	340	11	14	<61	110	150	1,100	--	--	--	--	
Perfluorotetradecanoic Acid	<2.0	<73	<91	<91	<91 UJ	<91	<2.0	<73	<91	<91	<91	<91	<2.0	<2.0	<91	<91	<91	<73	--	--	--	--	
Perfluorotridecanoic Acid	<2.0	<130	<160	<160	<63 UJ	<63	<2.0	<130	<160	<160	<63	<63	<2.0	<2.0	<160	<63	<63	<130	--	--	--	--	
Perfluoroundecanoic Acid	<2.0	<110	<140	<140	<63 UJ	<63	<2.0	<110	<140	<140	<63	<63	<2.0	<2.0	<140	<63	<63	<110	--	--	--	--	
PFOA	2.7	<85	<110	<110	<63 UJ	<63	750	1,000	930	1,100	1,400	1,700	<2.0	<2.0	<110	<63	<63	<85	--	--	--	--	
PFOS	<2.0	<54	<68	<68	<63 UJ	<63	<2.0	<54	<68	<68	<63	<63	<2.0	<2.0	<68	<63	<63	<54	--	--	--	--	

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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
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Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																			
	PIW-6S					PIW-8D					PIW-10DR					PIW-10S				
	CAP3Q23-PIW-6S-071223	CAP1Q24-PIW-6S-013124	CAP3Q24-PIW-6S-072924	CAP1Q25-PIW-6S-012925	CAP3Q25-PIW-6S-072825	CAP3Q23-PIW-8D-071123	CAP1Q24-PIW-8D-012224	CAP3Q24-PIW-8D-072524	CAP1Q25-PIW-8D-012525	CAP3Q25-PIW-8D-072925	CAP3Q23-PIW-10DR-071423	CAP1Q24-PIW-10DR-012224	CAP3Q24-PIW-10DR-072524	CAP1Q25-PIW-10DR-012925	CAP3Q25-PIW-10DR-072825	CAP3Q23-PIW-10S-071323	Not Sampled in 1Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	Not Sampled in 1Q 2025 (Dry)	Not Sampled in 3Q 2025 (Dry)
Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:					
12-Jul-23	31-Jan-24	29-Jul-24	29-Jan-25	28-Jul-25	11-Jul-23	22-Jan-24	25-Jul-24	30-Jan-25	29-Jan-25	14-Jul-23	22-Jan-24	25-Jul-24	29-Jan-25	28-Jul-25	13-Jul-23					
10:2 Fluorotelomer sulfonate	<2.0	<84	<84	<84	<84	<2.0	<84	<84	<84	<84	<2.0	<84	<84	<84	<2.0	--	--	--	--	
11Cl-PF3OUdS	<2.0	<40	<40	<86	<86	<2.0	<40	<40	<86	<86	<2.0	<40	<40	<86	<86	<2.0	--	--	--	--
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	<2.0	<58	<58	<63	<63	<2.0	<58	<58	<63	<63	<2.0	<58	<58	<63	<63	<2.0	--	--	--	--
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	<2.0	<30	<30	<63	<63	<2.0	<30	<30	<63	<63	<2.0	<30	<30	<63	<63	<2.0	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<110	<110	<110	<110	<2.0	<110	<110	<110	<110	<2.0	<110	<110	<110	<110	<2.0	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<180	<180	<180	<180	<4.0	<180	<180	<180	<180	<4.0	<180	<180	<180	<180	<4.0	--	--	--	--
6:2 Fluorotelomer sulfonate	<5.0	<310	<310	<160	<160	9.4	<310	<310	<160	<160	<5.0	<310	<310	<160	<160	<5.0	--	--	--	--
9Cl-PF3ONS	<2.0	<30	<30	<63	<63	<2.0	<30	<30	<63	<63	<2.0	<30	<30	<63	<63	<2.0	--	--	--	--
DONA	<2.0	<50	<50	<63	<63	<2.0	<50	<50	<63	<63	<2.0	<50	<50	<63	<63	<2.0	--	--	--	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<160	<160	<160	<160	<5.0	<160	<160	<160	<160	<5.0	<160	<160	<160	<160	<5.0	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	<2.0	<110	<110	<110	<110	<2.0	<110	<110	<110	<110	<2.0	<110	<110	<110	<110	<2.0	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	<2.0	<54	<54	<63	<63	<2.0	<54	<54	<63	<63	<2.0	<54	<54	<63	<63	<2.0	--	--	--	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<150	<150	<160	<160	<5.0	<150	<150	<160	<160	<5.0	<150	<150	<160	<160	<5.0	--	--	--	--
Perfluorobutane Sulfonic Acid	<2.0	<25	<25	<63	<63	<2.0	<25	<25	<63	<63	<2.0	<25	<25	<63	<63	<2.0	--	--	--	--
Perfluorobutanoic Acid	150	<300	<300	250	<160	310	660	680	800	730	130	<300	<300	<160	<160	47	--	--	--	--
Perfluorodecane Sulfonic Acid	<2.0	<40	<40	<63	<63	<2.0	<40	<40	<63	<63	<2.0	<40	<40	<63	<63	<2.0	--	--	--	--
Perfluorodecanoic Acid	<2.0	<39	<39	<63	<63	<2.0	<39	<39	<63	<63	<2.0	<39	<39	<63	<63	<2.0	--	--	--	--
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	--	--	--	--
Perfluorododecanoic Acid	<2.0	<69	<69	<69	<69	<2.0	<69	<69	<69	<69	<2.0	<69	<69	<69	<69	<2.0	--	--	--	--
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<24	<24	<63	<63	<2.0	<24	<24	<63	<63	<2.0	<24	<24	<63	<63	<2.0	--	--	--	--
Perfluoroheptanoic Acid	23	<31	<31	<63	<63	250	760	720	730	770	76	80	59	68	11	--	--	--	--	
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<110	<110	<63	<63	<2.0	<110	<110	<63	<63	<2.0	<110	<110	<63	<63	<2.0	--	--	--	--
Perfluorohexane Sulfonic Acid	<2.0	<71	<71	<71	<71	<2.0	<71	<71	<71	<71	<2.0	<71	<71	<71	<71	<2.0	--	--	--	--
Perfluorohexanoic Acid	17	<73	<73	<73	<73	75	210	190	190	180	29	<73	<73	<73	<73	8.6	--	--	--	--
Perfluorononanesulfonic Acid	<2.0	<46	<46	<63	<63	<2.0	<46	<46	<63	<63	<2.0	<46	<46	<63	<63	<2.0	--	--	--	--
Perfluorononanoic Acid	<2.0	<34	<34	<63	<63	<2.0	<34	<34	<63	<63	<2.0	<34	<34	<63	<63	<2.0	--	--	--	--
Perfluorooctadecanoic Acid	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	--	--	--	--
Perfluorooctane Sulfonamide	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	<120	<120	<120	<120	<2.0	--	--	--	--
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<38	<38	<63	<63	<2.0	<38	<38	<63	<63	<2.0	<38	<38	<63	<63	<2.0	--	--	--	--
Perfluoropentanoic Acid	820	760 J	710	1,100	630	1,700	3,500	3,500	3,600	3,300	350	400	370	390	370	59	--	--	--	--
Perfluorotetradecanoic Acid	<2.0	<91	<91	<91	<91	<2.0	<91	<91	<91	<91	<2.0	<91	<91	<91	<91	<2.0	--	--	--	--
Perfluorotridecanoic Acid	<2.0	<160	<160	<63	<63	<2.0	<160	<160	<63	<63	<2.0	<160	<160	<63	<63	<2.0	--	--	--	--
Perfluoroundecanoic Acid	<2.0	<140	<140	<63	<63	<2.0	<140	<140	<63	<63	<2.0	<140	<140	<63	<63	<2.0	--	--	--	--
PFOA	<2.0	<110	<110	<63	<63	2.5	<110	<110	<63	64 J	4.1	<110	<110	<63	<63	9.1	--	--	--	--
PFOS	<2.0	<68	<68	<63	<63	<2.0	<68	<68	<63	<63	<2.0	<68	<68	<63	<63	<2.0	--	--	--	--

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Performance Monitoring Plan Sampling Program (Semi-Annually)																			
	PIW-11					PIW-15					PW-10RR					PW-11				
	CAP3Q23-PIW-11-073123	CAP1Q24-PIW-11-020124	CAP3Q24-PIW-11-071824	CAP1Q25-PIW-11-012425	CAP3Q25-PIW-11-072225	CAP3Q23-PIW-15-072523	CAP1Q24-PIW-15-020524	CAP3Q24-PIW-15-090324	CAP1Q25-PIW-15-020325	CAP3Q25-PIW-15-072125	CAP3Q23-PW-10RR-080323	CAP1Q24-PW-10RR-013124	CAP3Q24-PW-10RR-073024	CAP1Q25-PW-10RR-012925	CAP3Q25-PW-10RR-072825	CAP3Q23-PW-11-070723	CAP1Q24-PW-11-013124	CAP3Q24-PW-11-072424	CAP1Q25-PW-11-012925	CAP3Q25-PW-11-072525
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
31-Jul-23	1-Feb-24	18-Jul-24	24-Jan-25	22-Jul-25	25-Jul-23	5-Feb-24	3-Sep-24	3-Feb-25	21-Jul-25	3-Aug-23	31-Jan-24	30-Jul-24	29-Jan-25	28-Jul-25	7-Jul-23	31-Jan-24	24-Jul-24	29-Jan-25	25-Jul-25	
10:2 Fluorotelomer sulfonate	<67	<84	<84	<42	<84	<67	<84	<84	<84	<84	<67	<84	<84	<84	<2.0	<84	<84	<84	<84	
11Cl-PF3OUdS	<32	<40	<40	<43	<86	<32	<40	<40	<86	<86	<32	<40	<40	<86	<86	<2.0	<40	<40	<86	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<58	<31	<63	<46	<58	<58	<63	<63	<46	<58	<58	<63	<63	<2.0	<58	<58	<63	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<30	<31	<63	<24	<30	<30	<63	<63	<24	<30	<30	<63	<63	<2.0	<30	<30	<63	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<110	<53	<110	<85	<110	<110	<110	<110	<85	<110	<110	<110	<110	<2.0	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<180	<88	<180	<140	<180	<180	<180	<180	<140	<180	<180	<180	<180	<4.0	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<250	<310	<310	<78	<160	<250	<310	<310	<160	<160	<250	<310	<310	<160	<160	<5.0	<310	<310	<160	<160
9Cl-PF3ONS	<24	<30	<30	<31	<63	<24	<30	<30	<63	<63	<24	<30	<30	<63	<63	<2.0	<30	<30	<63	<63
DONA	<40	<50	<30	<31	<63	<40	<50	<50	<63	<63	<40	<50	<50	<63	<63	<2.0	<50	<50	<63	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<160	<78	<160	<130	<160	<160	<160	<160	<130	<160	<160	<160	<160	<5.0	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<110	<54	<110	<87	<110	<110	<110	<110	<87	<110	<110	<110	<110	<2.0	<110	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<54	<31	<63	<43	<54	<54	<63	<63	<43	<54	<54	<63	<63	<2.0	<54	<54	<63	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<150	<78	<160	<120	<150	<150	<160	<160	<120	<150	<150	<160	<160	<5.0	<150	<150	<160	<160
Perfluorobutane Sulfonic Acid	29	<25	<25	<31	<63	<20	<25	<25	<63	<63	<20	<25	<25	<63	<63	2.1	<25	<25	<63	<63
Perfluorobutanoic Acid	<240	<300	<300	<78	<160	<240	<300	<300	<160	<160	<240	<300	<300	<160	<160	100	<300	<300	<160	<160
Perfluorodecane Sulfonic Acid	<32	<40	<40	<31	<63	<32	<40	<40	<63	<63	<32	<40	<40	<63	<63	<2.0	<40	<40	<63	<63
Perfluorodecanoic Acid	<31	<39	<39	<31	<63	<31	<39	<39	<63	<63	<31	<39	<39	<63	<63	<2.0	<39	<39	<63	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<120	<61	<120	<97	<120	<120	<120	<120	<97	<120	<120	<120	<120	<2.0	<120	<120	<120	<120
Perfluorododecanoic Acid	<55	<69	<69	<34	<69	<55	<69	<69	<69	<69	<55	<69	<69	<69	<69	<2.0	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<24	<31	<63	<19	<24	<24	<63	<63	<19	<24	<24	<63	<63	<2.0	<24	<24	<63	<63
Perfluoroheptanoic Acid	<25	<31	<31	<31	<63	<25	<31	<31	<63	<63	<25	<31	<31	<63	<63	100	110 J	120	79	110
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<110	<31	<63	<89	<110	<110	<63	<63	<89	<110	<110	<63	<63	<2.0	<110	<110	<63	<63
Perfluorohexane Sulfonic Acid	<57	<71	<71	<36	<71	<57	<71	<71	<71	<71	<57	<71	<71	<71	<71	2.8	<71	<71	<71	<71
Perfluorohexanoic Acid	<58	<73	<73	<36	<73	<58	<73	<73	<73	<73	<58	<73	<73	<73	<73	26	<73	<73	<73	<73
Perfluoronanesulfonic Acid	<37	<46	<46	<31	<63	<37	<46	<46	<63	<63	<37	<46	<46	<63	<63	<2.0	<46	<46	<63	<63
Perfluoronanoic Acid	<27	<34	<34	<31	<63	<27	<34	<34	<63	<63	<27	<34	<34	<63	<63	22	<34	<34	<63	<63
Perfluorooctadecanoic Acid	<94	<120	<120	<59	<120	<94	<120	<120	<120	<120	<94	<120	<120	<120	<120	<2.0	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<98	<120	<120	<61	<120	<98	<120	<120	<120	<120	<98	<120	<120	<120	<120	<2.0	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<38	<31	<63	<30	<38	<38	<63	<63	<30	<38	<38	<63	<63	<2.0	<38	<38	<63	<63
Perfluoropentanoic Acid	63	<61	<61	34	<63	140	120	100	140	130	710	520 J	470	320	190	420	230 J	240	180	240
Perfluorotetradecanoic Acid	<73	<91	<91	<46	<91	<73	<91	<91	<91	<91	<73	<91	<91	<91	<91	<2.0	<91	<91	<91	<91
Perfluorotridecanoic Acid	<130	<160	<160	<31	<63	<130	<160	<160	<63	<63	<130	<160	<160	<63	<63	<2.0	<160	<160	<63	<63
Perfluoroundecanoic Acid	<110	<140	<140	<31	<63	<110	<140	<140	<63	<63	<110	<140	<140	<63	<63	<2.0	<140	<140	<63	<63
PFOA	<85	<110	<110	<31	<63	<85	<110	<110	<63	<63	<85	<110	<110	<63	<63	42	<110	<110	63 J	<63
PFOS	<54	<68	<68	<31	<63	<54	<68	<68	<63	<63	<54	<68	<68	<63	<63	4.7	<68	<68	<63	<63

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

Wells OW-4R, OW-32, OW-37, and OW-51 were installed between late June 2023 and August 2023, so were unavailable for sampling before 3Q 2023.

Bold - Analyte detected above associated reporting limit.

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

ng/L - nanograms per liter

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #11 (Jul - Sep 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	Corrective Action Plan Sampling Program (Annually)											
	OW-59		PIW-12			PIW-13				PIW-14		
	CAP3Q24-OW-59-112024	CAP3Q25-OW-59-072225	CAP3Q23-PIW-12-072423	CAP3Q24-PIW-12-071824	CAP3Q25-PIW-12-071025	CAP3Q23-PIW-13-072423	CAP3Q24-PIW-13-071824	CAP3Q25-PIW-13-080524	CAP3Q25-PIW-13-071025	CAP3Q23-PIW-14-072423	CAP3Q24-PIW-14-080524	CAP3Q25-PIW-14-071025
	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
	20-Nov-24	22-Jul-25	24-Jul-23	18-Jul-24	10-Jul-25	24-Jul-23	18-Jul-23	5-Aug-24	10-Jul-25	24-Jul-23	5-Aug-24	10-Jul-25
10:2 Fluorotelomer sulfonate	<84	<84	<67	<84	<84	<67	<84	<84	<84	<67	<84	<84
11Cl-PF3OUdS	<40	<86	<32	<40	<86	<32	<40	<40	<86	<32	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<58	<63	<46	<58	<63	<46	<58	<58	<63	<46	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<30	<63	<24	<30	<63	<24	<30	<30	<63	<24	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<110	<110	<85	<110	<110	<85	<110	<110	<110	<85	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<180	<180	<140	<180	<180	<140	<180	<180	<180	<140	<180	<180
6:2 Fluorotelomer sulfonate	<310	<160	<250	<310	<160	<250	<310	<310	<160	<250	<310	<160
9Cl-PF3ONS	<30	<63	<24	<30	<63	<24	<30	<30	<63	<24	<30	<63
DONA	<50	<63	<40	<50	<63	<40	<50	<50	<63	<40	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<160	<160	<130	<160	<160	<130	<160	<160	<160	<130	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<110	<110	<87	<110	<110	<87	<110	<110	<110	<87	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<54	<63	<43	<54	<63	<43	<54	<54	<63	<43	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<150	<160	<120	<150	<160	<120	<150	<150	<160	<120	<150	<160
Perfluorobutane Sulfonic Acid	<25	<63	<20	<25	<63	<20	<25	<25	<63	<20	<25	<63
Perfluorobutanoic Acid	<300	<160	<240	<300	<160	<240	<300	<300	<160	<240	<300	<160
Perfluorodecane Sulfonic Acid	<40	<63	<32	<40	<63	<32	<40	<40	<63	<32	<40	<63
Perfluorodecanoic Acid	<39	<63	<31	<39	<63	<31	<39	<39	<63	<31	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<120	<120	<97	<120	<120	<97	<120	<120	<120	<97	<120	<120
Perfluorododecanoic Acid	<69	<69	<55	<69	<69	<55	<69	<69	<69	<55	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<24	<63	<19	<24	<63	<19	<24	<24	<63	<19	<24	<63
Perfluoroheptanoic Acid	<31	<63	<25	<31	<63	<25	<31	<31	<63	<25	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<110	<63	<89	<110	<63	<89	<110	<110	<63	<89	<110	<63
Perfluorohexane Sulfonic Acid	<71	<71	<57	<71	<71	<57	<71	<71	<71	<57	<71	<71
Perfluorohexanoic Acid	<73	<73	<58	<73	<73	<58	<73	<73	<73	<58	<73	<73
Perfluorononanesulfonic Acid	<46	<63	<37	<46	<63	<37	<46	<46	<63	<37	<46	<63
Perfluorononanoic Acid	<34	<63	<27	<34	<63	<27	<34	<34	<63	<27	<34	<63
Perfluorooctadecanoic Acid	<120	<120	<94	<120	<120	<94	<120	<120	<120	<94	<120	<120
Perfluorooctane Sulfonamide	<120	<120	<98	<120	<120	<98	<120	<120	<120	<98	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<38	<63	<30	<38	<63	<30	<38	<38	<63	<30	<38	<63
Perfluoropentanoic Acid	<61	66	<49	<61	<63	<49	68	84	70	80	110	73
Perfluorotetradecanoic Acid	<91	<91	<73	<91	<91	<73	<91	<91	<91	<73	<91	<91
Perfluorotridecanoic Acid	<160	<63	<130	<160	<63	<130	<160	<160	<63	<130	<160	<63
Perfluoroundecanoic Acid	<140	<63	<110	<140	<63	<110	<140	<140	<63	<110	<140	<63
PFOA	180	170	<85	<110	<63	<85	<110	<110	<63	<85	<110	<63
PFOS	<68	<63	<54	<68	<63	<54	<68	<68	<63	<54	<68	<63

Notes:

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

Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.

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 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

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)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (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)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	WC-1												
	CAP3Q22-WC-1-24-072122	CAP4Q22-WC-1-24-110922	CAP1Q23-WC-1-24-022523	CAP2Q23-WC-1-24-051223	CAP3Q23-WC-1-24-072723	CAP4Q23-WC-1-112323	CAP1Q24-WC-1-24-022224	CAP2Q24-WC-1-24-041824	CAP3Q24-WC-1-24-071124	CAP4Q24-WC-1-24-102424	CAP1Q25-WC-1-21-010825	CAP2Q25-WC-1-24-040325	CAP3Q25-WC-1-24-070225
	Sample Date: 21-Jul-22	Sample Date: 9-Nov-22	Sample Date: 25-Feb-23	Sample Date: 12-May-23	Sample Date: 27-Jul-23	Sample Date: 23-Nov-23	Sample Date: 22-Feb-24	Sample Date: 18-Apr-24	Sample Date: 11-Jul-24	Sample Date: 24-Oct-24	Sample Date: 8-Jan-25	Sample Date: 3-Apr-25	Sample Date: 2-Jul-25
HFPO Dimer Acid	560	580	310	430	360	89 J	240	320	460	220	160	310	440
PFMOAA	1,300	1,900	480	830	970	200	420	1,000	1,400	880	460	620	1,500
PFO2HxA	650	960	280	500	500	150	310	440	540	310	250	320	550
PFO3OA	130	160	45	90	87	23 J	57	76	79 J	59	42	60	110
PFO4DA	25	29	10	15	16	5.4 J	9.4	14	17	10	8.0	9.5	17
PFO5DA	<3.9	<7.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	640	790	340	430	490	170	290	340	500	300	290	360	520
PEPA	150	200	74	120	120	45	72	95	110	72	59	110	120
PS Acid	<2.0	2.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	14	14	8	11	12	5.2	7.3	13	12	10	8	9.1	15
R-PSDA	42 J	36 J	30 J	86 J	170 J	11 J	36 J	100 J	160 J	150 J	49 J	110 J	170 J
Hydrolyzed PSDA	230 J	230 J	190 J	380 J	290 J	28 J	160 J	370 J	340 J	340 J	200 J	220 J	410 J
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
NVHOS, Acid Form	21	30	14	20	25	3.8	15	16	28	9.9 J	5.5	15	19
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	9.9	13	5.1	6.7	7.4	<2.0	4	5.7	7.5	3	2.4	2.7	7.1
R-EVE	24 J	16 J	14 J	38 J	59 J	5.9 J	18 J	41 J	64 J	70 J	26 J	52 J	76 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.4	<4.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFPPrA	--	--	--	--	770	250	530	680	780	460	340	440	850
Total Table 3+ (17 compounds)^{2,3}	3,500	4,680	1,570	2,450	2,590	691	1,420	2,320	3,150	1,870	1,280	1,820	3,300
Total Table 3+ (18 compounds)^{2,4}	--	--	--	--	3,360	941	1,950	3,000	3,930	2,330	1,620	2,260	4,150
Total Table 3+ (21 compounds)^{2,5}	--	--	--	--	3,880	986	2,170	3,510	4,500	2,890	1,900	2,640	4,800

Notes:

1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPPrA) 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 PFPPrA.

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.

For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

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)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (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)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	WC-2												
	CAP3Q22-WC-2-24-072122	CAP4Q22-WC-2-22-110922	CAP1Q23-WC-2-24-022523	CAP2Q23-WC-2-24-051223	CAP3Q23-WC-2-24-072723	CAP4Q23-WC-2-24-112323	CAP1Q24-WC-2-24-022224	CAP2Q24-WC-2-24-041824	CAP3Q24-WC-2-24-071124	CAP4Q24-WC-2-24-102424	CAP1Q25-WC-2-16-010725	CAP2Q25-WC-2-19-040325	CAP3Q25-WC-2-24-070225
	Sample Date: 21-Jul-22	Sample Date: 9-Nov-22	Sample Date: 25-Feb-23	Sample Date: 12-May-23	Sample Date: 27-Jul-23	Sample Date: 23-Nov-23	Sample Date: 22-Feb-24	Sample Date: 18-Apr-24	Sample Date: 11-Jul-24	Sample Date: 24-Oct-24	Sample Date: 8-Jan-25	Sample Date: 3-Apr-25	Sample Date: 2-Jul-25
HFPO Dimer Acid	320	490	180	290	260	120	160	210	260	150	120	2,400	280
PFMOAA	250	1,000	300	360	610	290 J	250	480	340	260	150	12,000	440
PFO2HxA	250	640	160	280	350	190 J	180	230	290	200	150	3,100	280
PFO3OA	40	89	21	42	55	27	25	40	37	28	23	560	46
PFO4DA	12	17	4.5	8.2	10	5.3	4.8	7.8	7.1	5.3	4.9	86	8.3
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.6	<2.0
PMPA	330	570	240	310	410	230 J	200	260	320	230	210	2,100	330
PEPA	70	150	52	86	92	48 J	41	62	65	51	44	440	82
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	3.1	<2.0
Hydro-PS Acid	12	11	7.2	8.2	9.5	6.1	6.6	9.4	8.6	8.7	6.8	34	12
R-PSDA	26 J	31 J	18 J	49 J	96 J	9.4 J	12 J	54 J	100 J	110 J	37 J	110 J	92 J
Hydrolyzed PSDA	44 J	130 J	28 J	44 J	75 J	20 J	14 J	81 J	30 J	30 J	26 J	960 J	100 J
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
NVHOS, Acid Form	8.3	19	5.7	8.6	16	5.7 J	5.7	8.1	8.8	4.0	<3.0	170	7.5
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	4.5	12	<2.0	3.1	2.2	2.2	2.1	<2.0	<2.0	<2.0	<2.0	78	3.1
R-EVE	9.4 J	19 J	9.6 J	28 J	41 J	7.4 J	7.7 J	25 J	51 J	56 J	23 J	210 J	52 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFPPrA	--	--	--	--	570	340 J	320	450	440	300	240	4,300	460
Total Table 3+ (17 compounds)^{2,3}	1,300	3,000	970	1,400	1,810	924	875	1,310	1,340	937	709	21,000	1,490
Total Table 3+ (18 compounds)^{2,4}	--	--	--	--	2,380	1,260	1,200	1,760	1,780	1,240	949	25,300	1,950
Total Table 3+ (21 compounds)^{2,5}	--	--	--	--	2,600	1,300	1,230	1,920	1,960	1,430	1,030	26,600	2,190

Notes:

- 1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPPrA) 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 PFPPrA.
 - 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.
 For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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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 ng/L - nanograms per liter
 SOP - standard operating procedure
 -- - No data reported
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Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

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)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (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)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP TABLE 3+ COMPOUNDS ¹ (ng/L)	WC-3												
	CAP3Q22-WC-3-24-072122	CAP4Q22-WC-3-24-110922	CAP1Q23-WC-3-24-022523	CAP2Q23-WC-3-24-051223	CAP3Q23-WC-3-24-072723	CAP4Q23-WC-3-112323	CAP1Q24-WC-3-24-022224	CAP2Q24-WC-3-24-041824	CAP3Q24-WC-3-24-071124	CAP4Q24-WC-3-24-102424	CAP1Q25-WC-3-20-010825	CAP2Q25-WC-3-24-040325	CAP3Q25-WC-3-24-070225
	Sample Date: 21-Jul-22	Sample Date: 9-Nov-22	Sample Date: 25-Feb-23	Sample Date: 12-May-23	Sample Date: 27-Jul-23	Sample Date: 23-Nov-23	Sample Date: 22-Feb-24	Sample Date: 18-Apr-24	Sample Date: 11-Jul-24	Sample Date: 24-Oct-24	Sample Date: 8-Jan-25	Sample Date: 3-Apr-25	Sample Date: 2-Jul-25
HFPO Dimer Acid	180	190	100	150	130	49	50 J	110	160	79	71	76	160
PFMOAA	45	72	35	55	58	25	22 J	47	76	42	29	35	60
PFO2HxA	140	190	74	130	140	61	44 J	110	150	99	86	110	140
PFO3OA	19	21	8.7	16	19	7.6	<8.9	14	18	12	11	11	18
PFO4DA	5.3	4.8	2.1	3.5	5.1	2.2	<4.0	3.5	5.3	3.0	2.4	3.1	4.5
PFO5DA	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	230	260	160	190	200	120	83 J	180	230	140	160	180	240
PEPA	45	70	32	53	50	24	31	40	51	27	31	36	54
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-PS Acid	9.3	7.8	6.5	6.8	7.8	4.2	<4.4	7.2	8.4	7.4	6.6	7.2	11
R-PSDA	<2.0	12 J	15 J	32 J	65 J	4.3 J	3.3 J	41 J	97 J	67 J	28 J	29 J	75 J
Hydrolyzed PSDA	<2.0	<2.0	<2.0	<2.0	7.6 J	<2.0	<2.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<14	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
NVHOS, Acid Form	4.6	3.2	2.5	2.8	<3.0	<3.0	<13	<3.0	3.4	<3.0	<3.0	<3.0	<3.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
R-EVE	5.6 J	6.1 J	7.5 J	16 J	23 J	2.7 J	<3.1	17 J	40 J	29 J	14 J	15 J	34 J
Perfluoro(2-ethoxyethane)sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFECA-G	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFPPrA	--	--	--	--	280	150	210	240	300	190	170	180	280
Total Table 3+ (17 compounds)^{2,3}	678	819	421	607	612	293	230	512	702	409	397	458	688
Total Table 3+ (18 compounds)^{2,4}	--	--	--	--	892	443	440	752	1,000	599	567	638	968
Total Table 3+ (21 compounds)^{2,5}	--	--	--	--	988	450	443	810	1,140	695	609	682	1,080

Notes:

- 1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPPrA) 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 PFPPrA.
 - 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.
 For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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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 ng/L - nanograms per liter
 SOP - standard operating procedure
 -- - No data reported
 < - Analyte not detected above associated reporting limit.

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

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)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (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)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	WC-1												
	CAP3Q22-WC-1-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-1-24-110922 Sample Date: 9-Nov-22	CAPIQ23-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	CAPIQ24-WC-1-24-022224 Sample Date: 22-Feb-24	CAP2Q24-WC-1-24-041824 Sample Date: 18-Apr-24	CAP3Q24-WC-1-24-071124 Sample Date: 11-Jul-24	CAP4Q24-WC-1-24-102424 Sample Date: 24-Oct-24	CAP1Q25-WC-1-21-010825 Sample Date: 8-Jan-25	CAP2Q25-WC-1-24-040325 Sample Date: 3-Apr-25	CAP3Q25-WC-1-24-070225 Sample Date: 2-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	5.9	<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	4.7	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	4.6	3.9	4.4	4.6	4.9	3.7	5.7	7.5	5.5	8.3	12	8.0	6.0
Perfluorobutanoic Acid	6.6	9.1	7	6.3	9	<5.0	5.2	6.7	8.6	8.0	5.7	6.4	8.2
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	2.4	2.9	<2.0	2.4	2.4	<2.0	<2.0	2.1	2.8	<2.0	<2.0	<2.0	2.7
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
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	3.5	4.1	2.8	3.7	4.3	<2.0	3.1	4.3	4.3	4.4	5.2	3.4	4.5
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	13	13	7.8	11	9.9	3.4	6.7	11	13	7.7	8.4	9.8	11
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	9.7	10	5.8	7.7	7.2	2.1	5.1	6.1	11	7.0	5.4	4.9	12
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

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.
 For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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 Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

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)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (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)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	WC-2												
	CAP3Q22-WC-2-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-2-22-110922 Sample Date: 9-Nov-22	CAPIQ23-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	CAPIQ24-WC-2-24-022224 Sample Date: 22-Feb-24	CAP2Q24-WC-2-24-041824 Sample Date: 18-Apr-24	CAP3Q24-WC-2-24-071124 Sample Date: 11-Jul-24	CAP4Q24-WC-2-24-102424 Sample Date: 24-Oct-24	CAP1Q25-WC-2-16-010725 Sample Date: 8-Jan-25	CAP2Q25-WC-2-19-040325 Sample Date: 3-Apr-25	CAP3Q25-WC-2-24-070225 Sample Date: 2-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	4.4	3.6	4.5	4.6	4.6	4.7 J	6.2	7.1	5.3	8.5	12	4.0	6.4
Perfluorobutanoic Acid	<5.0	10.0	<5.0	<5.0	7.6	<5.0 UJ	<5.0	5.5	6.4	6.8	5.4	37	6.9
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	2.4	<2.0	<2.0	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	12	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
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	3.0	3.9	2.6	3.1	3.8	2.3	2.8	3.6	4.3	4.0	4.9	15	4.1
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	8.8	13.0	5.0	7.3	8.1	5.1 J	4.7	7.1	7.5	6.3	7.1	61	8.2
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	3.4	5.1	2.8	3.1	5.6	2.3	2.7	3.7	3.8	4.2	3.2	61	5.8
PFOS	<2.0	<2.0	<2.0	<2.0	<2.0	2.0 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

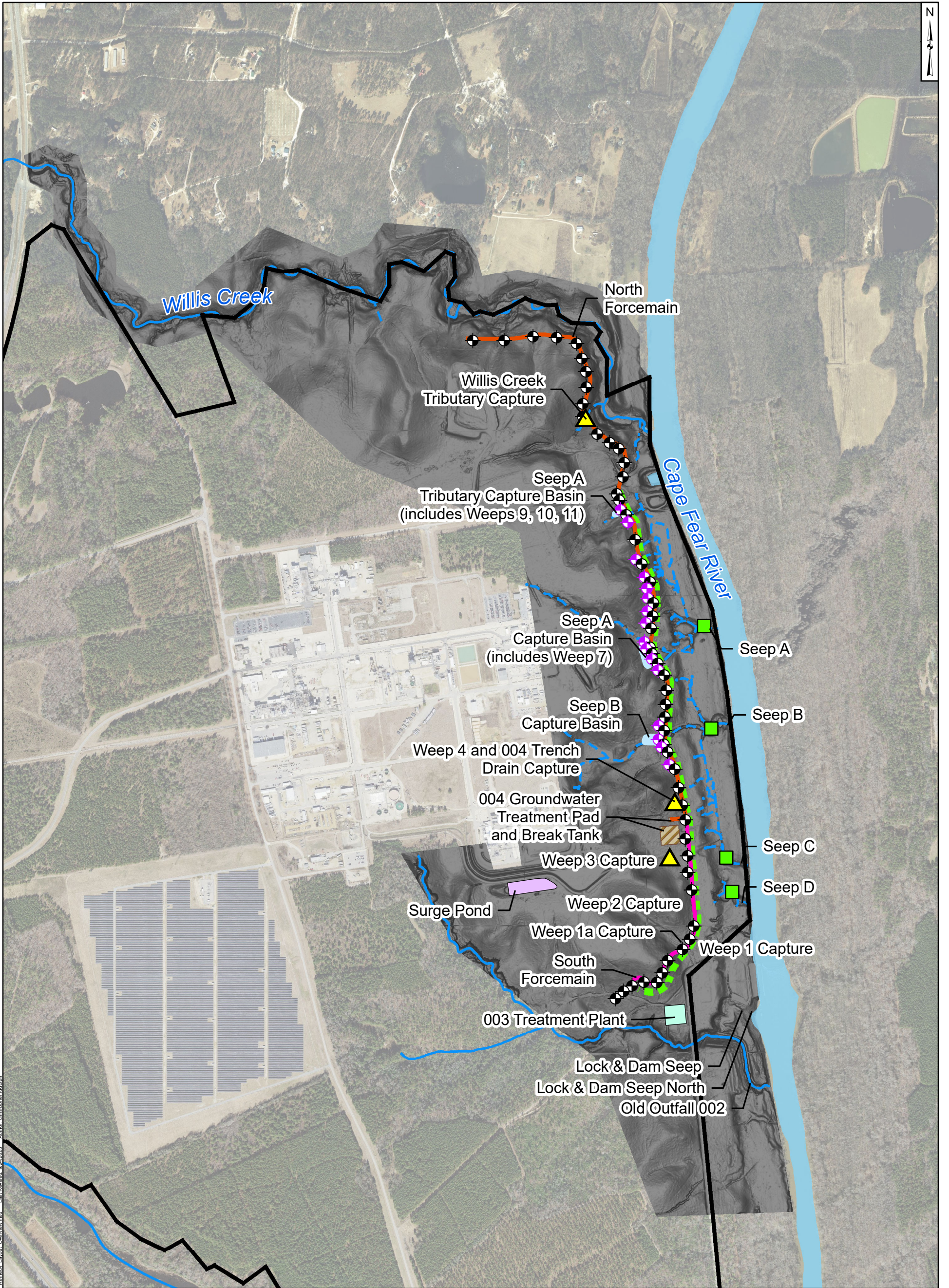
Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the July 27, 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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 Analytical Results
Quarterly Report #11 (Jul - Sep 2025)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

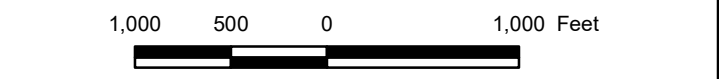
Antecedent Daily Total Rainfall (inches):	Jul 18 (0.00)	Nov 6 (0.00)	Feb 22 (0.00)	May 9 (0.00)	Jul 24 (0.20)	Nov 20 (0.00)	Feb 19 (0.00)	Apr 15 (0.00)	Jul 8 (0.00)	Oct 21 (0.00)	Jan 5 (0.00)	Mar 31 (0.00)	Jun 29 (0.00)
	Jul 19 (0.10)	Nov 7 (0.00)	Feb 23 (0.00)	May 10 (0.00)	Jul 25 (0.00)	Nov 21 (0.41)	Feb 20 (0.00)	Apr 16 (0.00)	Jul 9 (0.00)	Oct 22 (0.00)	Jan 6 (0.25)	Apr 1 (0.00)	Jun 30 (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)	Apr 17 (0.00)	Jul 10 (0.00)	Oct 23 (0.00)	Jan 7 (0.00)	Apr 2 (0.00)	Jul 1 (0.00)
EPA METHOD 537 MODIFIED SOP COMPOUNDS ¹ (ng/L)	WC-3												
	CAP3Q22-WC-3-24-072122 Sample Date: 21-Jul-22	CAP4Q22-WC-3-24-110922 Sample Date: 9-Nov-22	CAPIQ23-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	CAPIQ24-WC-3-24-022224 Sample Date: 22-Feb-24	CAP2Q24-WC-3-24-041824 Sample Date: 18-Apr-24	CAP3Q24-WC-3-24-071124 Sample Date: 11-Jul-24	CAP4Q24-WC-3-24-102424 Sample Date: 24-Oct-24	CAP1Q25-WC-3-20-010825 Sample Date: 8-Jan-25	CAP2Q25-WC-3-24-040325 Sample Date: 3-Apr-25	CAP3Q25-WC-3-24-070225 Sample Date: 2-Jul-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.6	<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	<2.4	<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	<8.5	<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	<14	<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	<25	<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	<2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UJ	<13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.7	<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	<4.3	<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	<12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Perfluorobutane Sulfonic Acid	4.7	3.1	4.6	4.3	4.6	3.5	4.3 J	7.6	5.4	7.3	11	9.2	7.3
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<24	5.6	6.2	5.5	<5.0	5.2	5.7
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	2.6	2.3	2.1	2.7	3.0	<2.0	<5.8	3.4	4.3	3.2	5.1	3.1	3.9
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.7	<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
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.8	<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	<3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	5.5	4.5	3.6	5.1	4.9	2.6	<4.9	5.5	6.7	5.2	6.5	5.5	6.3
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<7.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	2.4	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<8.5	2.3	2.5	2.7	2.5	2.7
PFOS	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<5.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Notes:
 1 - The EPA Method 537 was modified to incorporate the Table3+ compounds. Beginning with the 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.
 For March 31 - April 2, 2025, precipitation data was obtained from USGS gauge #02104000 at Cape Fear River at Fayetteville because there was a gap for these days in the data from 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.

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



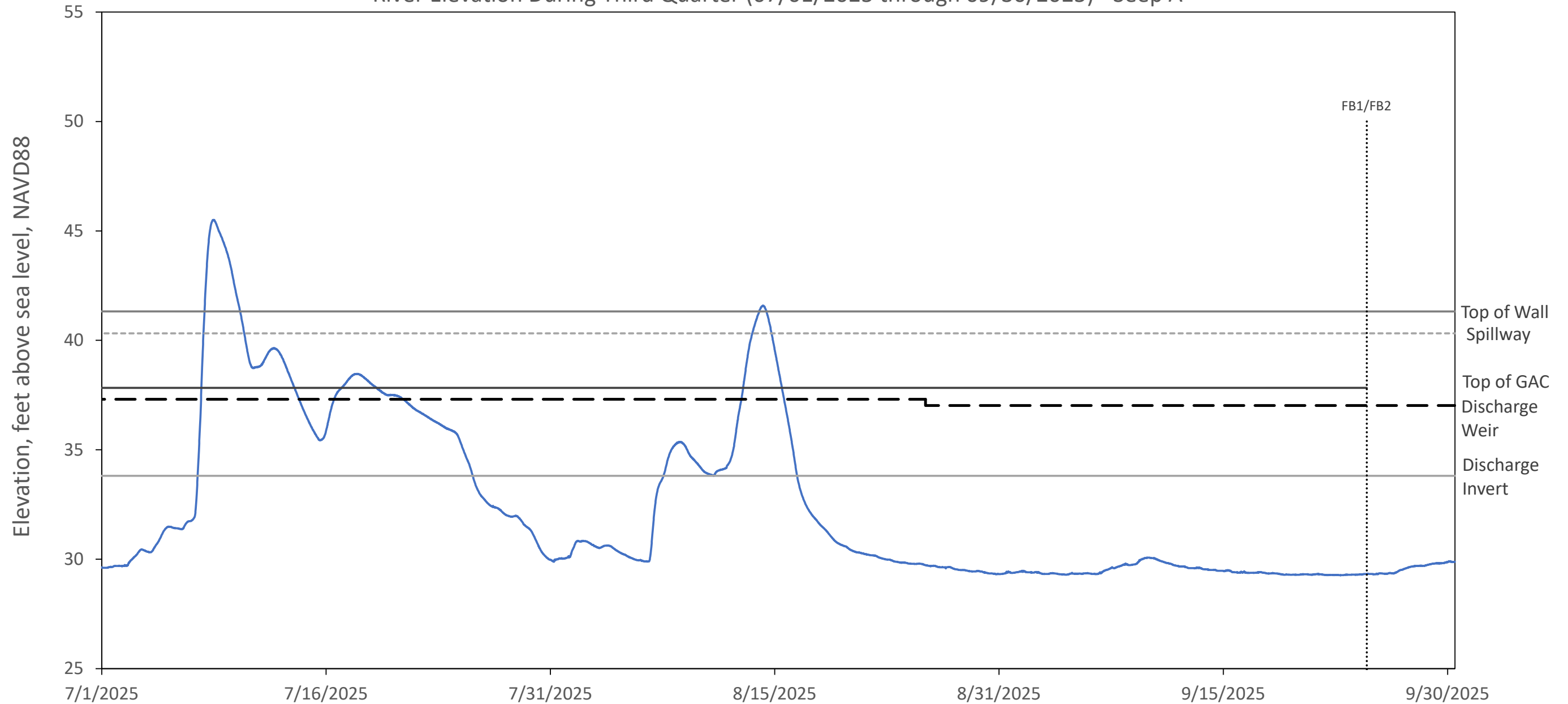
Remedy Layout Overview
Chemours Fayetteville Works, North Carolina

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

 Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure 1-1
	Raleigh	

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

River Elevation During Third Quarter (07/01/2025 through 09/30/2025) - Seep A



Legend

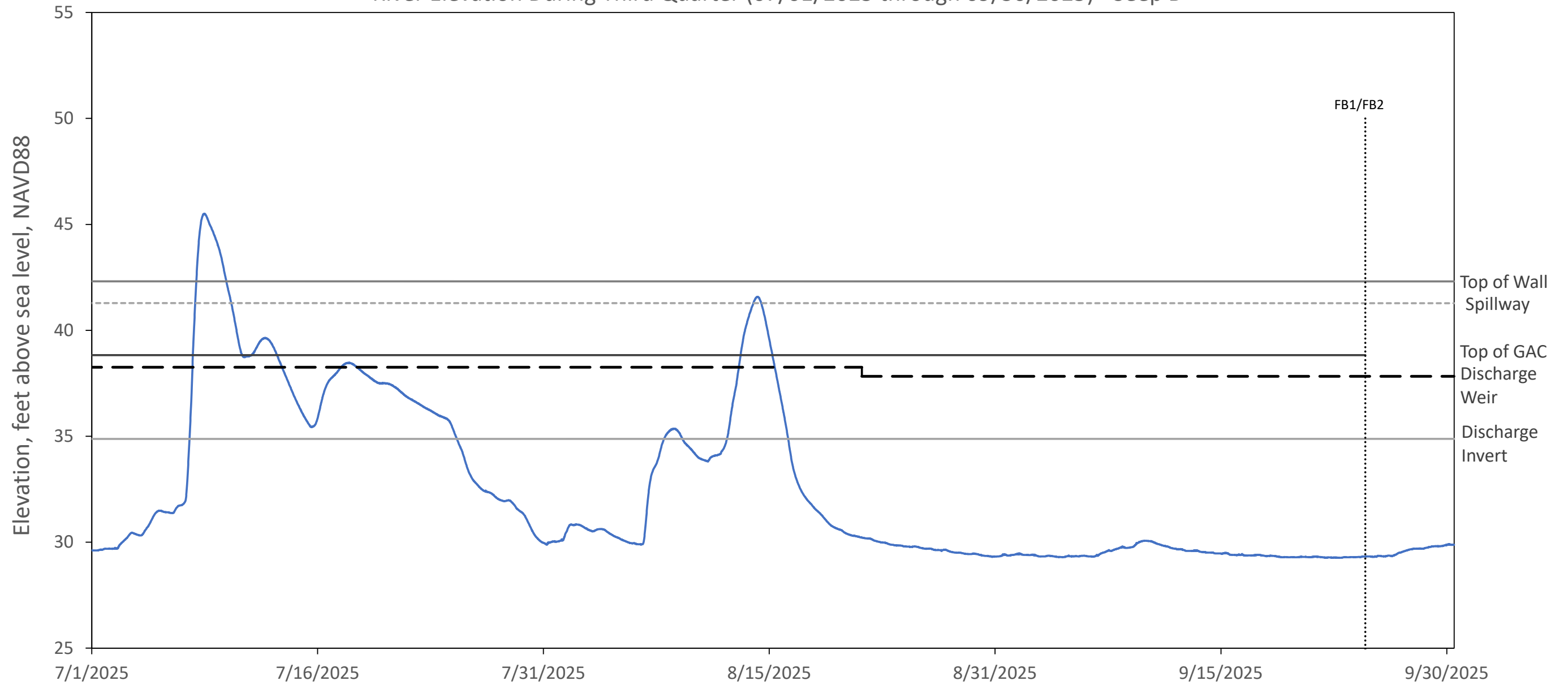
- River
- GAC Removal

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.
 GAC = Granular Activated Carbon
 FTC = Flow-Through Cell
 FB1/FB2 = Filter Bed 1/Filter Bed 2

River Level During Reporting Period & FTC As-Built Elevations - Seep A Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure 2-1A
Raleigh, NC	December 2025

River Elevation During Third Quarter (07/01/2025 through 09/30/2025) - Seep B



Legend

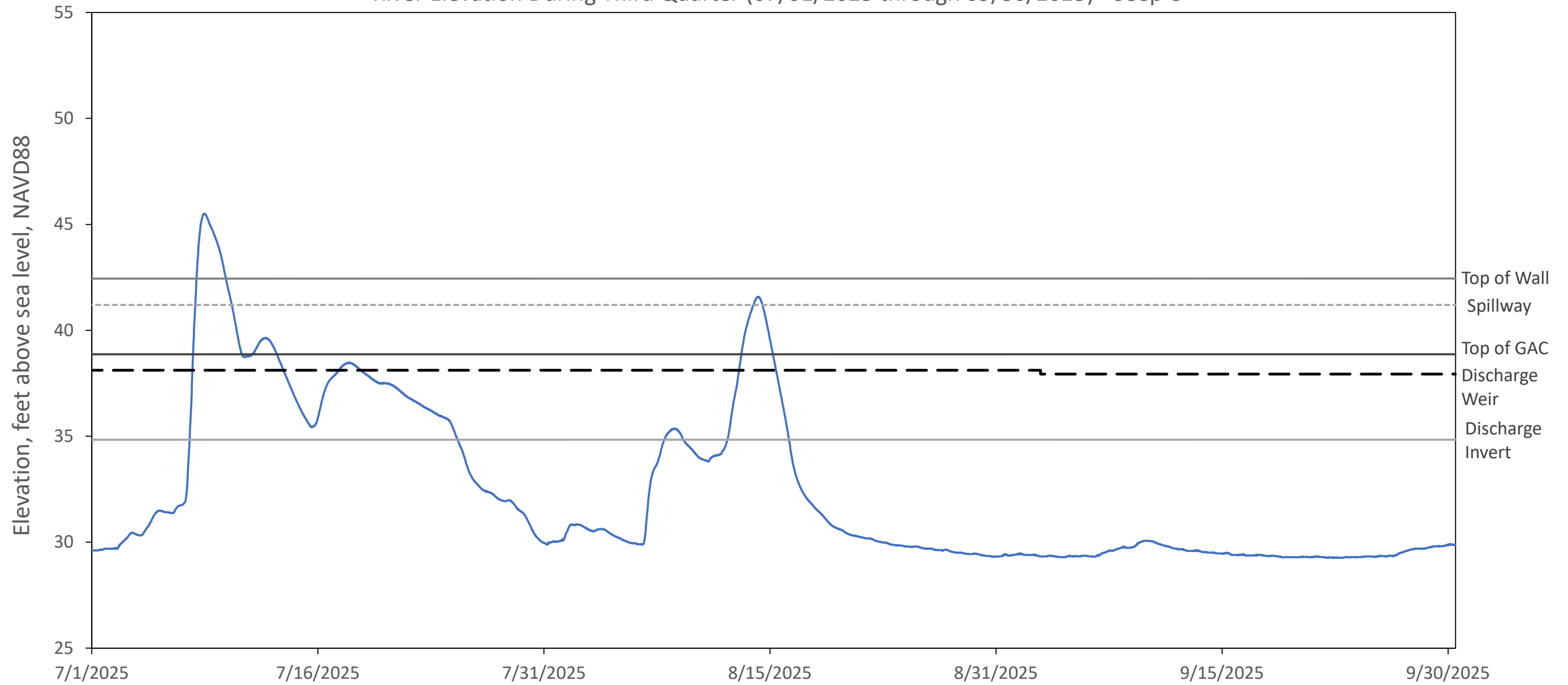
- River
- GAC Removal

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.
 GAC = Granular Activated Carbon
 FTC = Flow-Through Cell
 FB1/FB2 = Filter Bed 1/Filter Bed 2

River Level During Reporting Period & FTC As-Built Elevations - Seep B Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure 2-1B
Raleigh, NC	December 2025

River Elevation During Third Quarter (07/01/2025 through 09/30/2025) - Seep C

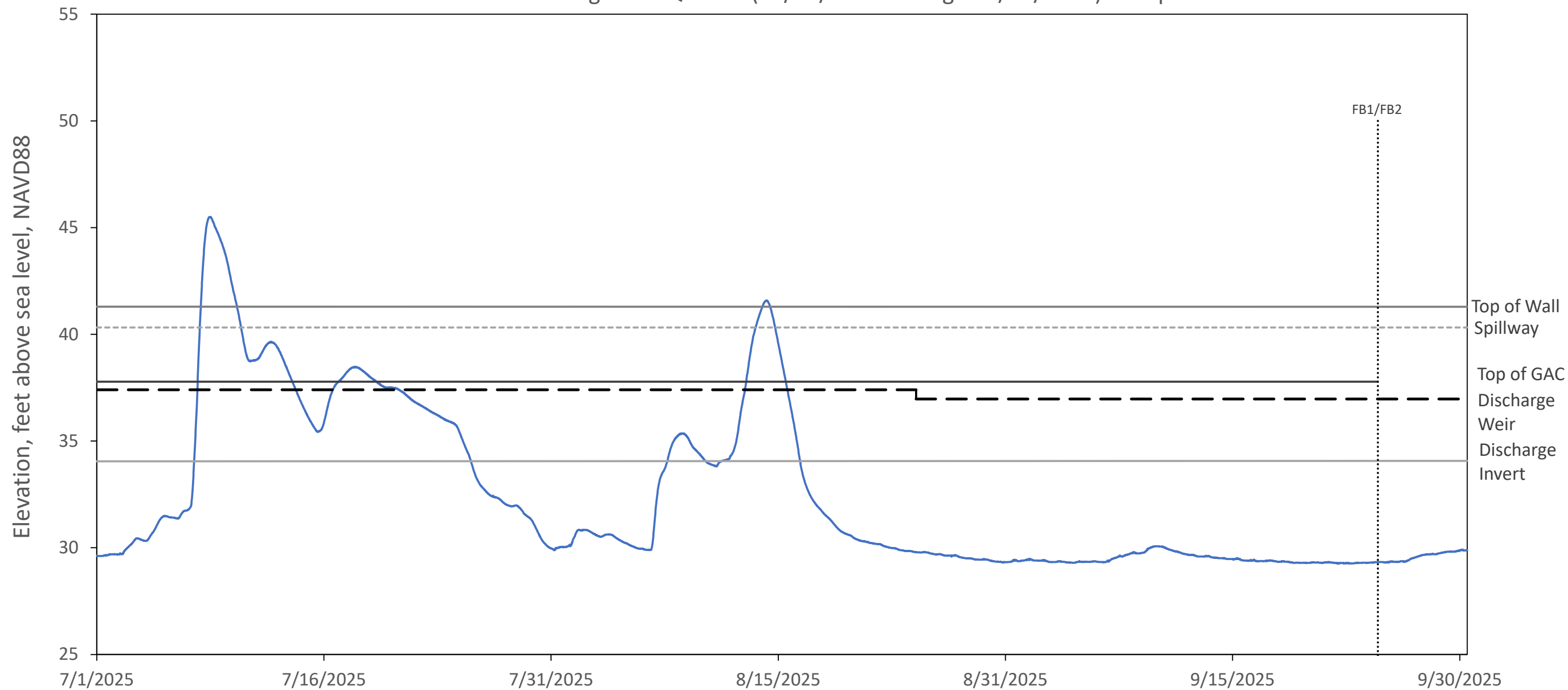


Legend
— River

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.
 GAC = Granular Activated Carbon
 FTC = Flow-Through Cell

River Level During Reporting Period & FTC As-Built Elevations - Seep C Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure 2-1C
Raleigh, NC	December 2025

River Elevation During Third Quarter (07/01/2025 through 09/30/2025) - Seep D



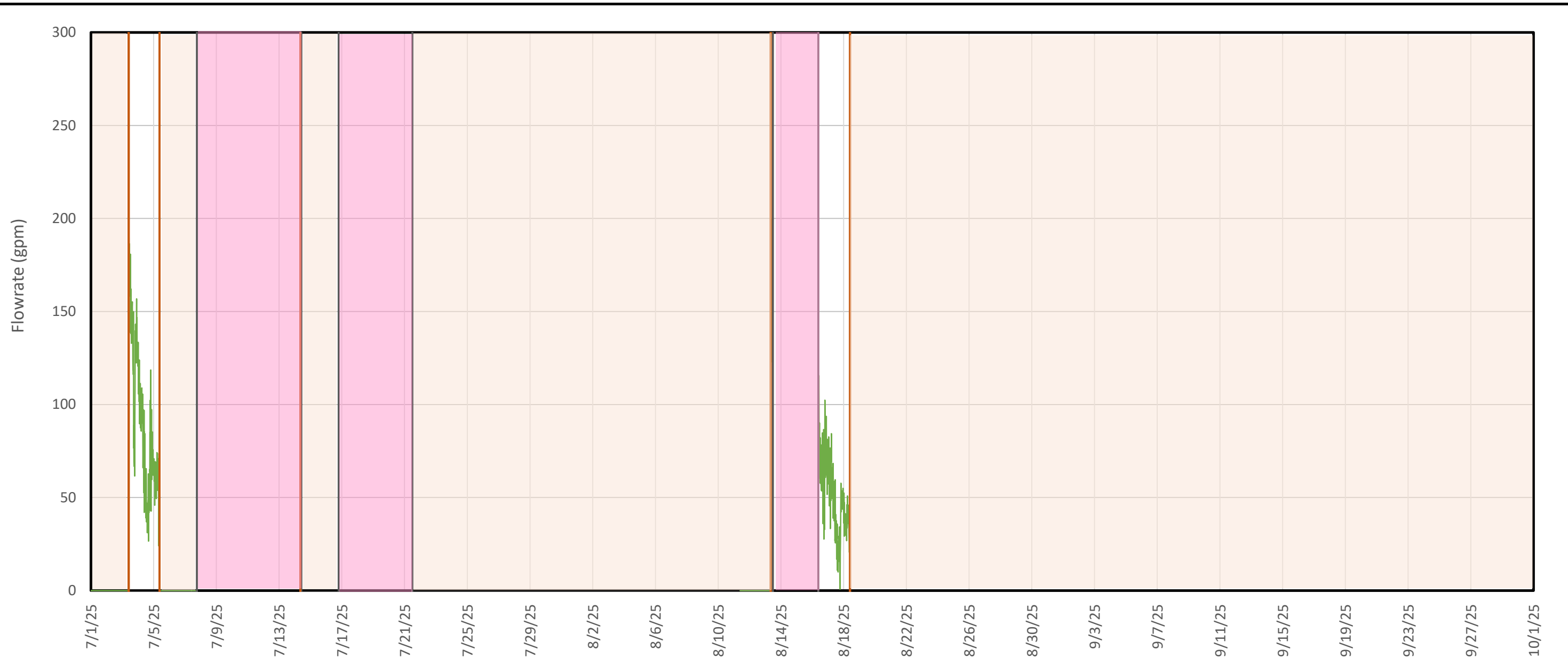
Legend

- River
- GAC Removal

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.
 GAC = Granular Activated Carbon
 FTC = Flow-Through Cell
 FB1/FB2 = Filter Bed 1/Filter Bed 2

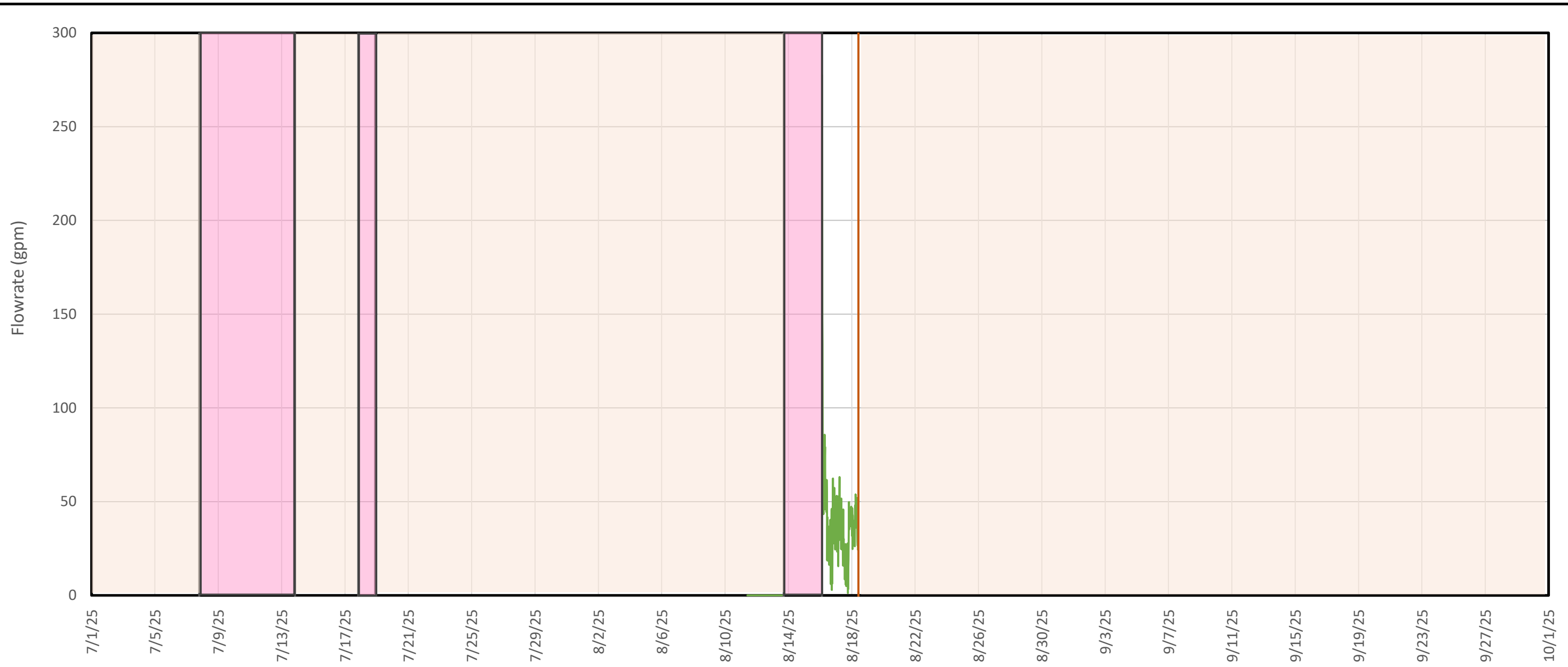
River Level During Reporting Period & FTC As-Built Elevations - Seep D Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure 2-1D
Raleigh, NC	December 2025



- 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 July 7 to 14, July 16 to 21, and August 13 to 16, 2025, 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 2.3.4 for more details.
 FTC - Flow-Through Cell

FTC Discharge Flowrate - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure 2-2A	



Legend

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

Notes:

gpm - gallons per minute

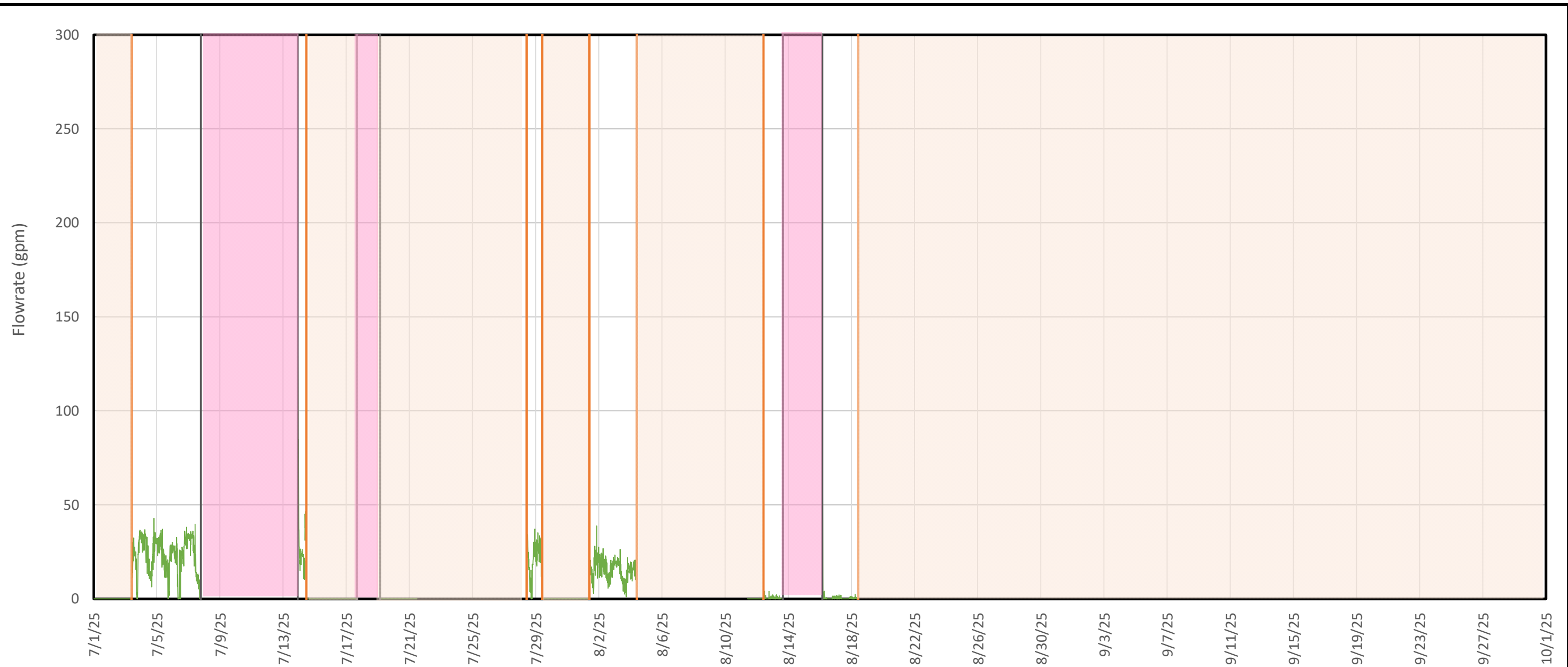
Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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 July 7 to July 13, July 17 to July 18, and August 13 to 16, 2025, 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 2.3.4 for more details.

FTC - Flow-Through Cell

FTC Discharge Flowrate - Seep B		
Chemours Fayetteville Works Fayetteville, North Carolina		
 Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure
Raleigh, NC	December 2025	2-2B



Legend

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

Notes:


gpm - gallons per minute

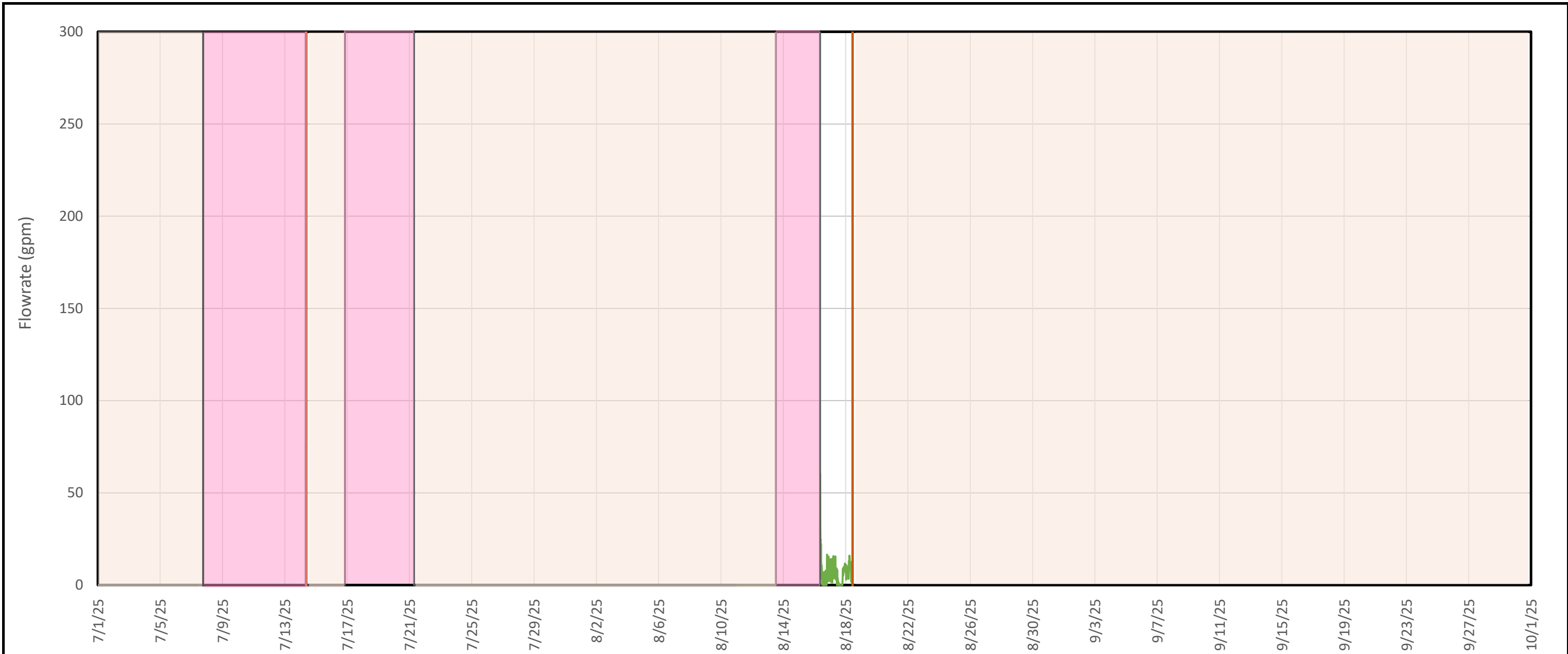
Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

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 July 7 to 13, July 17 to 19, and August 13 to 16, 2025, 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 2.3.4 for more details

FTC - Flow-Through Cell


FTC Discharge Flowrate - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure 2-2C	

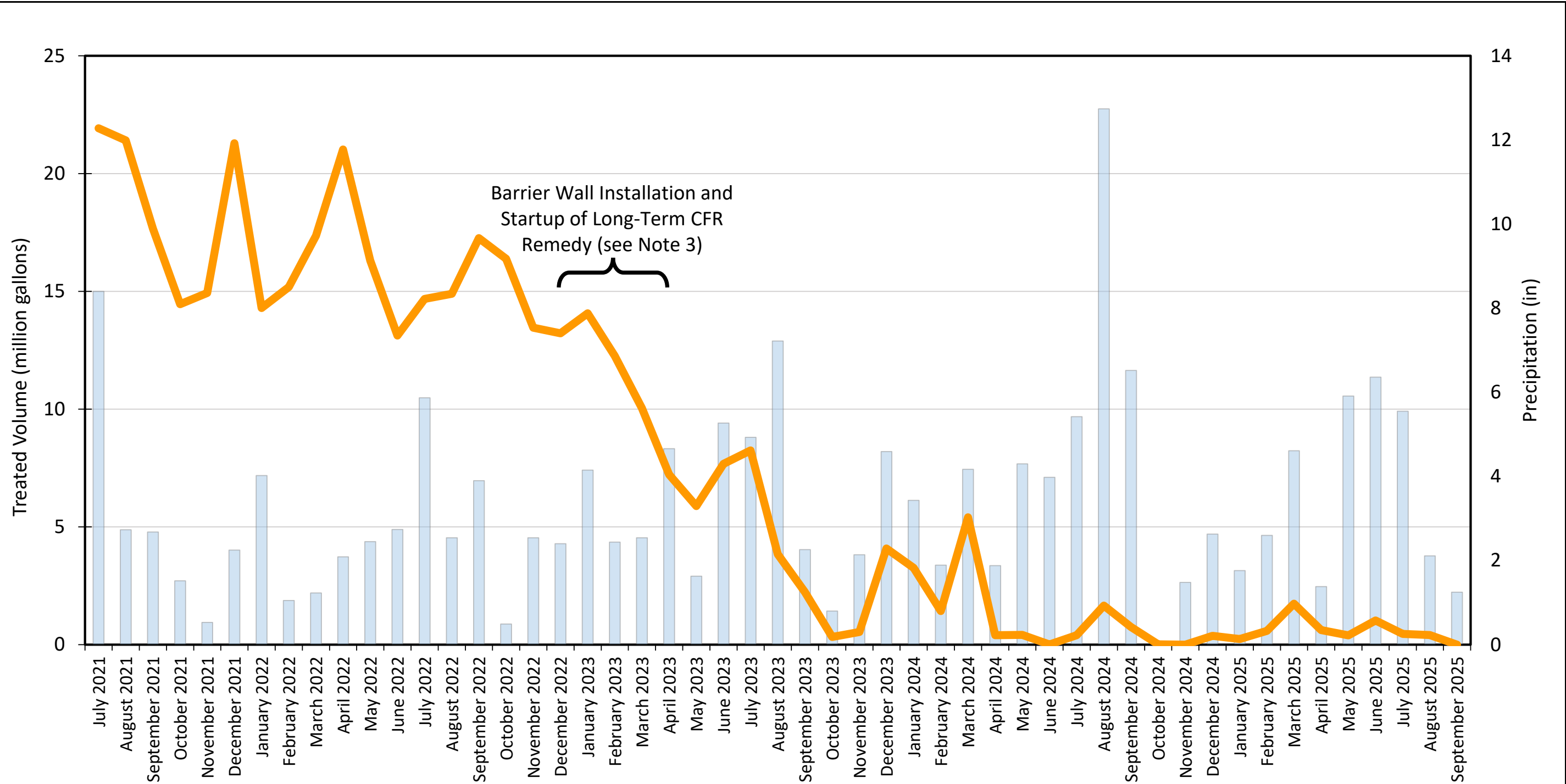


Legend

- 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 July 7 to 14, July 16 to 21, and August 13 to 16, 2025 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 2.3.4 for more details.
 FTC - Flow-Through Cell

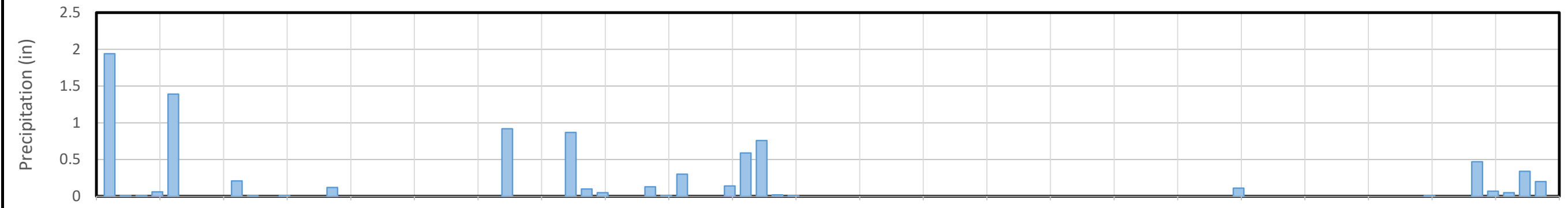
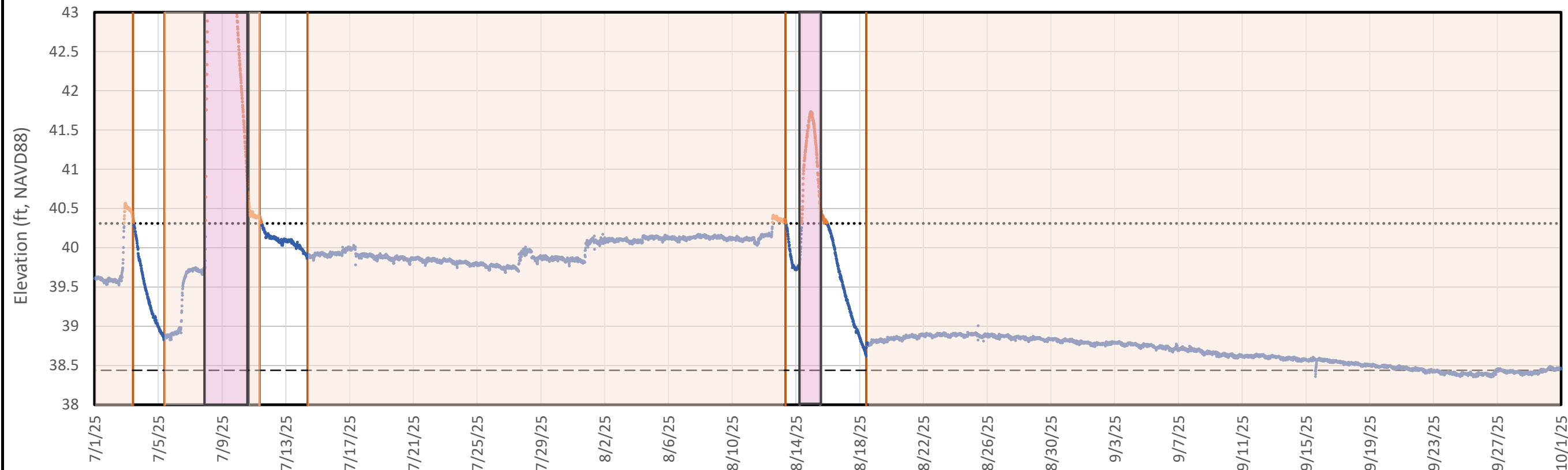
FTC Discharge Flowrate - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure 2-2D	



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

- Notes:
1. 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.
 2. Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam when available.
 3. The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023. The groundwater extraction startup was initiated March 2023 and the ex-situ seep and weep capture systems were initiated April 2023.

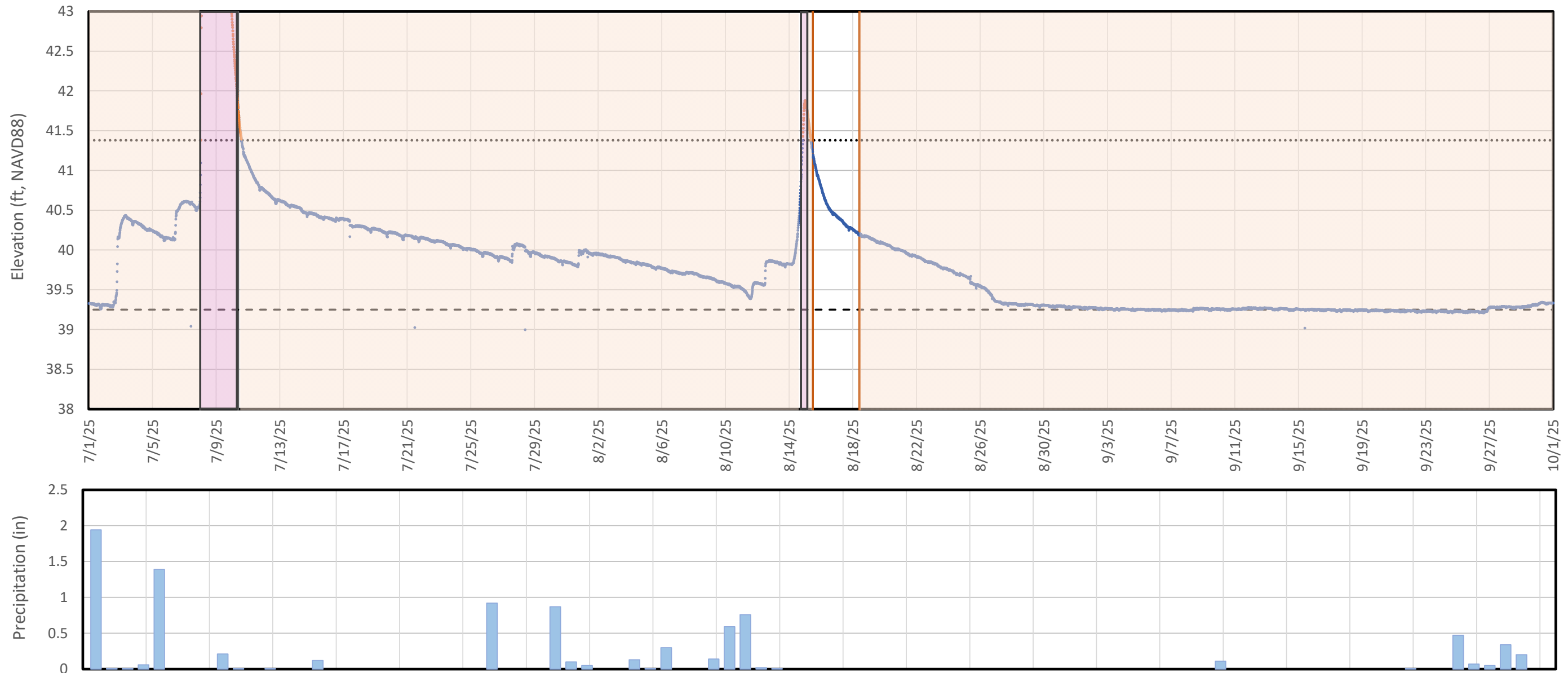
FTC Monthly Total Discharge Volumes	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure 2-3	



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


Notes:
 This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow (if any) are shown as an orange line. Staff gauge data are no longer shown due to lack of precision in the measurements. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading. Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam when available.
 FTC - Flow-Through Cell

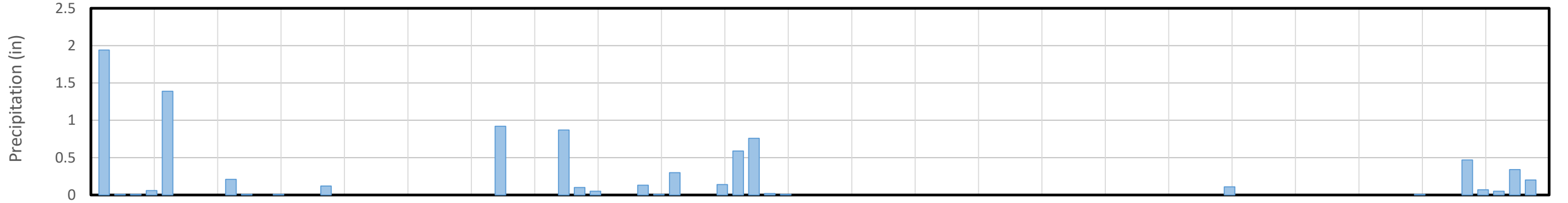
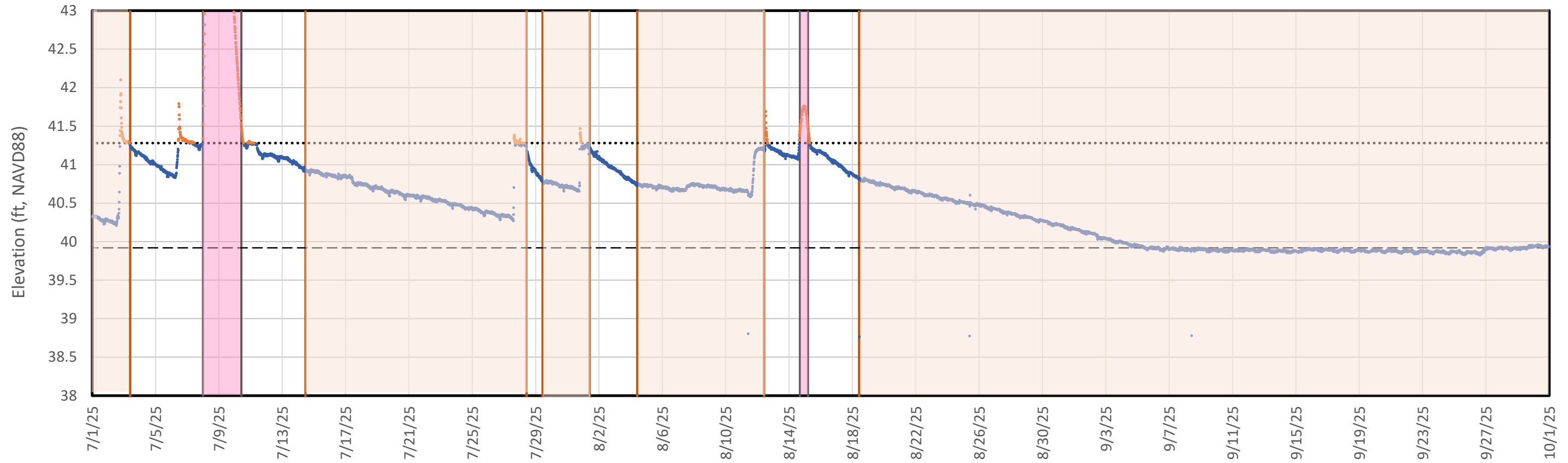
FTC Influent Water Elevation- Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure 2-4A	



- Legend**
- Inlet Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆ Bypass Spillway Elevation
 - Inlet Weir Elevation
 - █ USGS Precipitation (daily totals)
 - █ FTC Off, no flow
 - █ Cape Fear River Above Spillway

Notes:
 This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow (if any) are shown as an orange line. Staff gauge data are no longer shown due to lack of precision in the measurements. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 FTC - Flow-Through Cell

FTC Influent Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
 <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure 2-4B
<small>Raleigh, NC</small>	<small>December 2025</small>



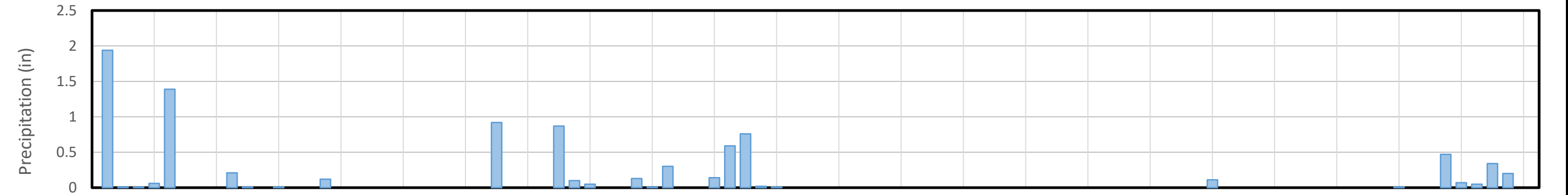
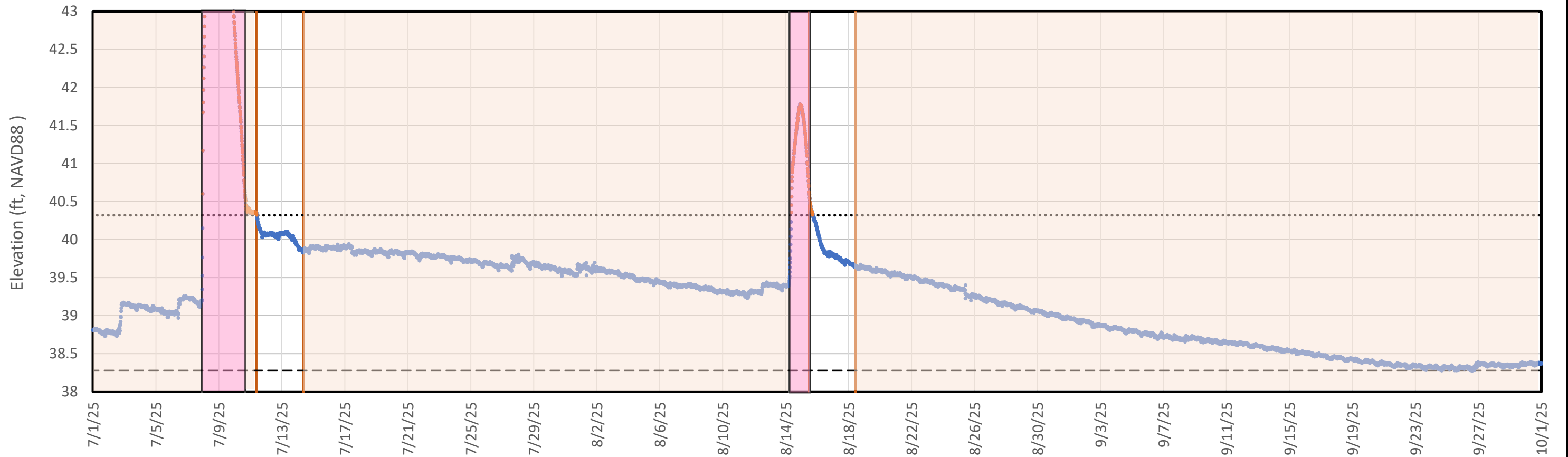
Legend

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

Notes:
 This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow (if any) are shown as an orange line. Staff gauge data are no longer shown due to lack of precision in the measurements. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 FTC - Flow-Through Cell

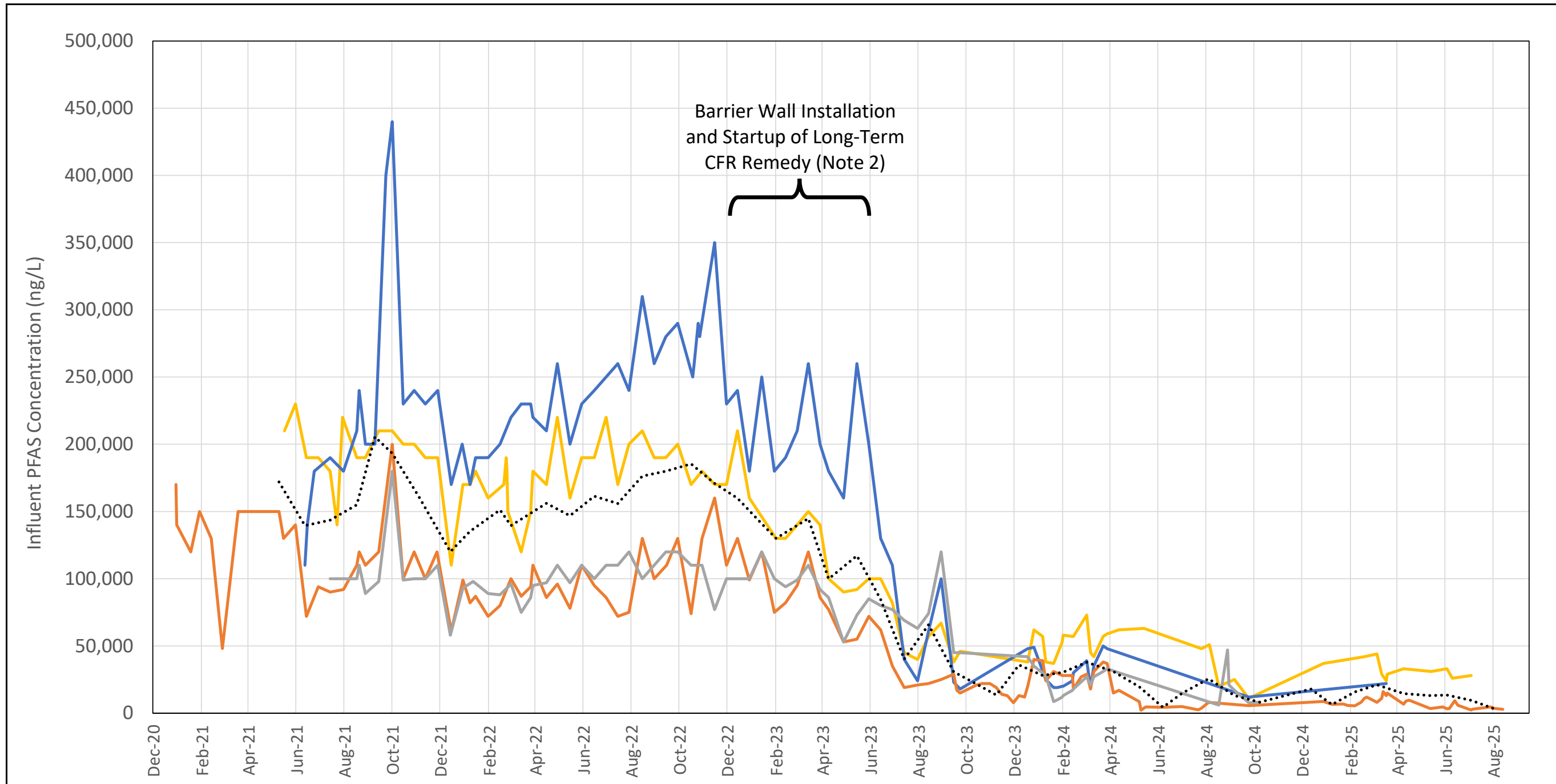
FTC Influent Water Elevation - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
 <small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>	Figure
Raleigh, NC	December 2025
2-4C	



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

Notes:
 This figure depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow (if any) are shown as an orange line. Staff gauge data are no longer shown due to lack of precision in the measurements. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
 FTC - Flow-Through Cell

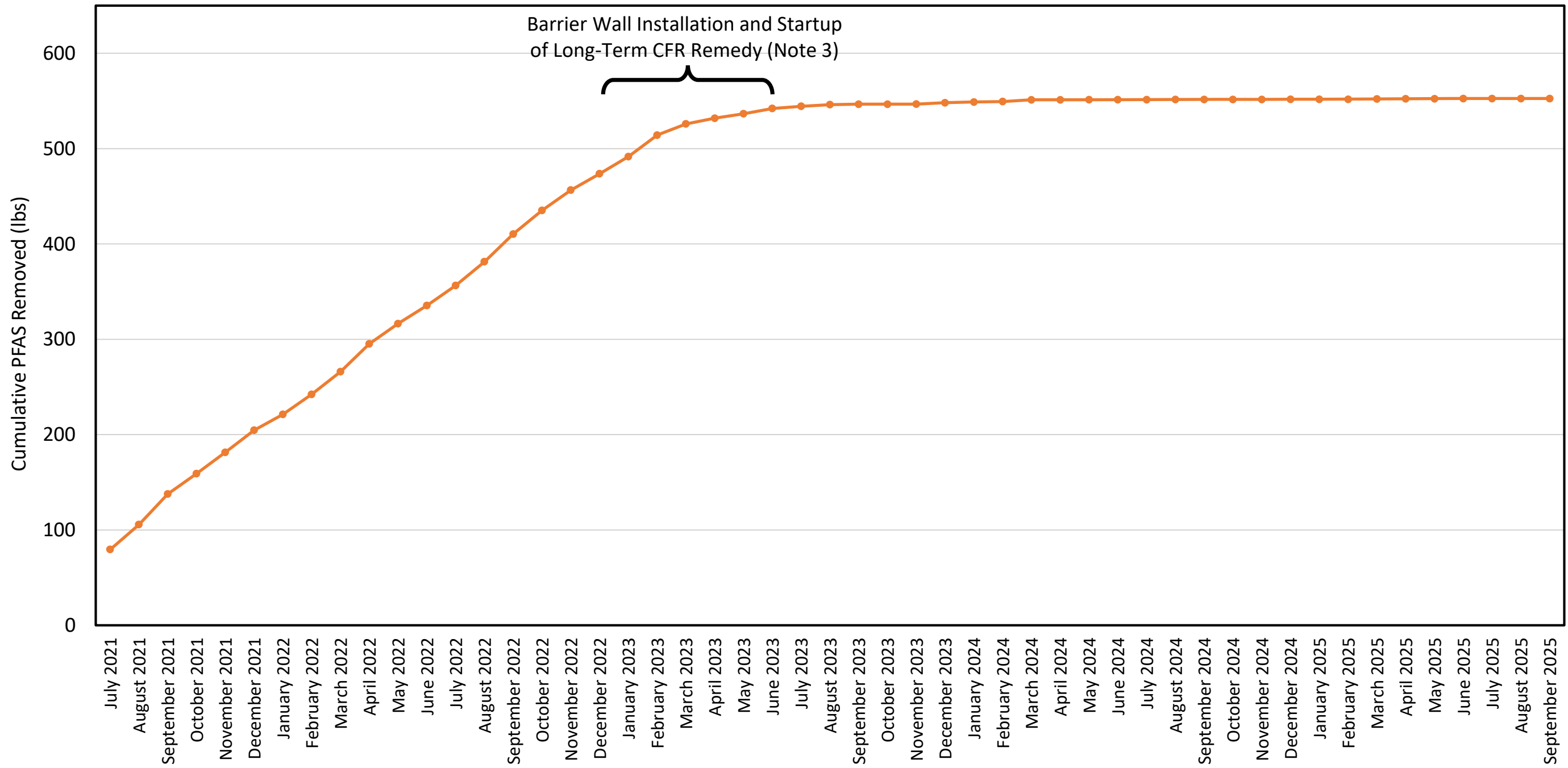
FTC Influent Water Elevation - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure 2-4D	



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

- Notes:
1. The flow through cells (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).
 2. The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023. The groundwater extraction startup was initiated March 2023 and the ex-situ seep and weep capture systems were initiated April 2023.
 3. ng/L = nanograms per liter
 4. CFR = Cape Fear River

FTC Influent PFAS Concentrations	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure 2-5	

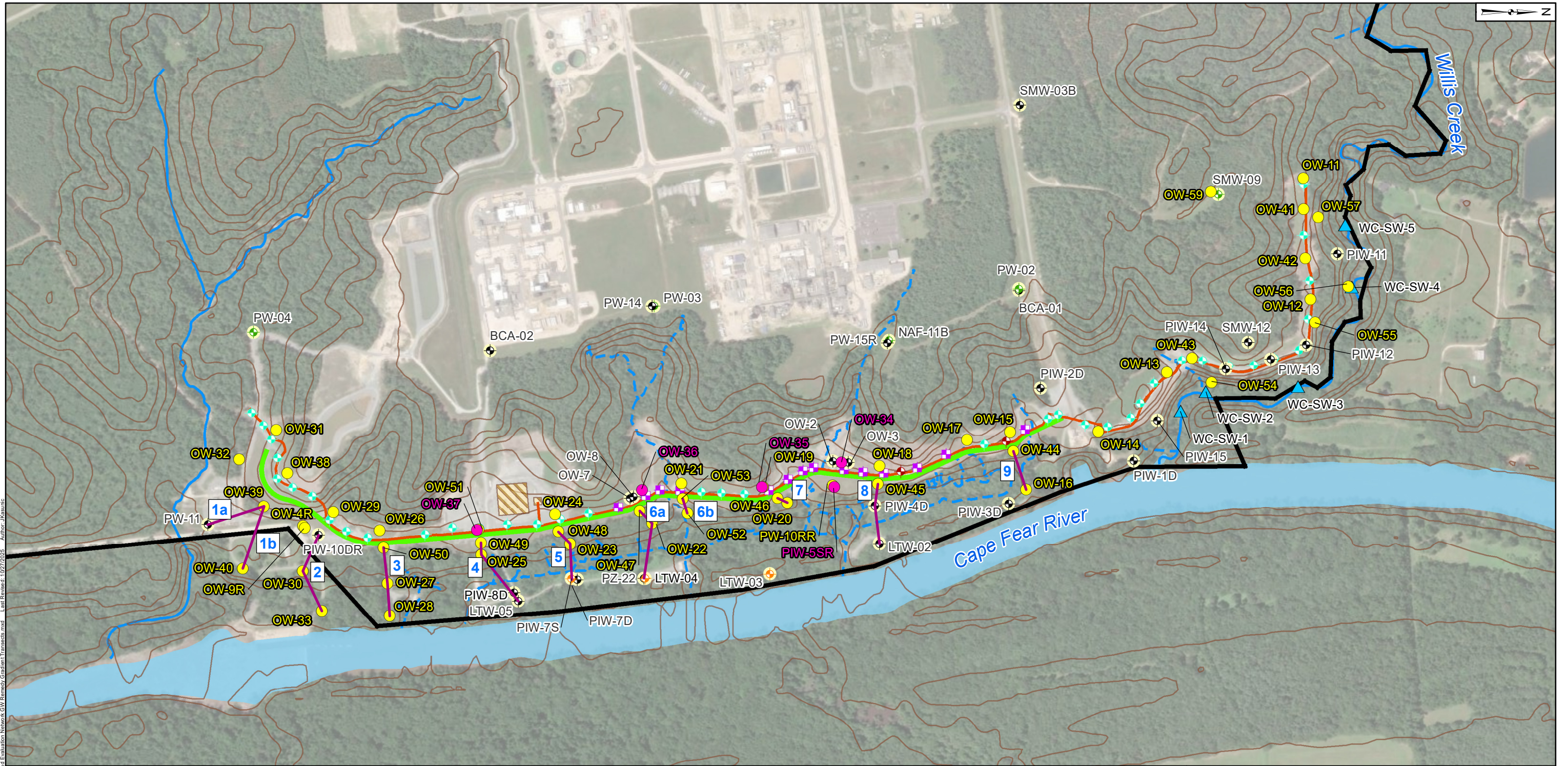


Legend
 — Cumulative PFAS Removed (lbs)

Notes:

1. 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.
2. Total lbs of PFAS removed is calculated for Total Table 3+ (17 Compounds).
3. The barrier wall test panel was installed December 2022, and the remainder of the wall was installed from February through June 2023. The groundwater extraction startup was initiated March 2023 and the ex-situ seep and weep capture systems were initiated April 2023.

FTC Mass Removal Curve	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Geosyntec Consultants of NC, P.C. NC License No.: G 3500 and C 295
Raleigh, NC	December 2025
Figure 2-6	



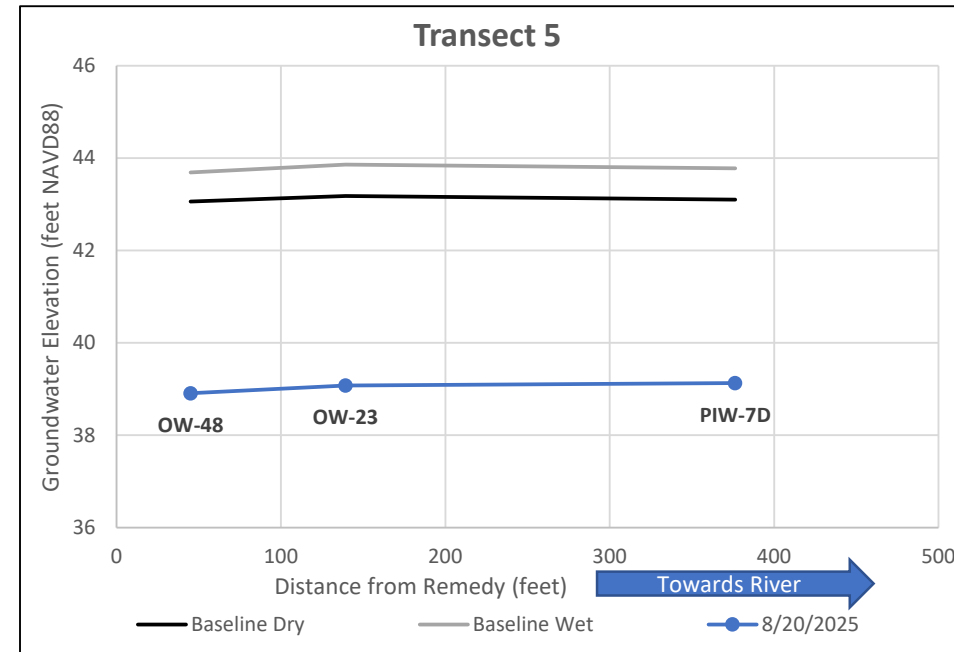
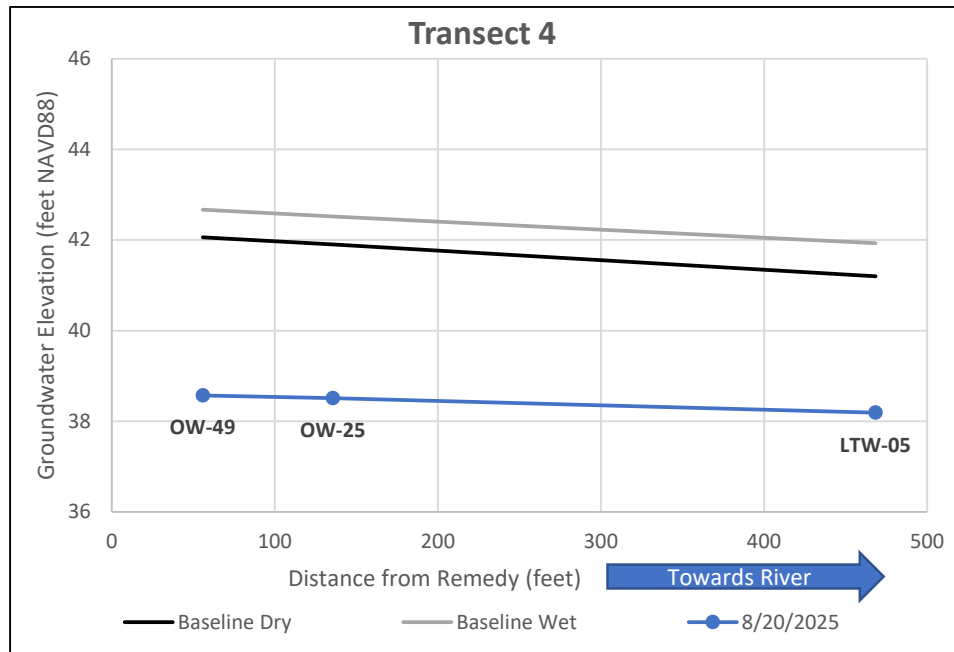
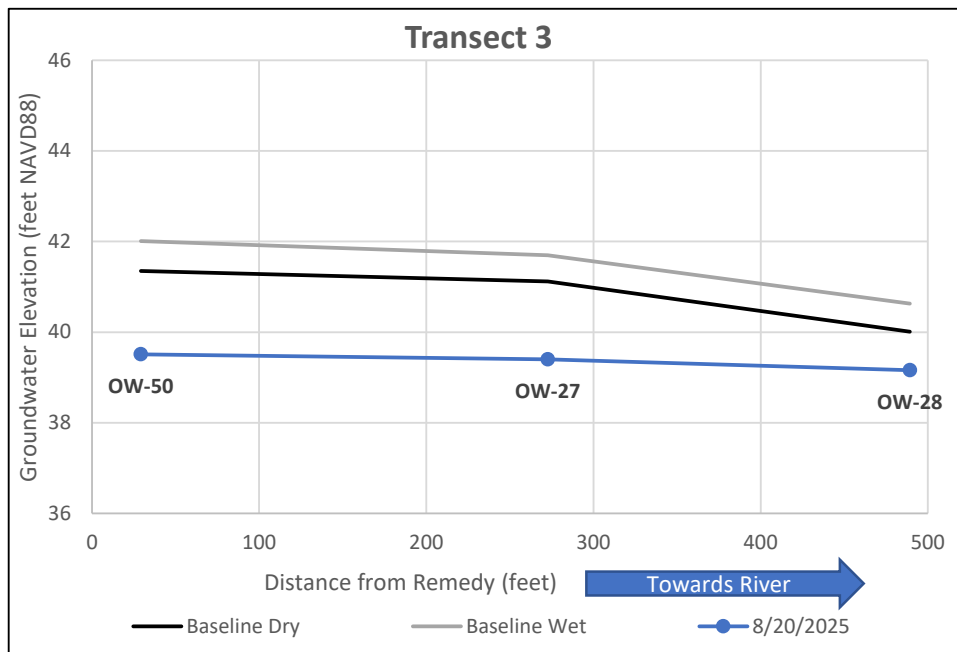
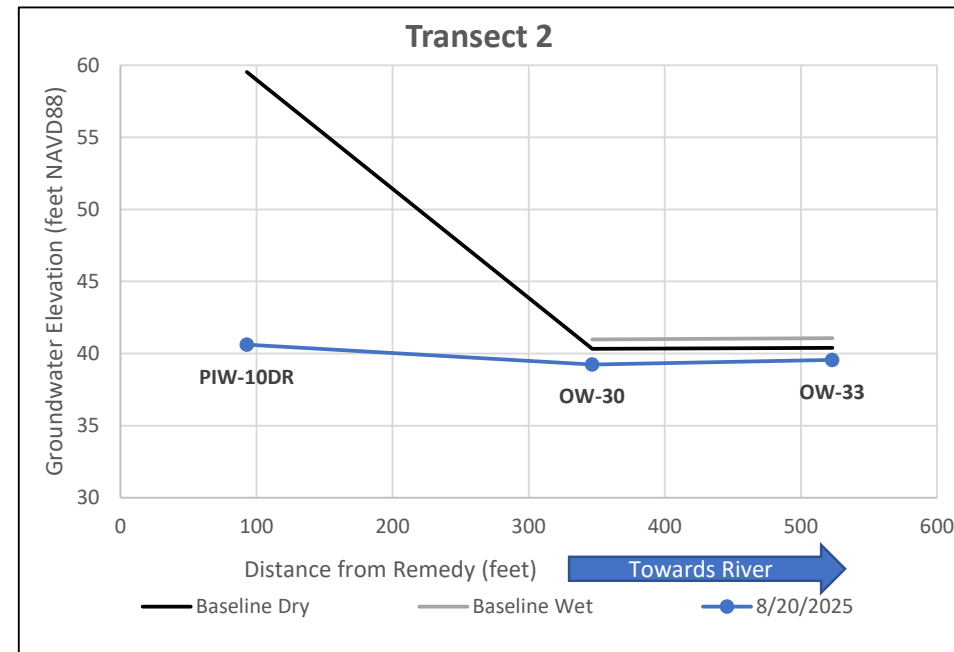
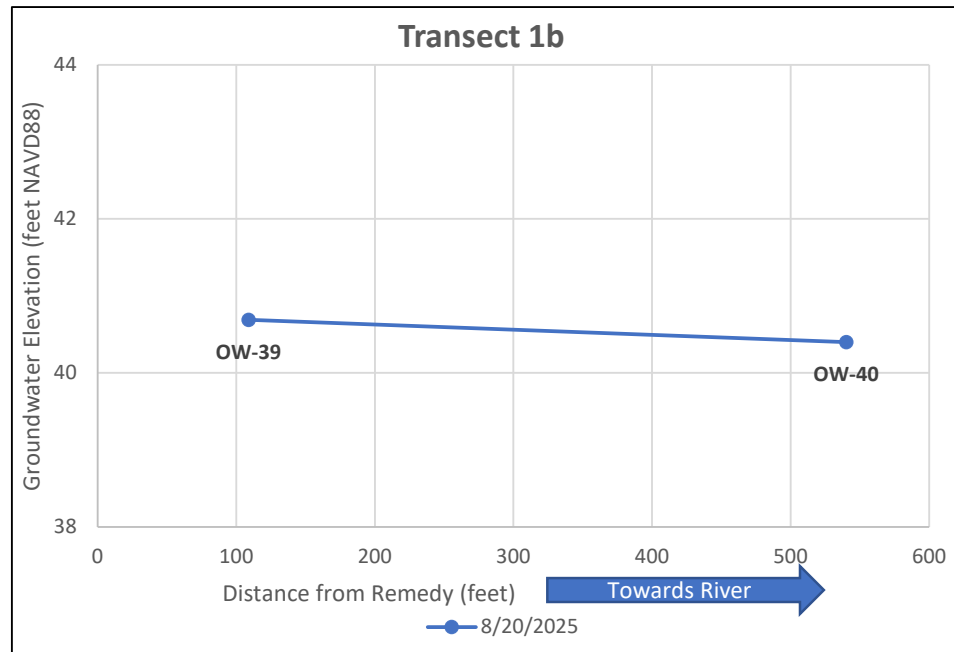
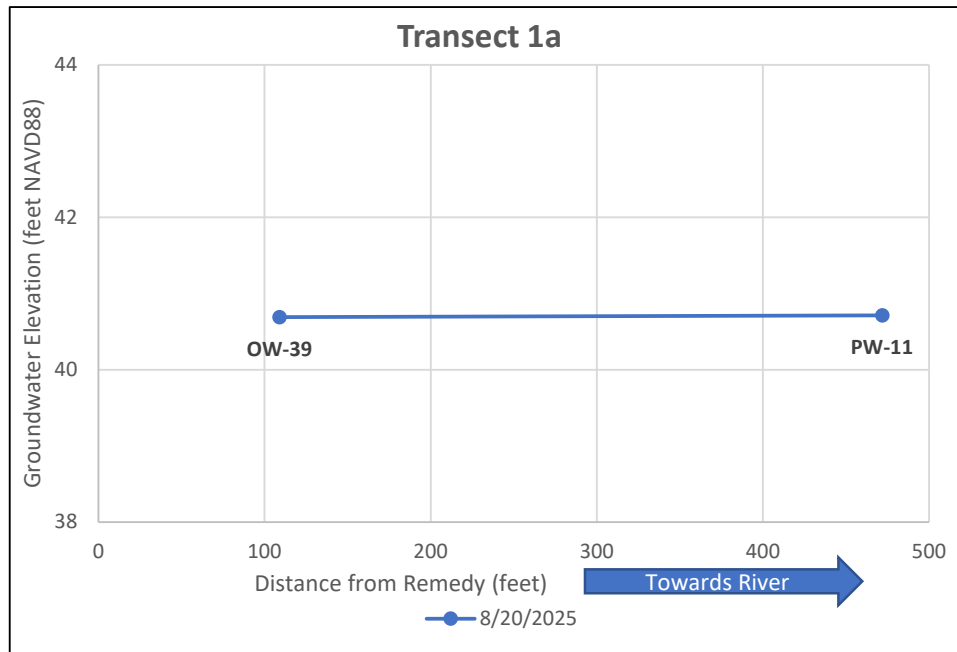
File: P:\P\UP\Projects\TR727\GIS\GISEC\OWMTR727_Hydraulic_Head_Evaluation_Network_SV_Remedy_Gradient_Transsects.mxd
 Last Revised: 12/27/25
 Author: J.Krause
 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet Units in Foot US

<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Hydraulic Head Observation (Existing Well) Hydraulic Head Observation (New Observation Well - Black Creek Aquifer) Hydraulic Head Observation (New Observation Well - Surficial Aquifer) Site Boundary Hydraulic Gradient Transect 	<ul style="list-style-type: none"> Force main 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.
- Figure 6-2 shows the groundwater elevation data charts for the hydraulic gradient transects.
- Some wells have been offset for visibility. Therefore, the placement of wells on this map do not reflect their true geographic coordinates.
- 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>).
- The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Hydraulic Head Evaluation Network for Groundwater Remedy Chemours Fayetteville Works, North Carolina	
 Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure 6-1	

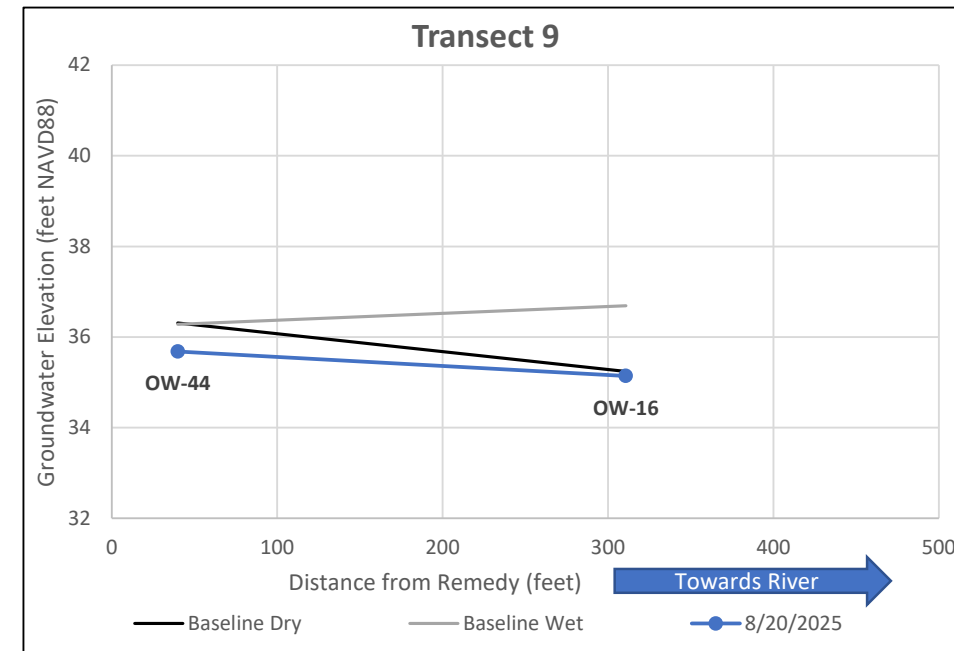
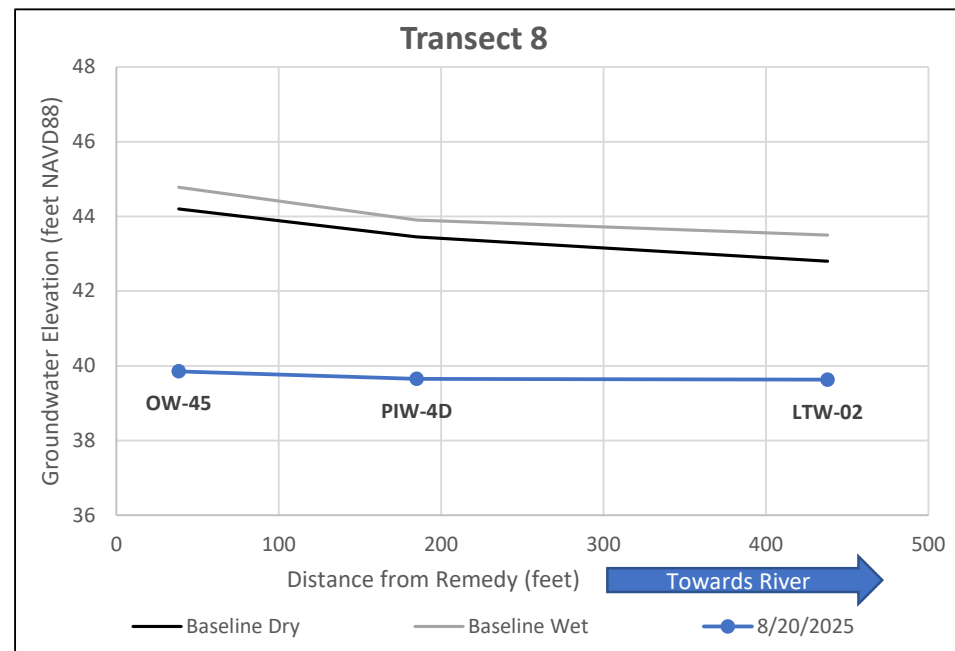
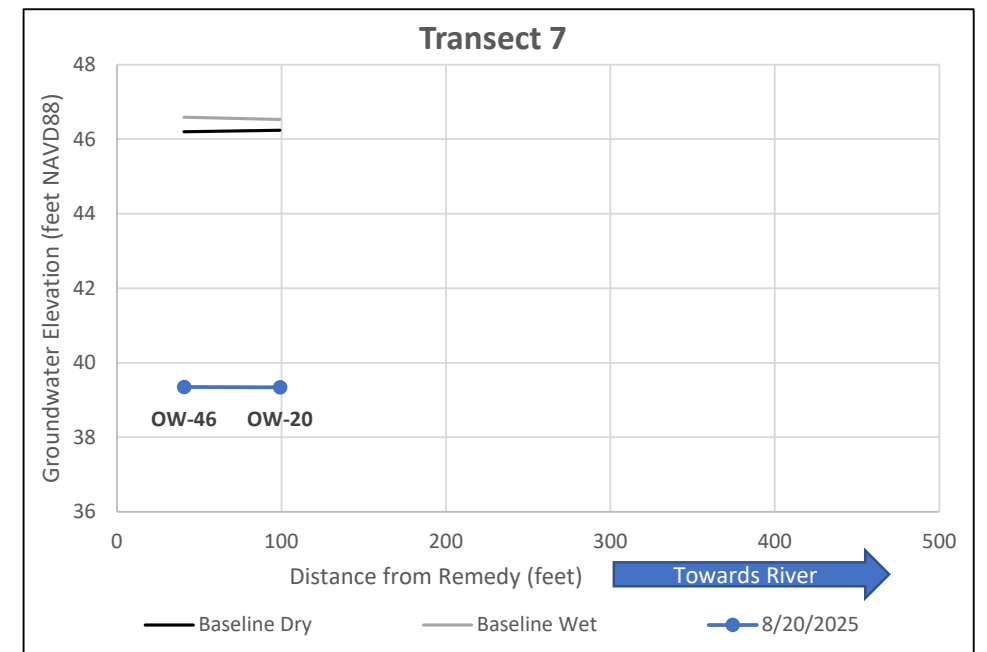
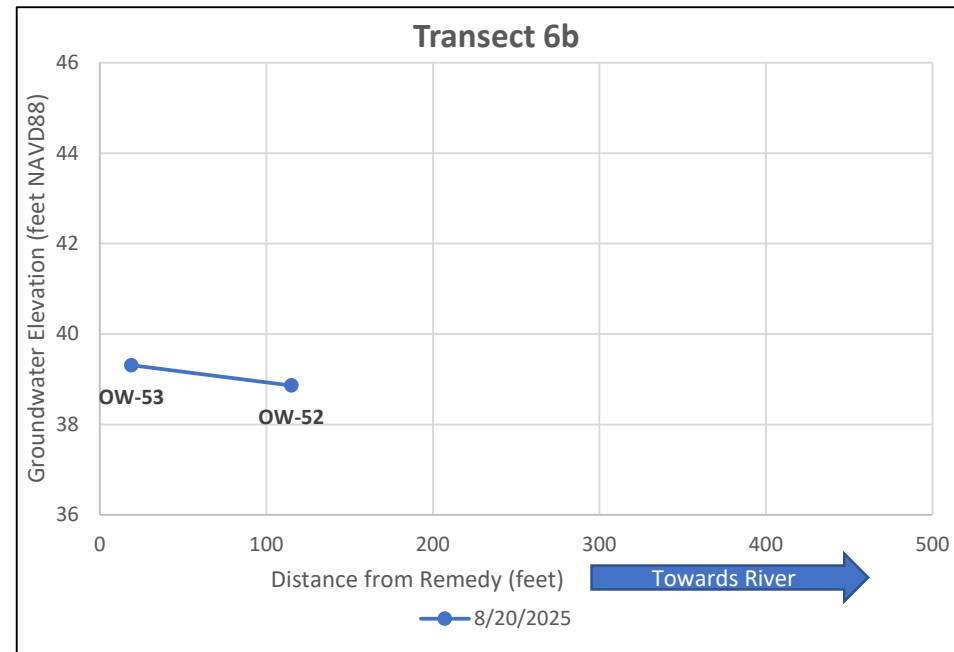
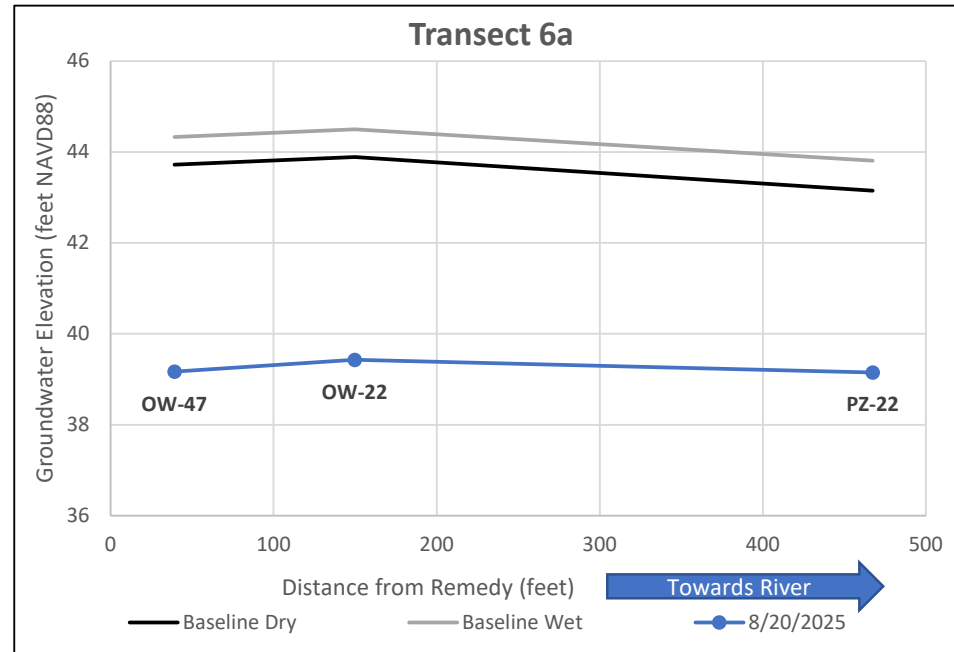


Notes:

- Figure 6-1 shows the locations of the hydraulic gradient transects and associated wells.
- 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.
- Baseline data are not available for OW-39 and OW-40 due to the installation of the barrier wall, and for 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 approximately 59-64 feet NAVD88.

Southern Alignment - Downgradient Groundwater Transects	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

**Figure
6-2A**

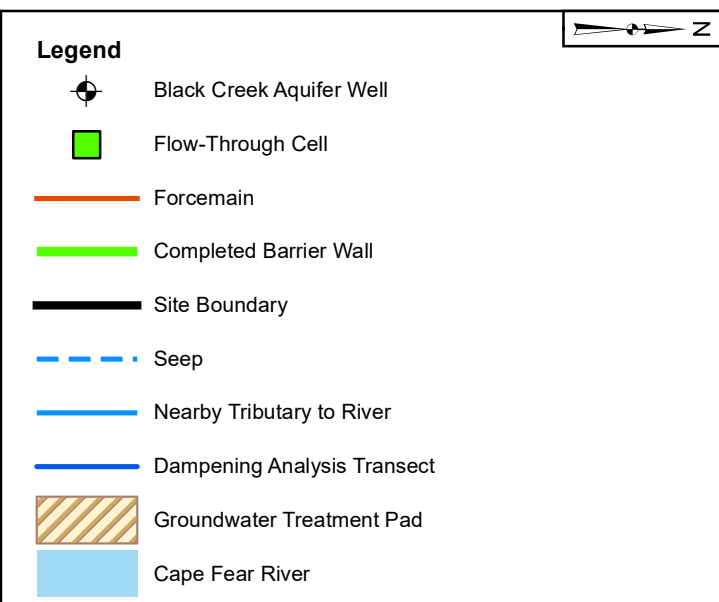
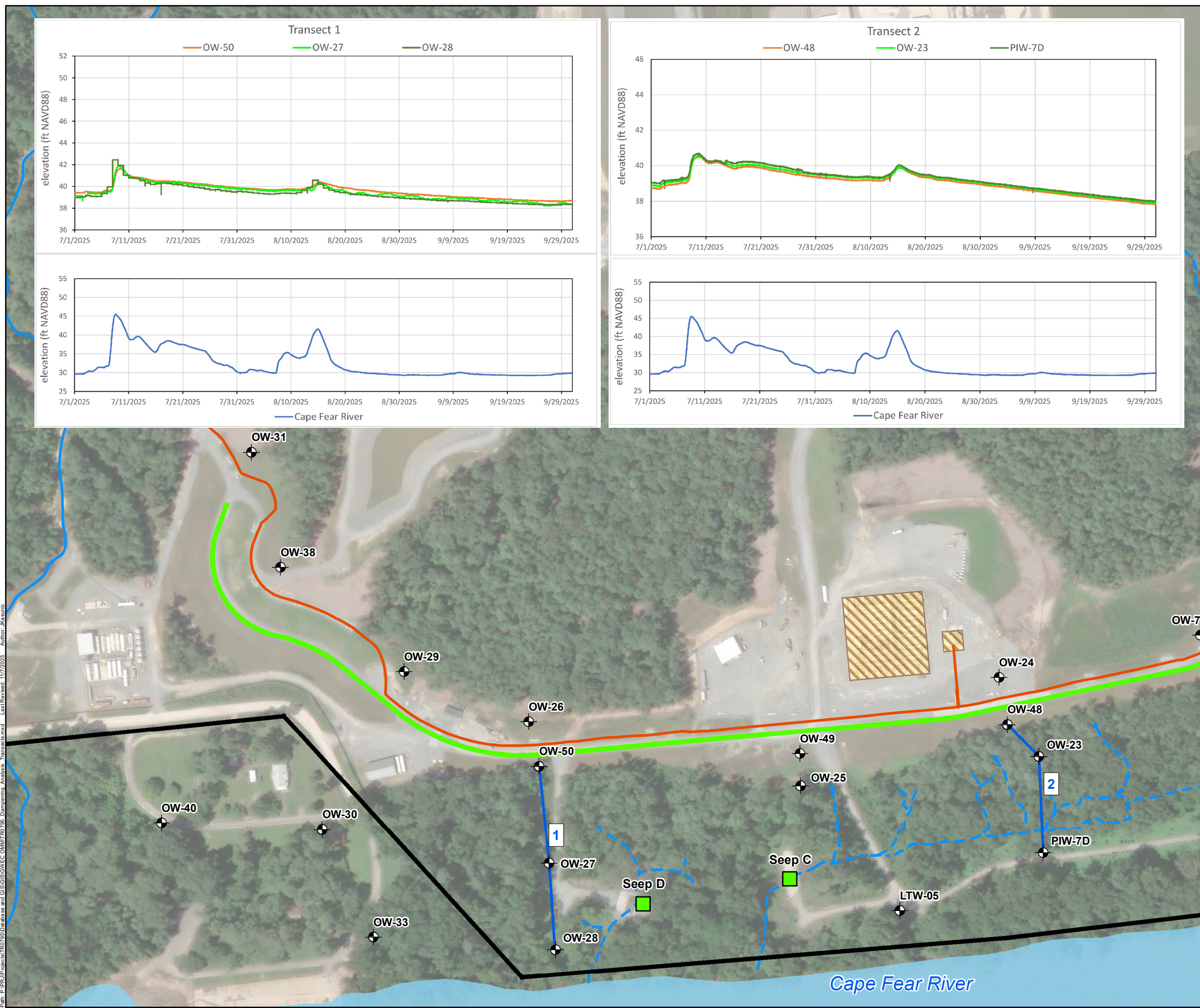


Notes:

1. Figure 6-1 shows the locations of the hydraulic gradient transects and associated wells.
2. 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.
3. Baseline data are not available for OW-52 and OW-53 because these wells were constructed after the commissioning of the groundwater extraction and barrier wall remedy.

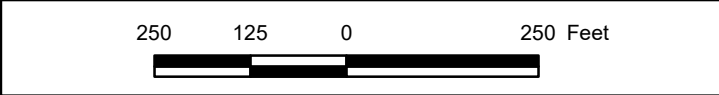
Southern Alignment - Downgradient Groundwater Transects Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

**Figure
6-2B**



Notes:

1. Gap in elevation data for OW-16, OW-27, and OW-44 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.

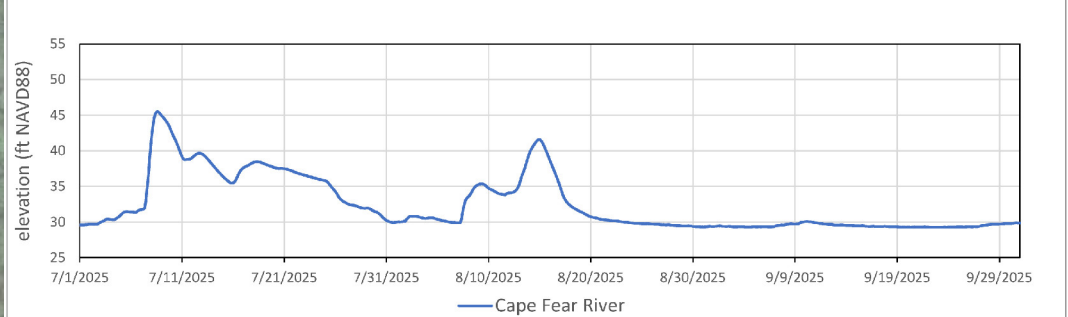
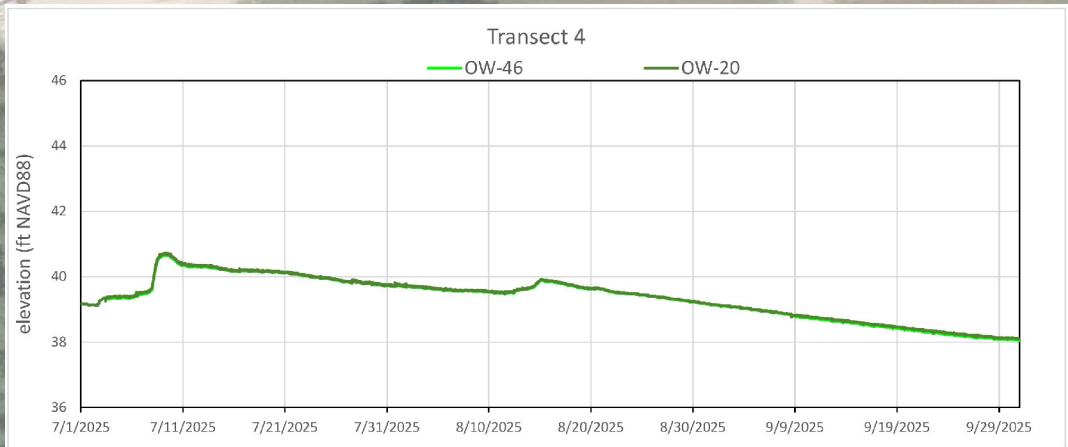
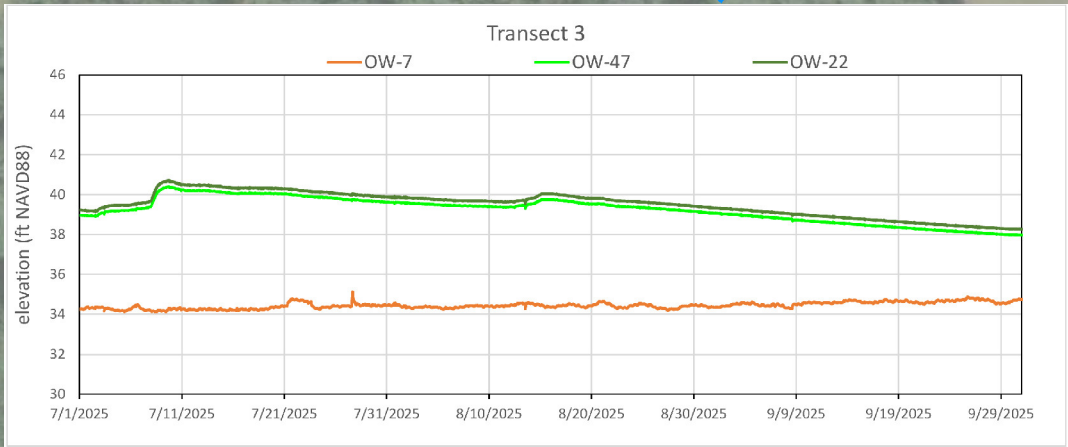


**Southern Alignment -
Dampening Analysis Transects**
Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure 6-3A
	Raleigh, NC	

Path: P:\P\Projects\TR0725\GIS\GWECC\DMAT\TR75 - Dampening Analysis - Transects.mxd Last Revised: 11/7/2025 Author: JKaune

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

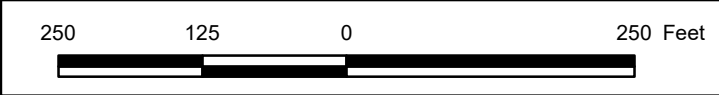


Legend

- Black Creek Aquifer Well
- Flow-Through Cell
- Forcemain
- Completed Barrier Wall
- Site Boundary
- Seep
- Dampening Analysis Transect
- Cape Fear River

Notes:

1. Gap in elevation data for OW-16, OW-27, and OW-44 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.

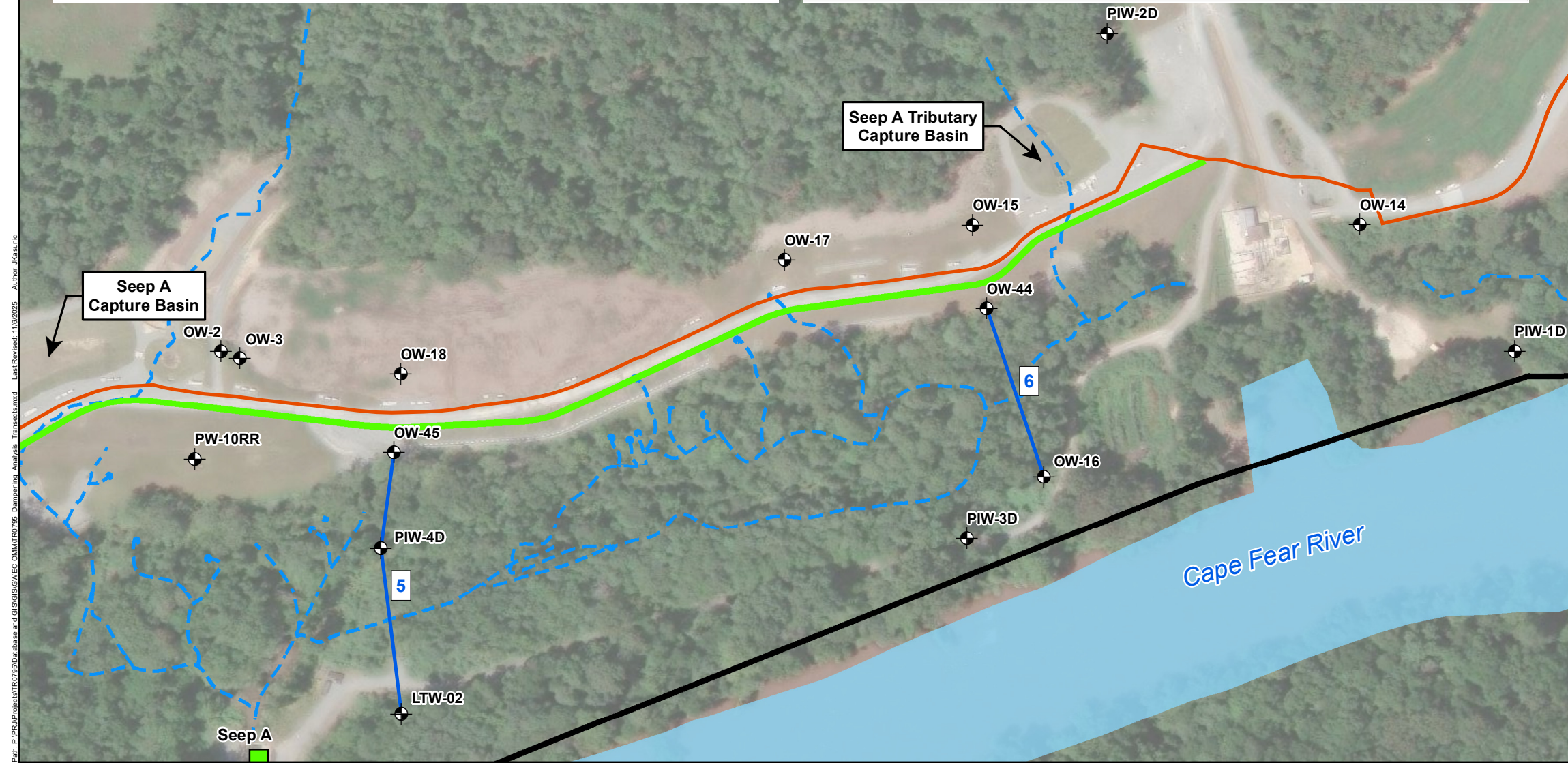
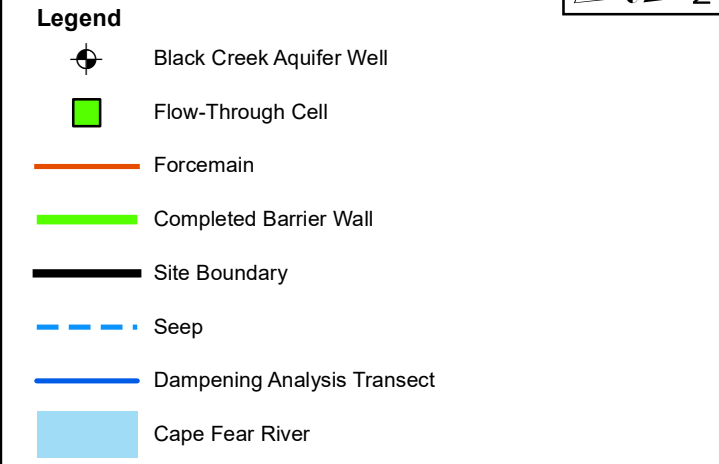
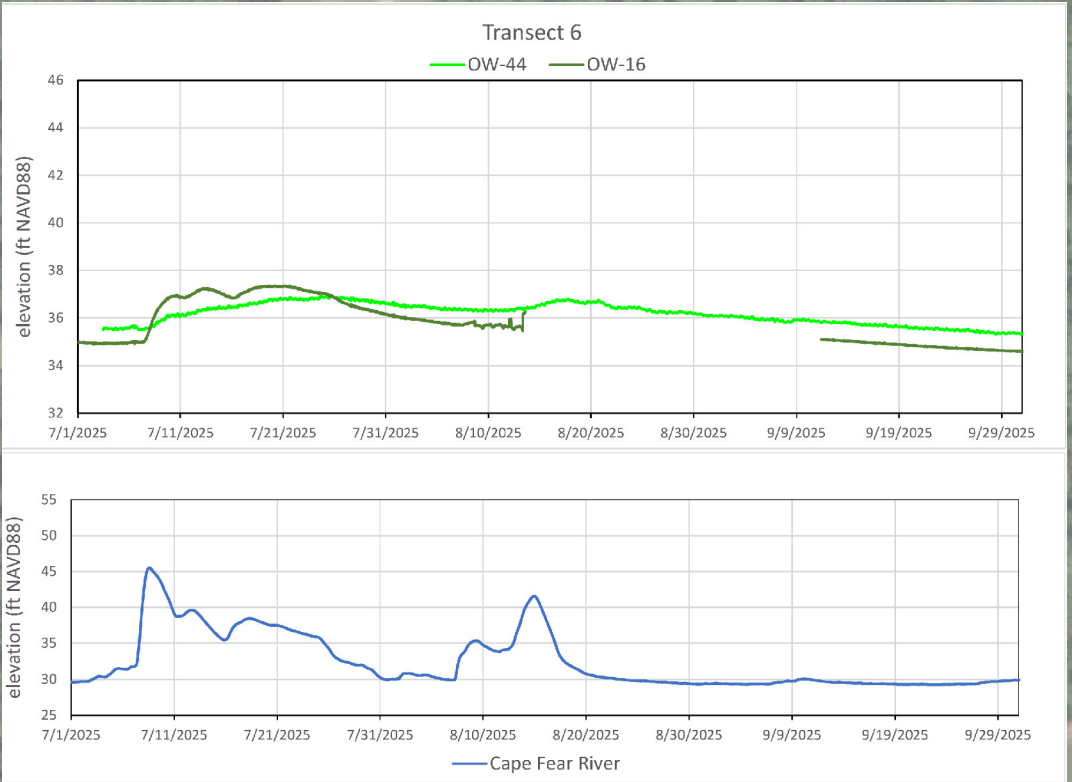
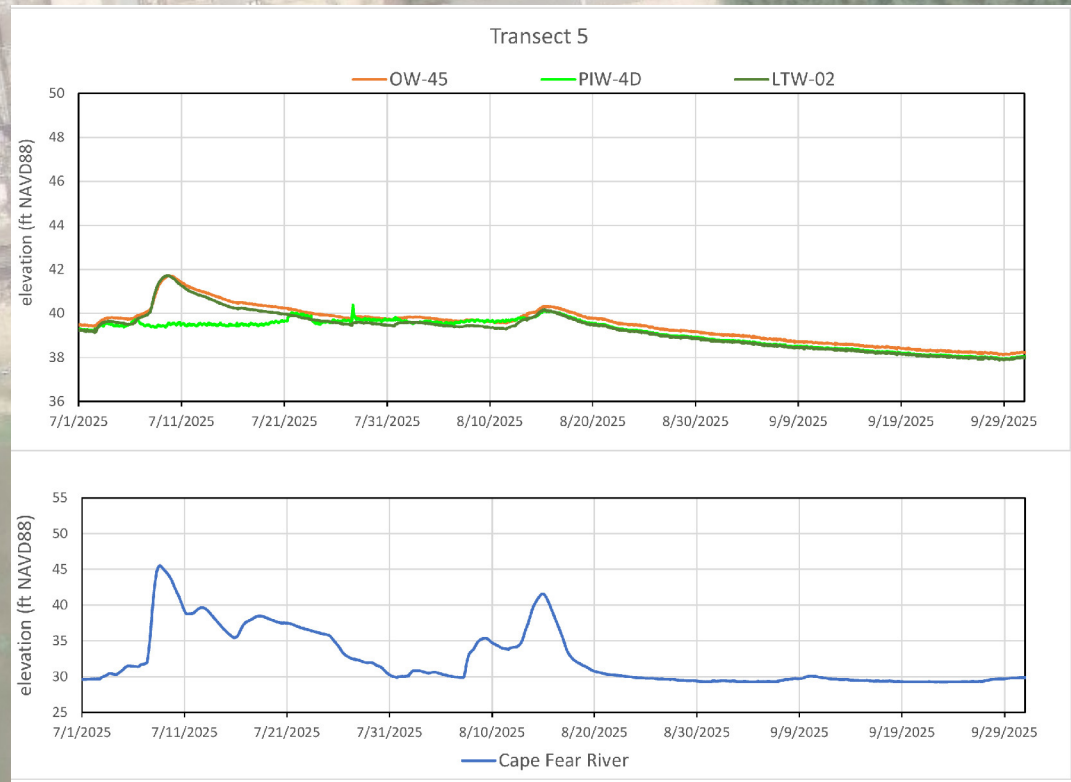


**Southern Alignment -
Dampening Analysis Transects**
Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure 6-3B
	Raleigh, NC	

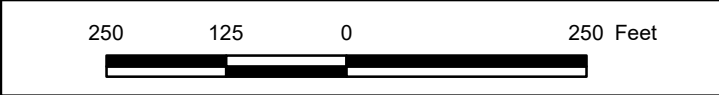
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet Units in Foot US



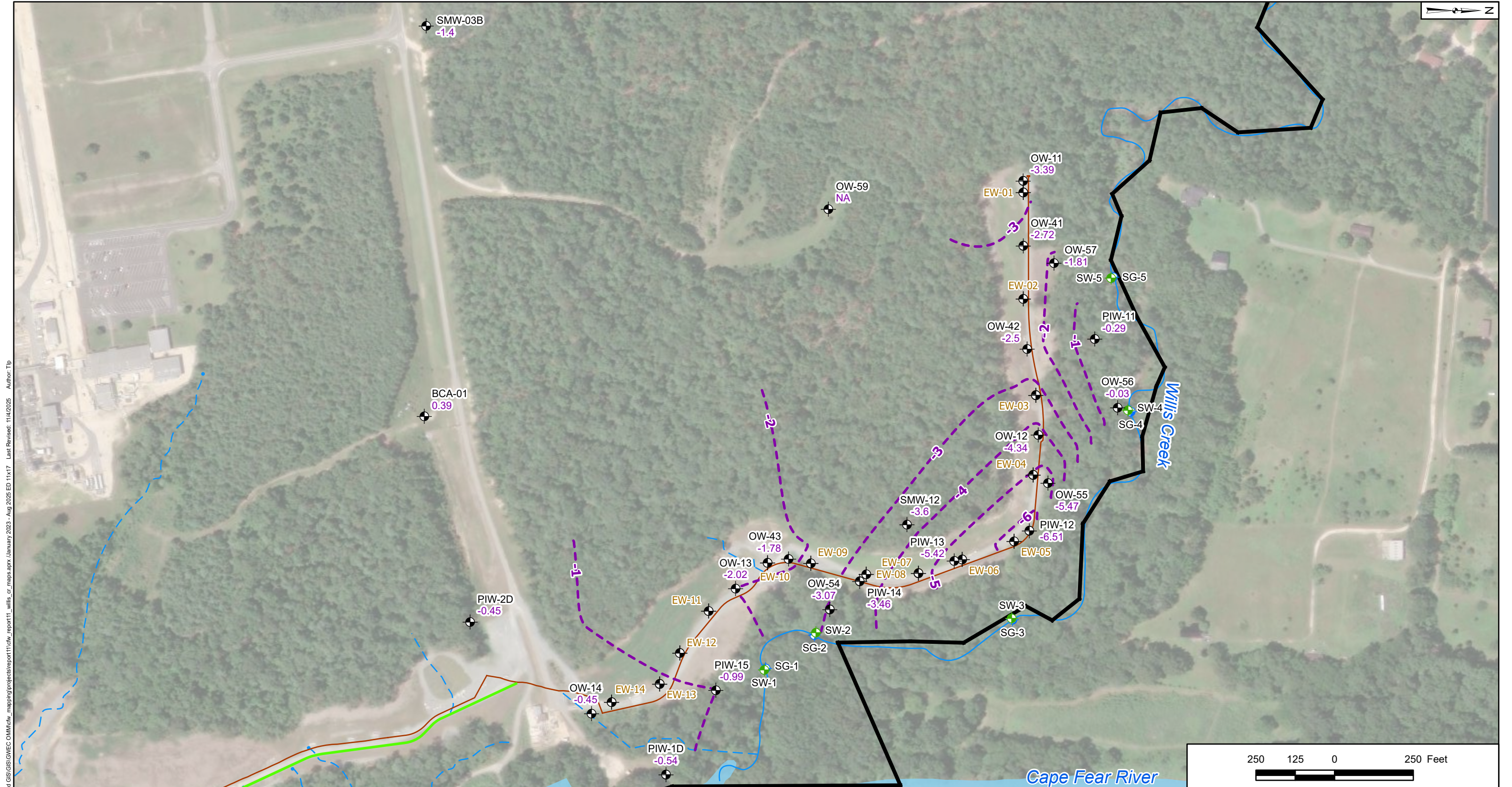
Notes:

1. Gap in elevation data for OW-16, OW-27, and OW-44 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.



Southern Alignment - Dampening Analysis Transects
Chemours Fayetteville Works, North Carolina

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



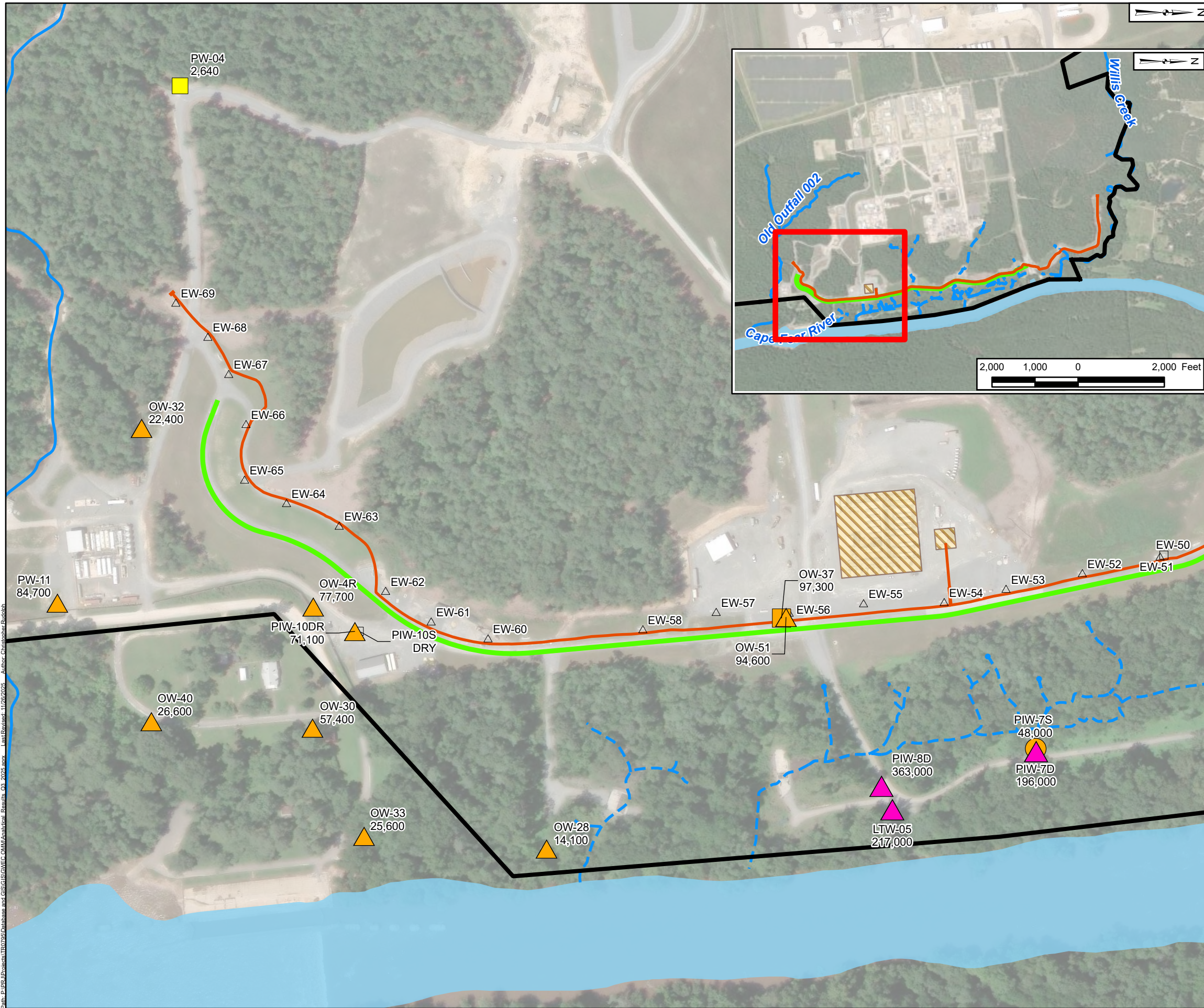
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Legend			
	Black Creek Aquifer		August 2025 Elevation Difference
	Staff Gauge		Barrier Wall
	Stilling Well		Forcemain
	Extraction Well		Site Boundary
			Seep
			Nearby Tributary
			Cape Fear River

Notes:

- Elevation difference = monthly elevation - January 2023 elevation
- Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
- Antecedent daily total rainfall (August 17-19): 0.00 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
- The elevation difference contour lines are not extended in the region that is north and east of the monitoring wells PIW-12 and PIW-13 (between forcemain and Willis Creek) because steep topography of this region did not allow for installation of additional wells.
- For BCA-01, January 2023 baseline elevations are unavailable because of interim pumping of the Black Creek Aquifer being performed at this location. To calculate monthly elevation difference, the September 2023 elevation is used as baseline.
- For OW-59, elevation difference is not applicable (NA) because the well was installed in November 2024 and there is no representative baseline elevation to compare monthly elevation.

Northern Alignment Elevation Difference	
Chemours Fayetteville Works, North Carolina	
 Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Figure 6-4	
Raleigh, NC	December 2025



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

— Site Boundary

— Forcemain

— Barrier Wall; approximate surface elevation at 72 feet NAVD88

▨ Groundwater Treatment Pad and Break Tank

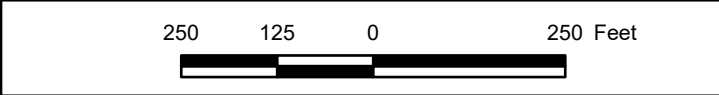
- - - Seep

— Nearby Tributary to River

— Cape Fear River

Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs) and Willis Creek (WC) locations from sampling performed in Q3 2025. Wells PIW-10S and PIW-5SR were dry. Symbols and identification of unsampled locations are shown for reference.
- The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



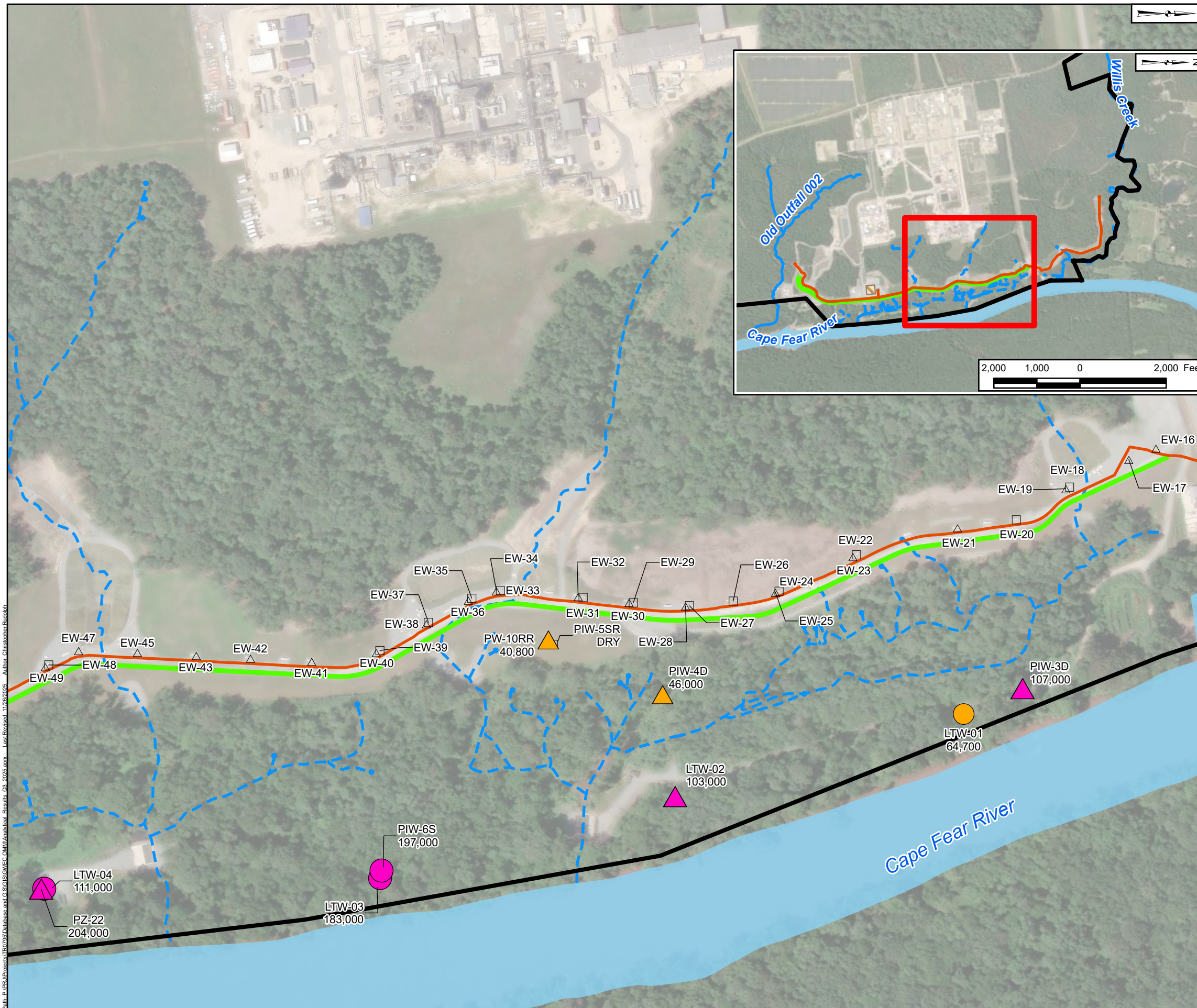
PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

<p>Geosyntec consultants</p>	<p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p>	<p>Figure 6-6A</p>

Path: P:\PER\Projects\11202025\GIS\GIS\GISEC\COMM\Analytical_Results_C3_2025.aprx
 Last Revised: 11/20/2025
 Author: Christopher Bledsoe

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

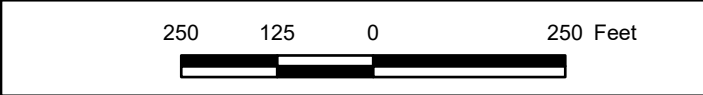
Total Table 3+ PFAS, 17 Compounds (ng/L)

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

- Site Boundary
- Forcemain
- Barrier Wall; approximate surface elevation at 72 feet NAVD88
- - - Seep
- Cape Fear River

Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs) and Willis Creek (WC) locations from sampling performed in Q3 2025. Wells PIW-10S and PIW-5SR were dry. Symbols and identification of unsampled locations are shown for reference.
- The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



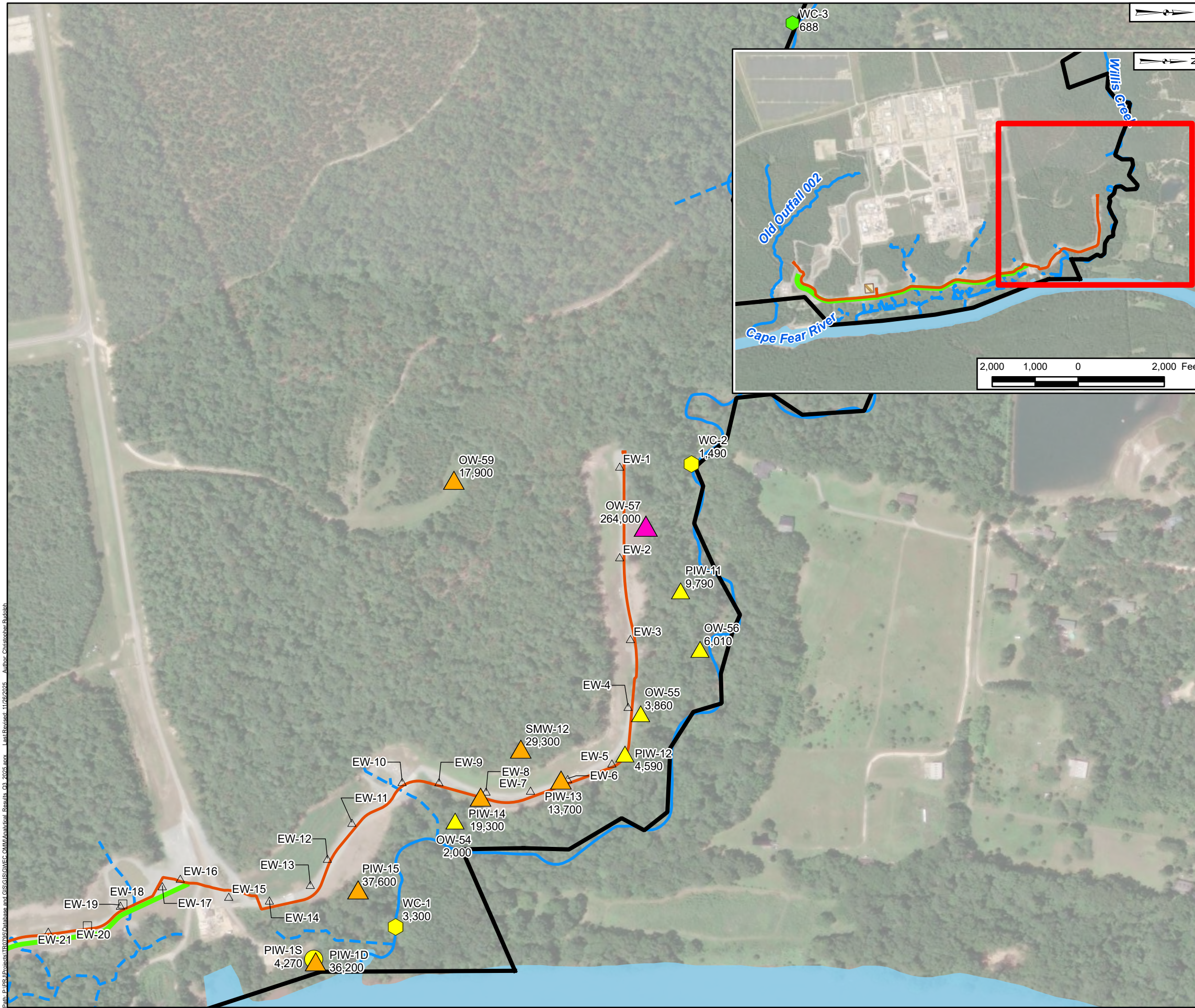
PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

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

Path: P:\PER\Projects\W07250\GIS\GISEC\MM\Analytical_Results_03_2025.aprx
 Last Revised: 11/20/2025
 Author: Christopher Buehler

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



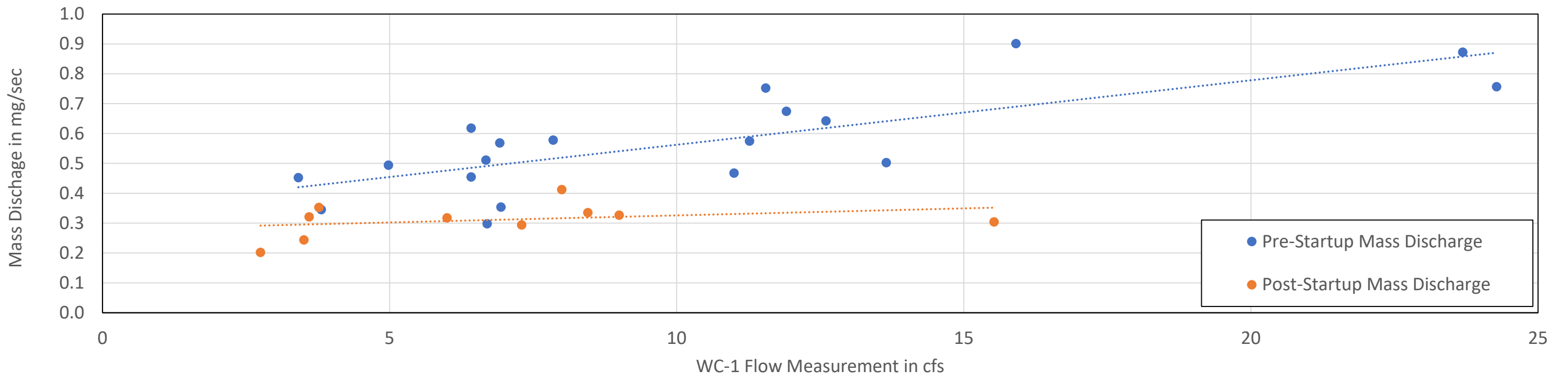
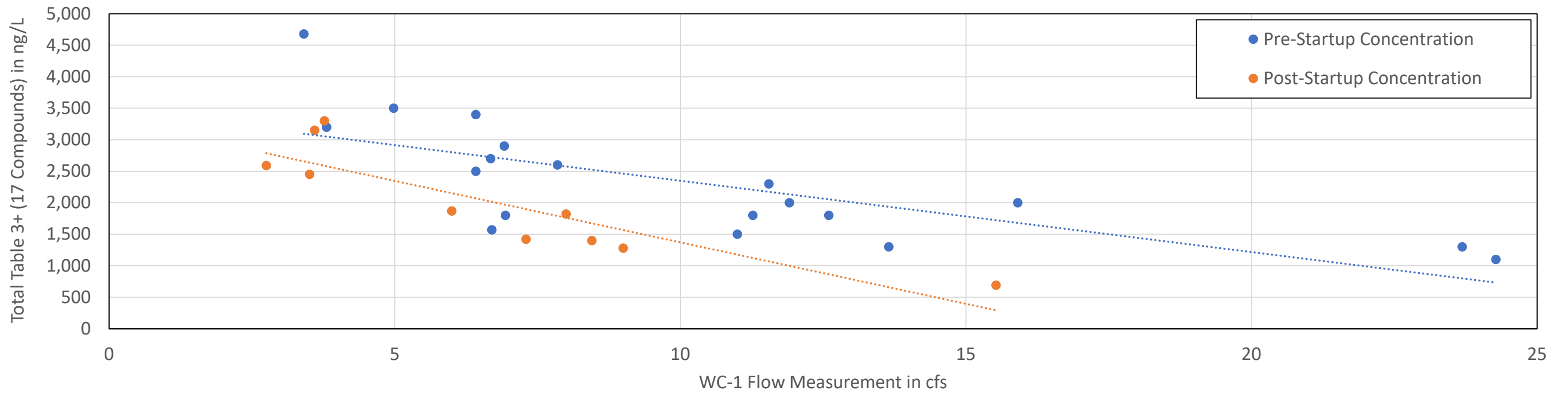
Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs) and Willis Creek (WC) locations from sampling performed in Q3 2025. Wells PIW-10S and PIW-5SR were dry. Symbols and identification of unsampled locations are shown for reference.
- The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

<p>PFAS Analytical Results</p> <p>Chemours Fayetteville Works, North Carolina</p>	
<p>Geosyntec consultants</p>	<p>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</p>
<p>Raleigh, NC</p>	<p>December 2025</p>

Figure 6-6C

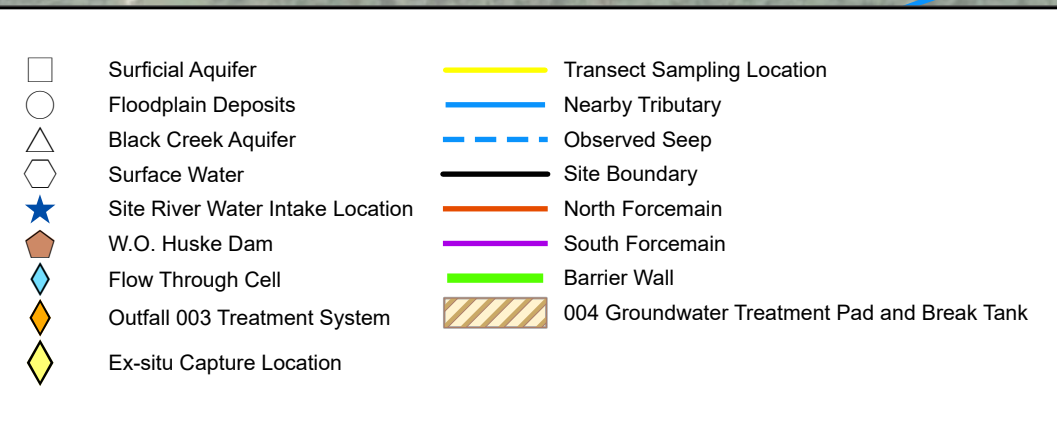
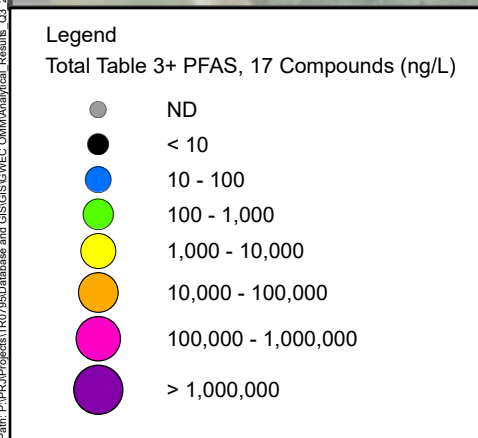
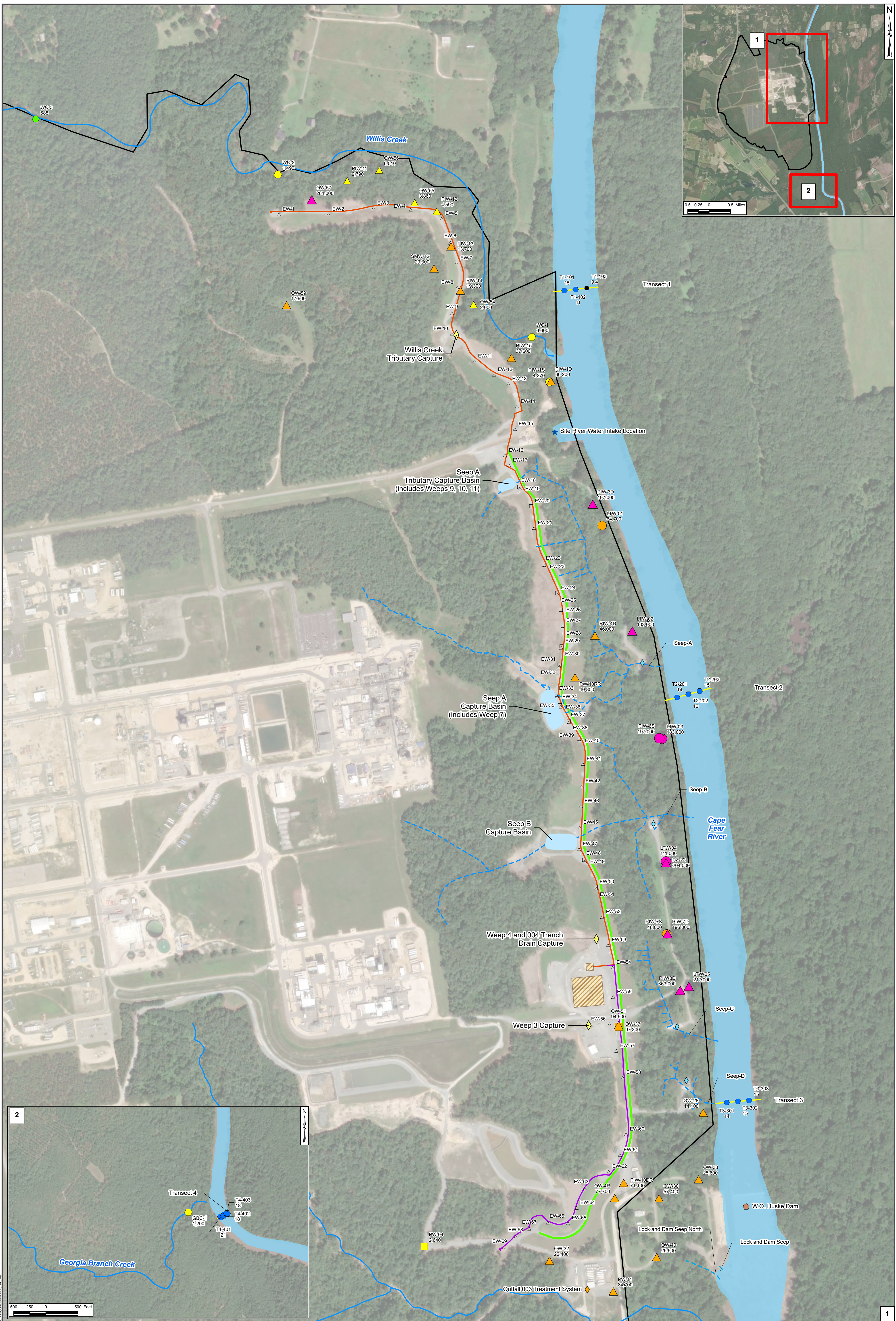
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 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Notes:

1. Concentration and mass discharge data are plotted above for Willis Creek location WC-1 near the confluence with the Cape Fear River.
 2. Linear trendlines are shown for presentation purposes only. A statistical regression analysis has not been performed.
- ng/L = nanograms per liter; mg/sec = milligrams per second; cfs = cubic feet per second

Willis Creek Location WC-1 PFAS Concentration and Mass Discharge Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025



Notes:

- This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in near remedy and downgradient monitoring/observation wells (MWs/OWs). Willis Creek (WC) locations, Cape Fear River (CFR) transect locations, and Georgia Branch Creek (GBC) location from sampling performed in Q3 2025. Wells PIW-10S and PIW-SSR were dry. Symbols and identification of unsampled locations are shown for reference.
- 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.
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

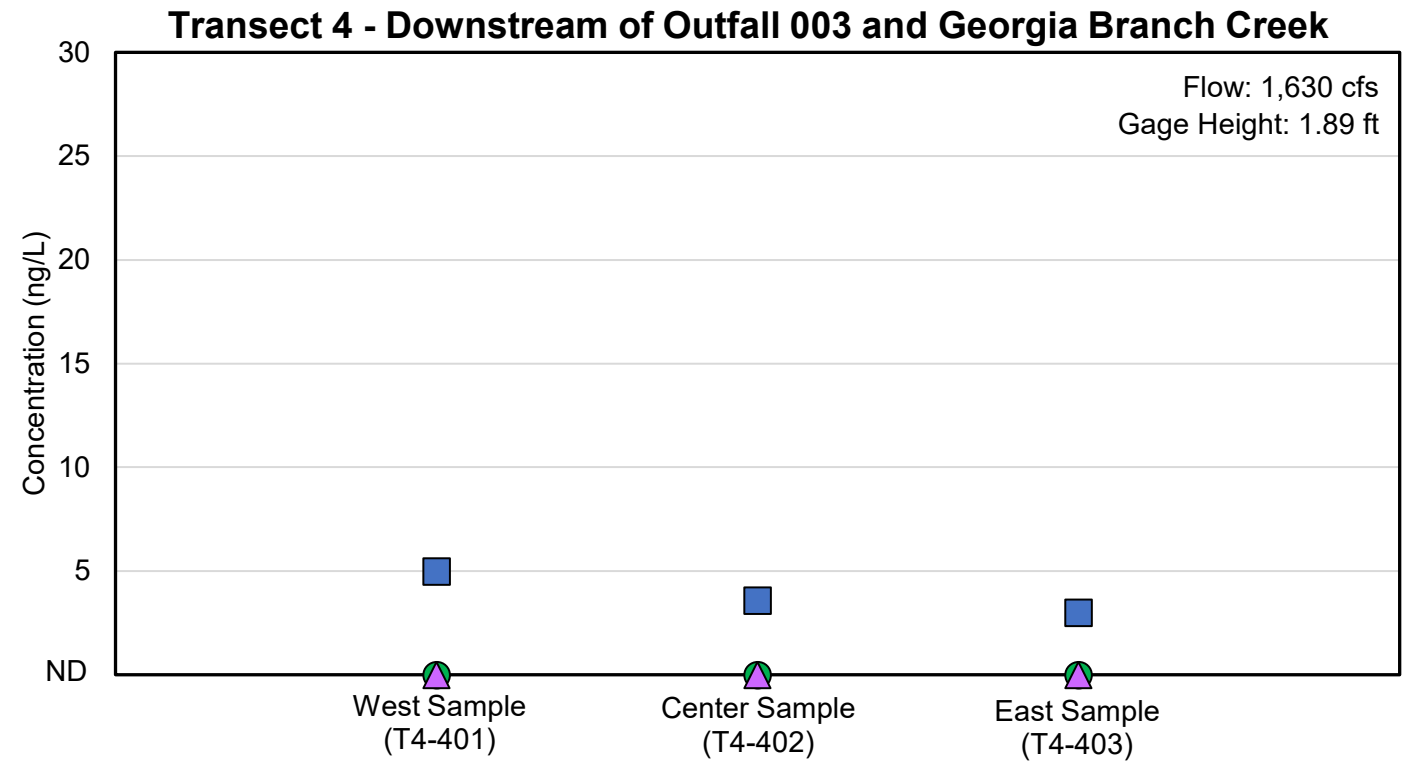
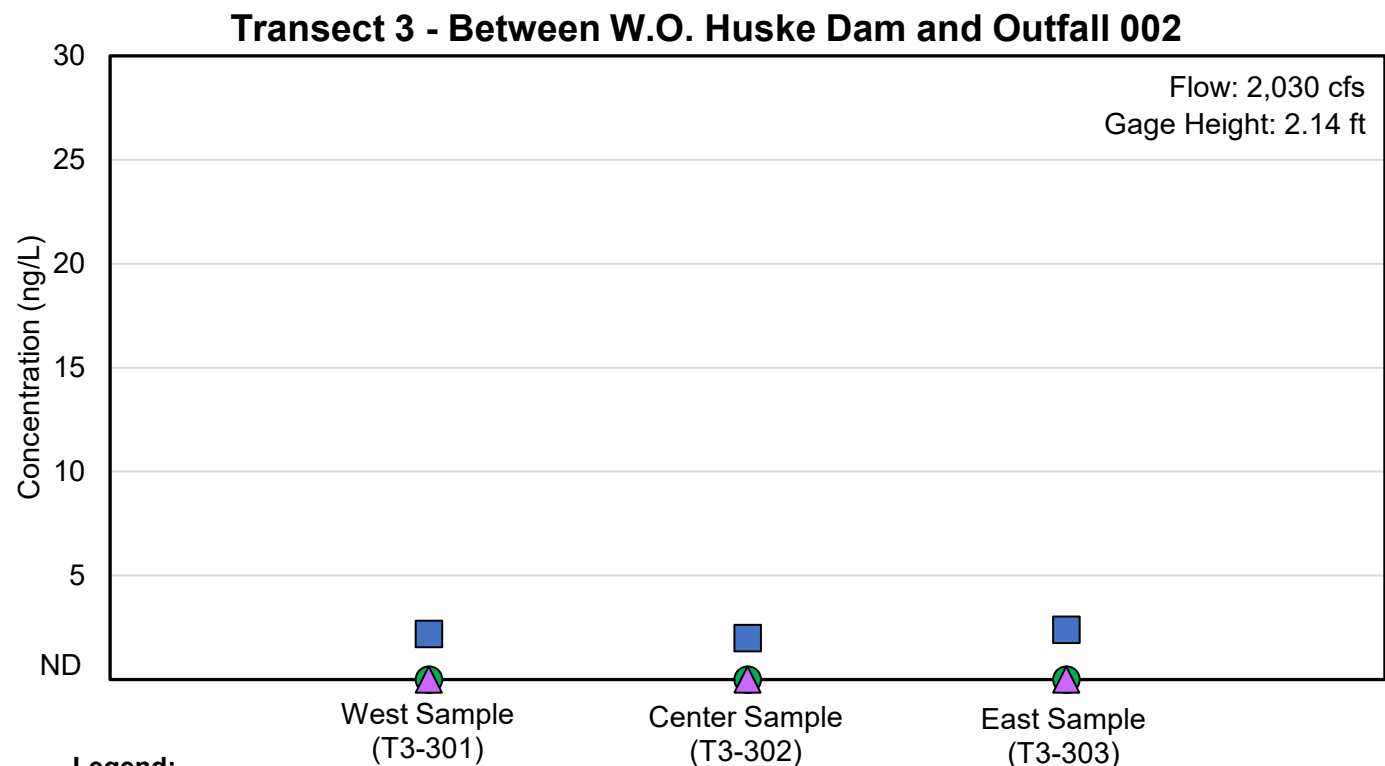
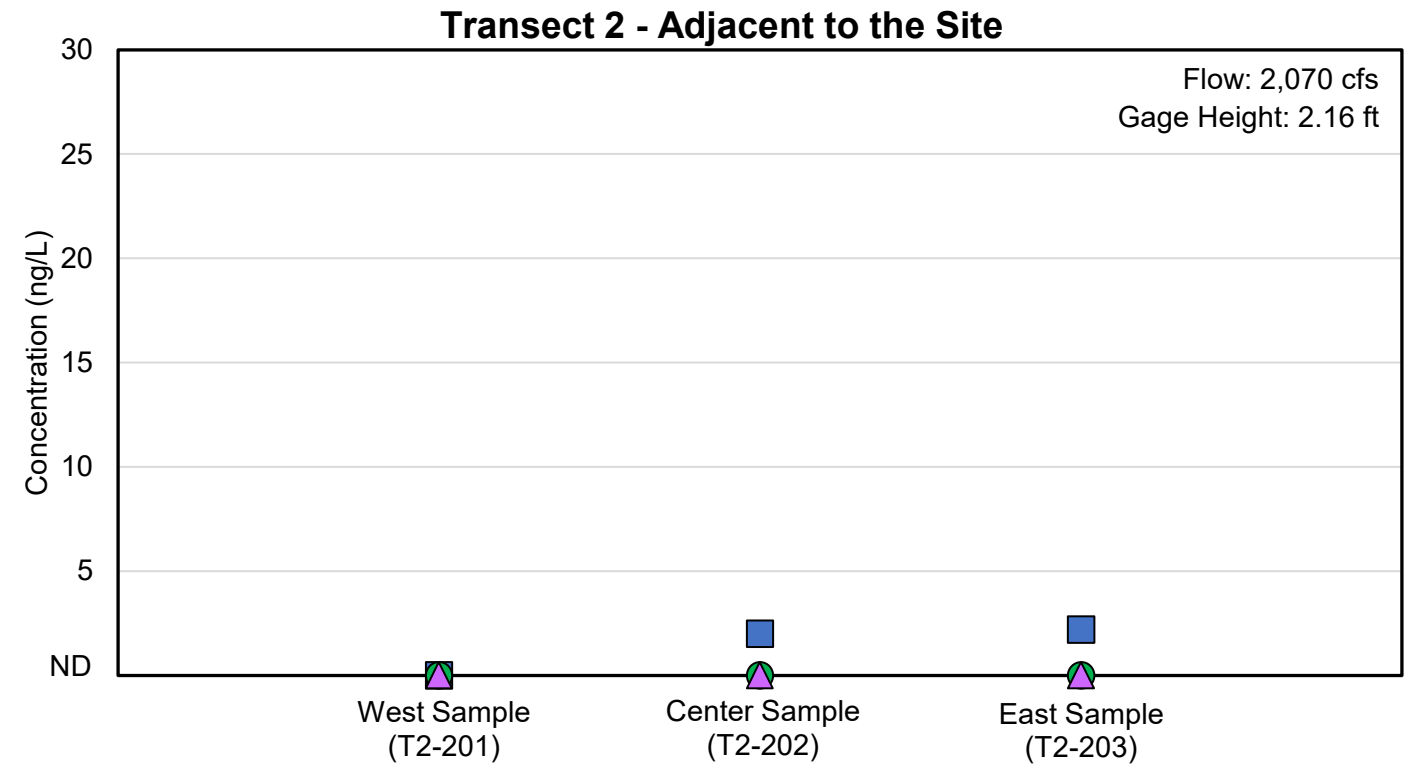
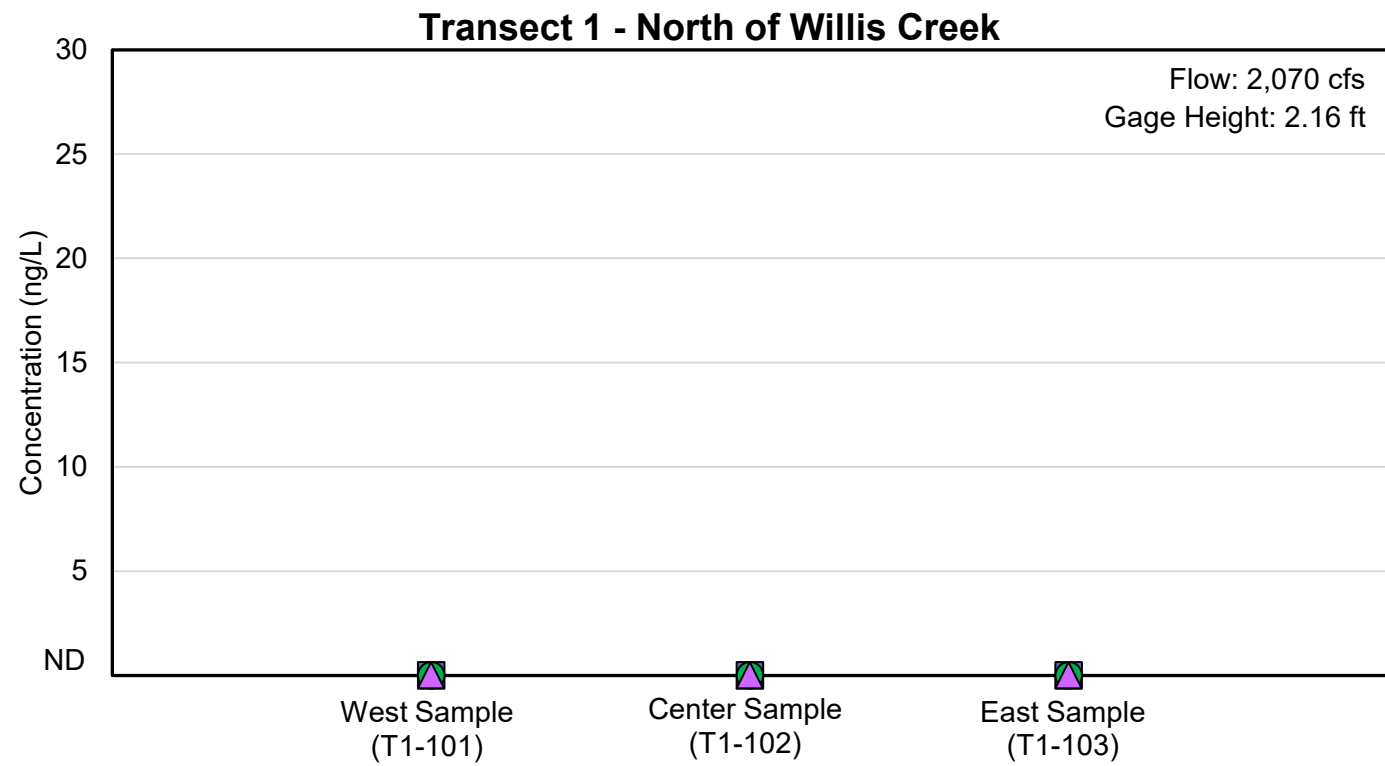
250 125 0 250 Feet

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

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

Raleigh, NC December 2025

Figure 6-8

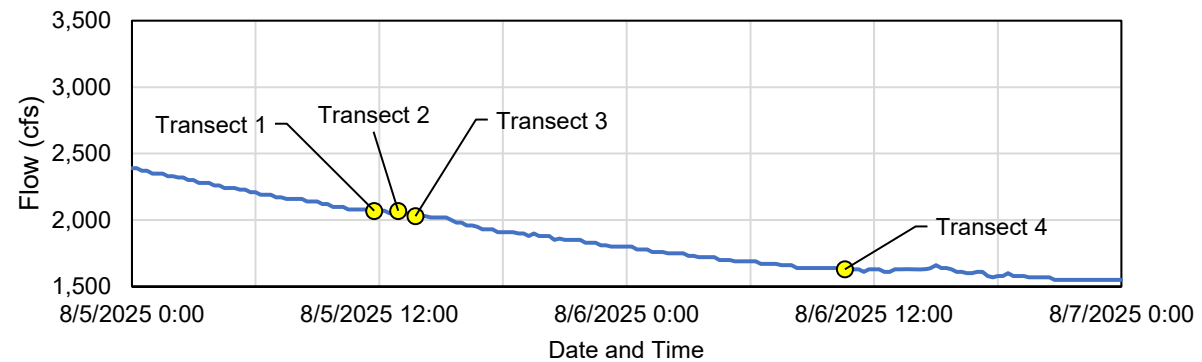


Legend:

- 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: 0.12 inches

Indicator PFAS Concentrations Across Cape Fear River Transects - Q3 2025 (August 2025)

Chemours Fayetteville Works, North Carolina

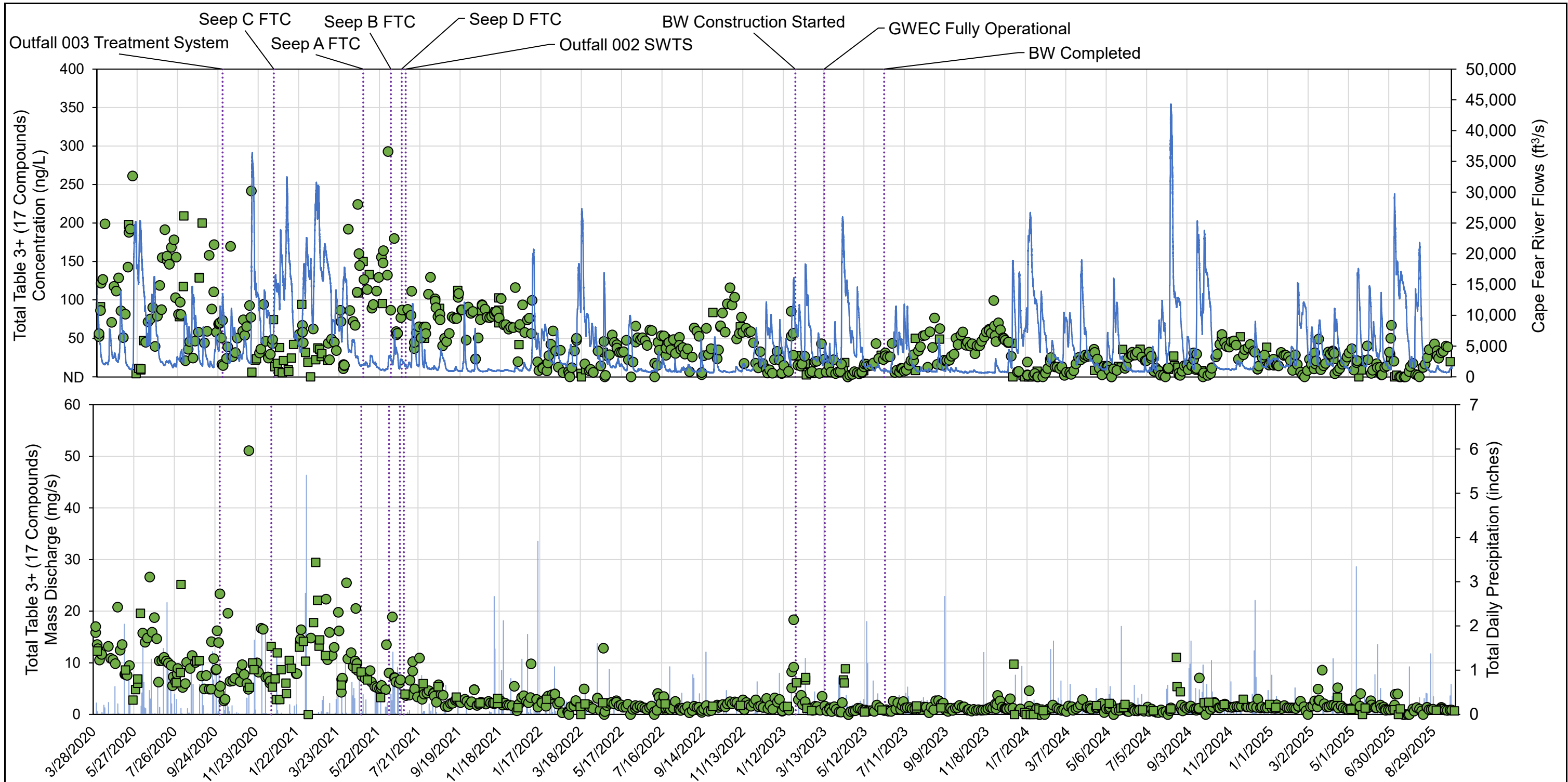
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C-3500 and C-295

Figure

Raleigh

December 2025

6-9



■ Total Daily Precipitation ● Composite Sample
— Cape Fear River Flow ■ Grab Sample

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.

Abbreviations:
 BW - Barrier Wall mg/s - milligrams per second
 ft³/s - cubic feet per second ng/L - nanograms per liter
 FTC - Flow-through cell SWTS - Stormwater treatment system
 GWEC - Groundwater extraction and conveyance 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	Figure 6-10

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



ADQM Data Review

Site: Chemours Fayetteville

Project: 004 NPDES Sampling 3Q25 - PFAS

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
004-EFF-0725	320-123081-1	Other Liquid	N	07/01/2025	07:00	FS
004-INF-0725	320-123083-1	Other Liquid	N	07/01/2025	07:00	FS
004-INF-0725-2	320-123269-1	Other Liquid	N	07/07/2025	07:00	FS
004-EFF-0725-2	320-123271-1	Other Liquid	N	07/07/2025	07:00	FS
004-FBLK-0725	320-123271-2	Blank Water	N	07/07/2025	07:00	FB
004-EFF-0725-3	320-123436-1	Other Liquid	N	07/14/2025	07:00	FS
004-INF-0725-3	320-123439-1	Other Liquid	N	07/14/2025	07:00	FS
004-INF-0725-4	320-123584-1	Other Liquid	N	07/21/2025	07:00	FS
004-EFF-0725-4	320-123585-1	Other Liquid	N	07/21/2025	07:00	FS
004-INF-0725-5	320-123838-1	Other Liquid	N	07/28/2025	07:00	FS
004-EFF-0725-5	320-123839-1	Other Liquid	N	07/28/2025	07:00	FS
004-INF-0825	320-124040-1	Other Liquid	N	08/04/2025	07:00	FS
004-EFF-0825	320-124043-1	Other Liquid	N	08/04/2025	07:00	FS
004-INF-0825-2	320-124255-1	Other Liquid	N	08/11/2025	07:00	FS
004-EFF-0825-2	320-124274-1	Other Liquid	N	08/11/2025	07:00	FS
004-FBLK-0825	320-124274-2	Blank Water	N	08/11/2025	07:00	FB
004-INF-0825-3	320-124396-1	Other Liquid	N	08/18/2025	07:00	FS
004-EFF-0825-3	320-124398-1	Other Liquid	N	08/18/2025	07:00	FS
004-EFF-0825-4	320-124622-1	Other Liquid	N	08/25/2025	07:00	FS
004-INF-0825-4	320-124624-1	Other Liquid	N	08/25/2025	07:00	FS
004-INF-0925	320-124790-1	Other Liquid	N	09/02/2025	07:00	FS
004-EFF-0925	320-124794-1	Other Liquid	N	09/02/2025	07:00	FS
004-INF-0925-2	320-124987-1	Other Liquid	N	09/08/2025	07:00	FS
004-EFF-0925-2	320-124990-1	Other Liquid	N	09/08/2025	07:00	FS
004-FBLK-0925	320-124990-2	Blank Water	N	09/08/2025	07:00	FB
004-EFF-0925-3	320-125279-1	Other Liquid	N	09/15/2025	07:00	FS
004-INF-0925-3	320-125282-1	Other Liquid	N	09/15/2025	07:00	FS
004-EFF-0925-4	320-125512-1	Other Liquid	N	09/22/2025	07:00	FS
004-INF-0925-4	320-125564-1	Other Liquid	N	09/22/2025	07:00	FS
004-EFF-0925-5	320-125766-1	Other Liquid	N	09/29/2025	07:00	FS
004-INF-0925-5	320-125770-1	Other Liquid	N	09/29/2025	07:00	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	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 8/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 7/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 8/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 9/25



ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?		X		X	
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X		
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?*		X		X	
G	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.

F*: During the reporting period sampling events, seven samples from influent and effluent locations of the 004 GWTP (listed below) and two field blanks were outside 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). Due to the thermal stability of the analytes, analysis of these samples proceeded, and data qualification was not deemed necessary.

Samples Received at Elevated Temperatures
004-INF-0725
004-EFF-0725
004-INF-0725-2
004-EFF-0725-2
004-INF-0725-5
004-EFF-0825-2
004-INF-0925-4
004-FBLK-0725
004-FBLK-0825



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°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

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

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

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

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

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

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

DVM Narrative Report

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 9/25

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-0925	09/02/2025	320-124794-1	PMPA	0.01	UG/L	PQL		0.01	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925	09/02/2025	320-124794-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925-2	09/08/2025	320-124990-1	PMPA	0.01	UG/L	PQL		0.01	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925-2	09/08/2025	320-124990-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925-2	09/08/2025	320-124990-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925-2	09/08/2025	320-124990-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0925-2	09/08/2025	320-124990-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725	07/01/2025	320-123081-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-2	07/07/2025	320-123271-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-2	07/07/2025	320-123271-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-2	07/07/2025	320-123271-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-2	07/07/2025	320-123271-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-3	07/14/2025	320-123436-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-4	07/21/2025	320-123585-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0725-5	07/28/2025	320-123839-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825	08/04/2025	320-124043-1	PFMOAA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-2	08/11/2025	320-124274-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-2	08/11/2025	320-124274-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-2	08/11/2025	320-124274-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-2	08/11/2025	320-124274-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-3	08/18/2025	320-124398-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-4	08/25/2025	320-124622-1	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 7/25

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
004-INF-0725-4	07/21/2025	320-123584-1	PFMOAA	46	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 7/25

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-0725-2	07/07/2025	320-123269-1	R-PSDA	1.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0725-2	07/07/2025	320-123269-1	Hydrolyzed PSDA	14	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0725-2	07/07/2025	320-123269-1	R-EVE	0.67	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0825-2	08/11/2025	320-124255-1	R-PSDA	1.2	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0825-2	08/11/2025	320-124255-1	Hydrolyzed PSDA	14	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0825-2	08/11/2025	320-124255-1	R-EVE	0.53	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0925-2	09/08/2025	320-124987-1	R-PSDA	0.94	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0925-2	09/08/2025	320-124987-1	Hydrolyzed PSDA	12	UG/L	PQL		0.05	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0925-2	09/08/2025	320-124987-1	R-EVE	0.37	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: 004 NPDES Sampling 8/25

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
004-EFF-0825-4	08/25/2025	320-124622-1	PFMOAA	0.011	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-3	08/18/2025	320-124398-1	PFMOAA	0.0060	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0825-2	08/11/2025	320-124274-1	PFMOAA	0.0036	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0825-3	08/18/2025	320-124396-1	PFMOAA	52	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0825-4	08/25/2025	320-124624-1	PFMOAA	56	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep



ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Cell Sampling 3Q25 – FTC-PM-PFAS

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-24-070425	320-123239-1	Surface Water	N	07/04/2025	09:00	FS
SEEP-C-EFFLUENT-24-070425	320-123239-2	Surface Water	N	07/04/2025	09:00	FS
SEEP-C-INFLUENT-24-070625	320-123239-3	Surface Water	N	07/06/2025	10:00	FS
SEEP-C-EFFLUENT-24-070625	320-123239-4	Surface Water	N	07/06/2025	10:00	FS
SEEP-C-INFLUENT-24-070625-D	320-123239-5	Surface Water	N	07/06/2025	10:00	DUP
SEEP-A-INFLUENT-24-070425	320-123239-6	Surface Water	N	07/04/2025	09:00	FS
SEEP-A-EFFLUENT-24-070425	320-123239-7	Surface Water	N	07/04/2025	09:00	FS
SEEP-EB-070725	320-123239-8	Blank Water	N	07/07/2025	12:00	EB
SEEP-FB-070725	320-123239-9	Blank Water	N	07/07/2025	12:05	FB
SEEP-C-INFLUENT-24-072925	320-123849-1	Surface Water	N	07/29/2025	10:00	FS
SEEP-C-EFFLUENT-24-072925	320-123849-2	Surface Water	N	07/29/2025	10:00	FS
SEEP-C-INFLUENT-24-080225	320-124111-1	Surface Water	N	08/02/2025	10:00	FS
SEEP-C-INFLUENT-24-080225-D	320-124111-2	Surface Water	N	08/02/2025	10:00	DUP
SEEP-C-EFFLUENT-24-080225	320-124111-3	Surface Water	N	08/02/2025	10:00	FS
SEEP-EB-080625	320-124111-4	Blank Water	N	08/06/2025	15:00	EB
SEEP-FB-080625	320-124111-5	Blank Water	N	08/06/2025	15:05	FB
SEEP-C-INFLUENT-24-081325	320-124341-1	Surface Water	N	08/13/2025	10:00	FS
SEEP-C-EFFLUENT-24-081325	320-124341-2	Surface Water	N	08/13/2025	10:00	FS

* FS=Field Sample
 DUP=Field Duplicate
 FB=Field Blank
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 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 2025



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		
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	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.

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Data Verification Module (DVM)

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- Field and laboratory blank contamination
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- 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°C with a target of 4°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.

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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 2025

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-C-INFLUENT-24-080225	08/02/2025	320-124111-1	PFO3OA	0.39	ug/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-24-070425	07/04/2025	320-123239-6	R-PSDA	0.57	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-070425	07/04/2025	320-123239-6	Hydrolyzed PSDA	1.2	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-070425	07/04/2025	320-123239-6	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-072925	07/29/2025	320-123849-1	R-PSDA	0.11	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-081325	08/13/2025	320-124341-1	R-PSDA	0.081	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep



ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Cell Sampling 3Q25 – PM WQ TSS

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-TSS-070525	320-123238-1	Surface Water	N	07/05/2025	09:25	FS
SEEP-C-EFFLUENT-TSS-070525	320-123238-2	Surface Water	N	07/05/2025	09:30	FS
SEEP-C-INFLUENT-TSS-070725	320-123238-3	Surface Water	N	07/07/2025	10:15	FS
SEEP-C-EFFLUENT-TSS-070725	320-123238-4	Surface Water	N	07/07/2025	10:20	FS
SEEP-A-INFLUENT-TSS-070525	320-123238-5	Surface Water	N	07/05/2025	08:50	FS
SEEP-A-EFFLUENT-TSS-070525	320-123238-6	Surface Water	N	07/05/2025	08:55	FS
SEEP-C-INFLUENT-TSS-072925	320-123849-3	Surface Water	N	07/29/2025	10:25	FS
SEEP-C-EFFLUENT-TSS-072925	320-123849-4	Surface Water	N	07/29/2025	10:30	FS
SEEP-C-INFLUENT-TSS-080625	320-124111-6	Surface Water	N	08/06/2025	11:25	FS
SEEP-C-EFFLUENT-TSS-080625	320-124111-7	Surface Water	N	08/06/2025	11:30	FS
SEEP-C-INFLUENT-TSS-081425	320-124341-3	Surface Water	N	08/14/2025	09:35	FS
SEEP-C-EFFLUENT-TSS-081425	320-124341-4	Surface Water	N	08/14/2025	09:40	FS

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



Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	SM 2540 D-2015	Total Suspended Solids	Seep Flow Through Cell Sampling 2025



ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?		X	X		
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				
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	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°C with a target of 4°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 2025

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-EFFLUENT-TSS-070525	07/05/2025	320-123238-6	Total Suspended Solids	1.0	MG/L	MDL	1.0	3.0	UJ	SM 2540 D-2015		

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-TSS-070525	07/05/2025	320-123238-5	Total Suspended Solids	6.7	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-070525	07/05/2025	320-123238-2	Total Suspended Solids	4.9	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-070525	07/05/2025	320-123238-1	Total Suspended Solids	21	MG/L	MDL	1.3	4.0	J	SM 2540 D-2015		

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2025

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-C-INFLUENT-TSS-070725	07/07/2025	320-123238-3	Total Suspended Solids	1.9	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-070725	07/07/2025	320-123238-4	Total Suspended Solids	1.0	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		



ADQM Data Review

Site: Chemours Fayetteville

Project: CAP GW Sampling 3Q25 PFAS

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP3Q25-EQBLK-PP-071025	320-123358-5	Blank Water	N	07/10/2025	15:10	EB
CAP3Q25-EQBLK-DV-071025	320-123358-6	Blank Water	N	07/10/2025	15:15	EB
CAP3Q25-EQBLK-DV-071425-Z	320-123433-1	Blank Water	Y	07/14/2025	08:45	EB
CAP3Q25-EQBLK-PP-071425-Z	320-123433-2	Blank Water	Y	07/14/2025	08:40	EB
CAP3Q25-OW-55-071025	320-123456-5	Groundwater	N	07/10/2025	11:40	FS
CAP3Q25-PIW-13-071025	320-123456-6	Groundwater	N	07/10/2025	13:27	FS
CAP3Q25-PIW-13-071025-Z	320-123456-7	Groundwater	Y	07/10/2025	13:27	FS
CAP3Q25-PIW-14-071025	320-123463-1	Groundwater	N	07/10/2025	17:10	FS
CAP3Q25-PIW-12-071025	320-123463-2	Groundwater	N	07/10/2025	14:40	FS
CAP3Q25-PIW-1D-071025	320-123463-4	Groundwater	N	07/10/2025	14:40	FS
CAP3Q25-LTW-02-071525	320-123529-2	Groundwater	N	07/15/2025	13:30	FS
CAP3Q25-OW-32-071625	320-123529-7	Groundwater	N	07/16/2025	15:25	FS
CAP3Q25-EQBLK-BP-071625	320-123542-1	Blank Water	N	07/16/2025	15:45	EB
CAP3Q25-EQBLK-BP-071625-Z	320-123542-2	Blank Water	Y	07/16/2025	15:50	EB
CAP3Q25-BAILER-071625	320-123542-3	Blank Water	N	07/16/2025	16:00	EB
CAP3Q25-OW-56-071625	320-123542-6	Groundwater	N	07/16/2025	11:15	FS
CAP3Q25-PIW-3D-071525	320-123663-1	Groundwater	N	07/15/2025	14:55	FS
CAP3Q25-SMW-12-071725	320-123663-5	Groundwater	N	07/17/2025	13:05	FS
CAP3Q25-OW-28-071725	320-123663-6	Groundwater	N	07/17/2025	15:25	FS
CAP3Q25-PW-04-071725	320-123663-8	Groundwater	N	07/17/2025	09:55	FS
CAP3Q25-PIW-7S-071725	320-123666-2	Groundwater	N	07/17/2025	14:05	FS
CAP3Q25-OW-40-071725	320-123666-3	Groundwater	N	07/17/2025	12:30	FS
CAP3Q25-OW-33-071725	320-123666-4	Groundwater	N	07/17/2025	14:00	FS
CAP3Q25-OW-30-071825	320-123666-6	Groundwater	N	07/18/2025	12:15	FS



Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP3Q25-OW-37-072125	320-123667-5	Groundwater	N	07/21/2025	12:30	FS
CAP3Q25-OW-37-072125-D	320-123667-6	Groundwater	N	07/21/2025	12:30	DUP
CAP3Q25-PIW-15-072125	320-123669-2	Groundwater	N	07/21/2025	13:45	FS
CAP3Q25-PIW-1S-072125	320-123669-5	Groundwater	N	07/21/2025	14:35	FS
CAP3Q25-EQBLK-PP-072225	320-123669-6	Blank Water	N	07/22/2025	11:00	EB
CAP3Q25-OW-57-072325	320-123750-1	Groundwater	N	07/23/2025	10:30	FS
CAP3Q25-EQBLK-PP-072425	320-123750-4	Blank Water	N	07/24/2025	11:45	EB
CAP3Q25-OW-54-072225	320-123763-1	Groundwater	N	07/22/2025	10:45	FS
CAP3Q25-PIW-4D-072225	320-123763-2	Groundwater	N	07/22/2025	13:55	FS
CAP3Q25-PIW-11-072225	320-123763-3	Groundwater	N	07/22/2025	11:05	FS
CAP3Q25-OW-59-072225	320-123763-5	Groundwater	N	07/22/2025	11:45	FS
CAP3Q25-OW-4R-072325	320-123765-3	Groundwater	N	07/23/2025	12:10	FS
CAP3Q25-PIW-10DR-072825	320-123897-1	Groundwater	N	07/28/2025	14:50	FS
CAP3Q25-PIW-8D-072925	320-123897-6	Groundwater	N	07/29/2025	14:40	FS
CAP3Q25-PZ-22-072925	320-123897-7	Groundwater	N	07/29/2025	13:15	FS
CAP3Q25-EQBLK-DV-073025	320-123897-8	Blank Water	N	07/30/2025	09:00	EB
CAP3Q25-EQBLK-BA-073025-Z	320-123897-9	Blank Water	Y	07/30/2025	09:15	EB
CAP3Q25-LTW-04-072525	320-123901-1	Groundwater	N	07/25/2025	10:45	FS
CAP3Q25-PIW-7D-072825	320-123901-2	Groundwater	N	07/28/2025	16:15	FS
CAP3Q25-PIW-6S-072825	320-123901-3	Groundwater	N	07/28/2025	11:20	FS
CAP3Q25-LTW-05-072825	320-123901-4	Groundwater	N	07/28/2025	14:45	FS
CAP3Q25-PW-10RR-072825	320-123901-5	Groundwater	N	07/28/2025	12:10	FS
CAP3Q25-PW-10RR-072825-D	320-123901-6	Groundwater	N	07/28/2025	12:10	DUP
CAP3Q25-LTW-03-072425	320-123927-1	Groundwater	N	07/24/2025	14:05	FS
CAP3Q25-LTW-01-072425	320-123927-3	Groundwater	N	07/24/2025	16:30	FS
CAP3Q25-PW-11-072525	320-123927-6	Groundwater	N	07/25/2025	10:50	FS
CAP3Q25-OW-51-073025	320-124057-1	Groundwater	N	07/30/2025	09:35	FS
CAP3Q25-EQBLK-PP-080425	320-124057-6	BLANK WATER	N	08/04/2025	12:50	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 3Q25



ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?	X				
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?		X	X	X	
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X		
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	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°C with a target of 4°C (manual check)

There are two qualifier fields in EIM:

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

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

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

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

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

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

DVM Narrative Report

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

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
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-OW-40-071725	07/17/2025	320-123666-3	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	PFOS	0.063	UG/L	PQL		0.063	UJ	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	6:2 Fluorotelomer Sulfonate	0.16	ug/L	PQL		0.16	UJ	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	Perfluorohexane Sulfonic Acid	0.071	UG/L	PQL		0.071	UJ	537 Modified		3535
CAP3Q25-OW-37-072125	07/21/2025	320-123667-5	PFOS	0.063	UG/L	PQL		0.063	UJ	537 Modified		3535

Validation Reason Code: The result exceeds the calibration range of the instrument and should be considered estimated.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OW-57-072325	07/23/2025	320-123750-1	PPF Acid	51	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-OW-57-072325	07/23/2025	320-123750-1	PFMOAA	160	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PMPA	0.53	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	Hfpo Dimer Acid	1.5	UG/L	PQL		0.0040	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	R-PSDA	0.44	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PFO2HxA	0.81	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PPF Acid	0.65	UG/L	PQL		0.0050	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	Hydro-PS Acid	0.42	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-6S-072825	07/28/2025	320-123901-3	PPF Acid	50	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PIW-6S-072825	07/28/2025	320-123901-3	PFMOAA	120	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	PPF Acid	63	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	PFMOAA	120	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	Hfpo Dimer Acid	57	UG/L	PQL		0.13	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	PFO2HxA	83	ug/L	PQL		0.069	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	PPF Acid	92	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	PFMOAA	150	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	PPF Acid	59	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	PFMOAA	130	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	PFMOAA	51	ug/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	PPF Acid	70	UG/L	PQL		0.31	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	PFMOAA	130	ug/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

Validation Options:

LABSTATS

Validation Reason Code: The result exceeds the calibration range of the instrument and should be considered estimated.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PMPA	0.74	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	Hfpo Dimer Acid	0.45	UG/L	PQL		0.0040	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PFO2HxA	0.57	ug/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	PPF Acid	1.2	UG/L	PQL		0.0050	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

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
CAP3Q25-OW-37-072125	07/21/2025	320-123667-5	Hydro-PS Acid	0.17	ug/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

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
CAP3Q25-SMW-08B-072925	07/29/2025	320-123897-3	R-PSDA	0.88	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-08B-072925	07/29/2025	320-123897-3	Hydrolyzed PSDA	4.3	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-SMW-08B-072925	07/29/2025	320-123897-3	R-EVE	0.34	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-37-072125	07/21/2025	320-123667-5	R-PSDA	0.59	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-37-072125	07/21/2025	320-123667-5	Hydrolyzed PSDA	0.74	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-37-072125	07/21/2025	320-123667-5	R-EVE	0.61	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-37-072125-D	07/21/2025	320-123667-6	R-PSDA	0.72	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-37-072125-D	07/21/2025	320-123667-6	Hydrolyzed PSDA	0.77	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-37-072125-D	07/21/2025	320-123667-6	R-EVE	0.53	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-40-071725	07/17/2025	320-123666-3	R-PSDA	0.29	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-40-071725	07/17/2025	320-123666-3	Hydrolyzed PSDA	0.29	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-40-071725	07/17/2025	320-123666-3	R-EVE	0.23	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-33-071725	07/17/2025	320-123666-4	R-PSDA	0.31	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-33-071725	07/17/2025	320-123666-4	R-EVE	0.23	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	R-PSDA	0.56	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	Hydrolyzed PSDA	0.81	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	R-EVE	0.52	UG/L	PQL		0.063	J	537 Modified		3535

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
CAP3Q25-OW-4R-072325	07/23/2025	320-123765-3	R-PSDA	0.79	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-4R-072325	07/23/2025	320-123765-3	Hydrolyzed PSDA	2.6	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-4R-072325	07/23/2025	320-123765-3	R-EVE	0.52	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-51-073025	07/30/2025	320-124057-1	R-PSDA	0.91	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-51-073025	07/30/2025	320-124057-1	Hydrolyzed PSDA	1.8	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-51-073025	07/30/2025	320-124057-1	R-EVE	0.98	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-54-072225	07/22/2025	320-123763-1	R-PSDA	0.076	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-57-072325	07/23/2025	320-123750-1	R-PSDA	1.1	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-57-072325	07/23/2025	320-123750-1	Hydrolyzed PSDA	19	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-57-072325	07/23/2025	320-123750-1	R-EVE	0.26	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-59-072225	07/22/2025	320-123763-5	Hydrolyzed PSDA	0.28	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-10DR-072825	07/28/2025	320-123897-1	R-PSDA	0.60	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-10DR-072825	07/28/2025	320-123897-1	Hydrolyzed PSDA	2.4	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-10DR-072825	07/28/2025	320-123897-1	R-EVE	0.67	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-11-072225	07/22/2025	320-123763-3	R-PSDA	0.25	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-11-072225	07/22/2025	320-123763-3	R-EVE	0.13	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-15-072125	07/21/2025	320-123669-2	R-PSDA	0.50	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-15-072125	07/21/2025	320-123669-2	R-EVE	0.52	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	R-EVE	0.10	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-4D-072225	07/22/2025	320-123763-2	R-PSDA	0.36	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-4D-072225	07/22/2025	320-123763-2	Hydrolyzed PSDA	1.2	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-4D-072225	07/22/2025	320-123763-2	R-EVE	0.16	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

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
CAP3Q25-PIW-6S-072825	07/28/2025	320-123901-3	R-PSDA	1.1	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-6S-072825	07/28/2025	320-123901-3	Hydrolyzed PSDA	9.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-6S-072825	07/28/2025	320-123901-3	R-EVE	0.59	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	R-PSDA	0.81	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	Hydrolyzed PSDA	1.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-7D-072825	07/28/2025	320-123901-2	R-EVE	1.0	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	R-PSDA	0.98	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	R-EVE	1.3	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	R-PSDA	2.6	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	Hydrolyzed PSDA	5.4	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	R-EVE	3.2	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-10RR-072825	07/28/2025	320-123901-5	R-EVE	0.097	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-10RR-072825-D	07/28/2025	320-123901-6	R-PSDA	0.085	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-11-072525	07/25/2025	320-123927-6	R-PSDA	0.45	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-11-072525	07/25/2025	320-123927-6	Hydrolyzed PSDA	1.2	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PW-11-072525	07/25/2025	320-123927-6	R-EVE	0.28	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	R-PSDA	0.65	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	Hydrolyzed PSDA	3.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PZ-22-072925	07/29/2025	320-123897-7	R-EVE	0.56	UG/L	PQL		0.063	J	537 Modified		3535

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
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	R-PSDA	1.0	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	Hydrolyzed PSDA	0.32	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	R-EVE	0.53	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	R-PSDA	1.6	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	R-EVE	1.6	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	R-PSDA	0.88	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	Hydrolyzed PSDA	1.8	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-05-072825	07/28/2025	320-123901-4	R-EVE	1.1	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-04-072525	07/25/2025	320-123901-1	Hydrolyzed PSDA	2.0	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-32-071625	07/16/2025	320-123529-7	R-PSDA	0.21	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-32-071625	07/16/2025	320-123529-7	Hydrolyzed PSDA	0.57	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-OW-32-071625	07/16/2025	320-123529-7	R-EVE	0.12	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-55-071025	07/10/2025	320-123456-5	R-PSDA	0.089	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-56-071625	07/16/2025	320-123542-6	R-PSDA	0.21	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-56-071625	07/16/2025	320-123542-6	R-EVE	0.14	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-13-071025	07/10/2025	320-123456-6	R-PSDA	0.23	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-13-071025	07/10/2025	320-123456-6	R-EVE	0.15	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-13-071025- Z	07/10/2025	320-123456-7	R-EVE	0.077	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-14-071025	07/10/2025	320-123463-1	R-PSDA	0.26	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-14-071025	07/10/2025	320-123463-1	R-EVE	0.14	UG/L	PQL		0.063	J	537 Modified		3535

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
CAP3Q25-PIW-1D-071025	07/10/2025	320-123463-4	R-PSDA	0.46	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1D-071025	07/10/2025	320-123463-4	R-EVE	0.24	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	R-PSDA	1.2	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	Hydrolyzed PSDA	0.29	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-PIW-3D-071525	07/15/2025	320-123663-1	R-EVE	0.71	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	R-PSDA	0.10	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PW-04-071725	07/17/2025	320-123663-8	R-EVE	0.048	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	R-PSDA	0.19	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-SMW-12-071725	07/17/2025	320-123663-5	R-EVE	0.16	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	R-PSDA	0.36	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-OW-28-071725	07/17/2025	320-123663-6	R-EVE	0.18	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	Hydrolyzed PSDA	2.3	UG/L	PQL		0.16	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	R-EVE	0.54	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-02-071525	07/15/2025	320-123529-2	R-PSDA	1.0	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville

Sampling Program: CAP GW Sampling 3Q25

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP3Q25-OW-30-071825	07/18/2025	320-123666-6	PFOA	0.063	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-1S-072125	07/21/2025	320-123669-5	PFOS	0.0092	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-PIW-7S-071725	07/17/2025	320-123666-2	PFOA	0.087	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-PIW-8D-072925	07/29/2025	320-123897-6	PFOA	0.064	UG/L	PQL		0.063	J	537 Modified		3535
CAP3Q25-LTW-01-072425	07/24/2025	320-123927-3	PFOA	0.11	UG/L	PQL		0.063	J	537 Modified		3535



ADQM Data Review

Site: Chemours Fayetteville

Project: CAP SW Sampling 3Q25 – Waste Characterization PFAS

Project Reviewer: Bridget Gavaghan



Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP3Q25-WC-1-24-070225	320-123117-2	Surface Water	N	07/02/2025	07:00	FS
CAP3Q25-WC-2-24-070225	320-123117-3	Surface Water	N	07/02/2025	07:00	FS
CAP3Q25-WC-3-24-070225	320-123117-4	Surface Water	N	07/02/2025	07:00	FS
CAP3Q25-EQBLK-IS-070125	320-123125-6	Blank Water	N	07/01/2025	13:55	EB
CAP3Q25-EQBLK-PP-070125	320-123125-7	Blank Water	N	07/01/2025	14:00	EB

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



Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP SW Sampling 3Q25



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				
F	Temperature upon laboratory receipt meets range not frozen to 6 C (manual check)?	X				
G	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 was 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°C with a target of 4°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.).

Site: Fayetteville

Sampling Program: CAP SW Sampling 3Q25

Validation Options:

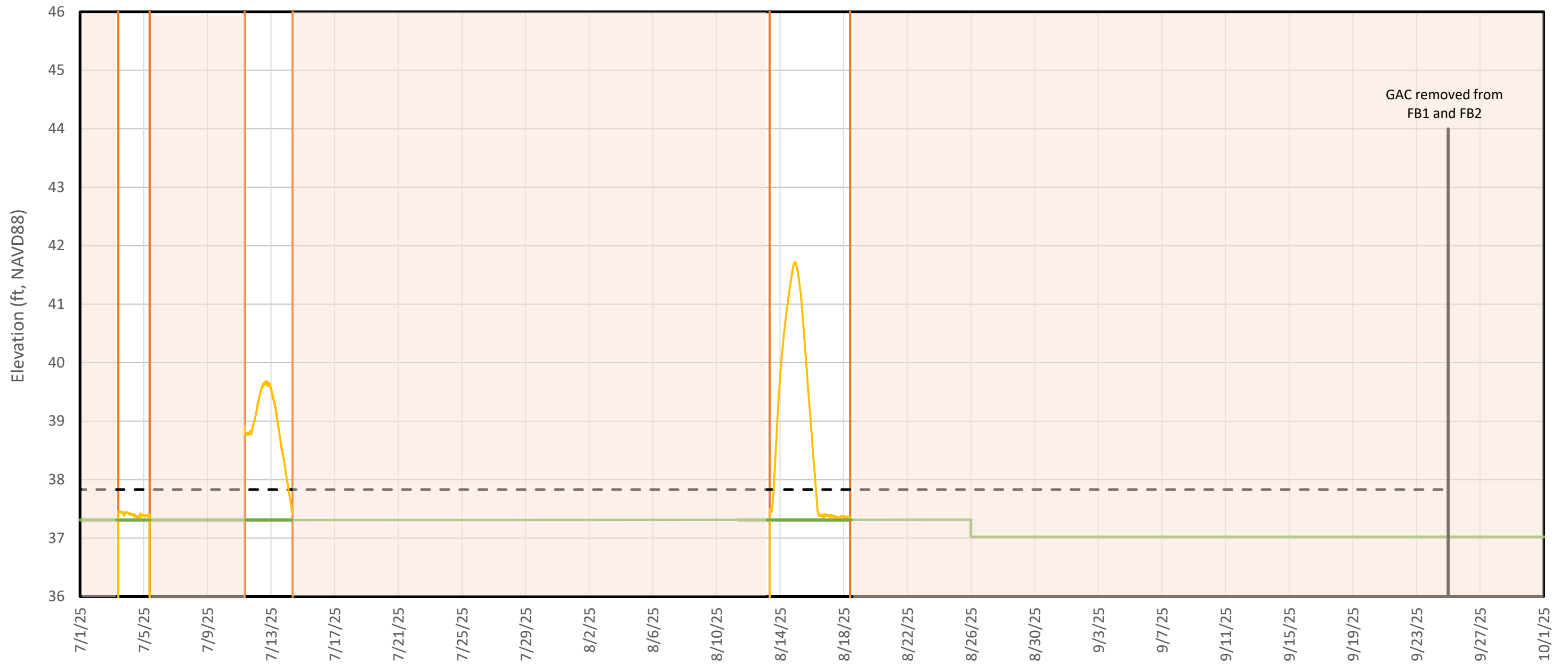
LABSTATS

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
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	R-PSDA	0.17	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	Hydrolyzed PSDA	0.41	UG/L	PQL		0.010	J	537 Modified		3535
CAP3Q25-WC-1-24-070225	07/02/2025	320-123117-2	R-EVE	0.076	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	R-PSDA	0.092	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	Hydrolyzed PSDA	0.10	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-2-24-070225	07/02/2025	320-123117-3	R-EVE	0.052	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-3-24-070225	07/02/2025	320-123117-4	R-PSDA	0.075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP3Q25-WC-3-24-070225	07/02/2025	320-123117-4	R-EVE	0.034	UG/L	PQL		0.0020	J	537 Modified		3535

Appendix B

FTC Transducer Data Reduction



Legend

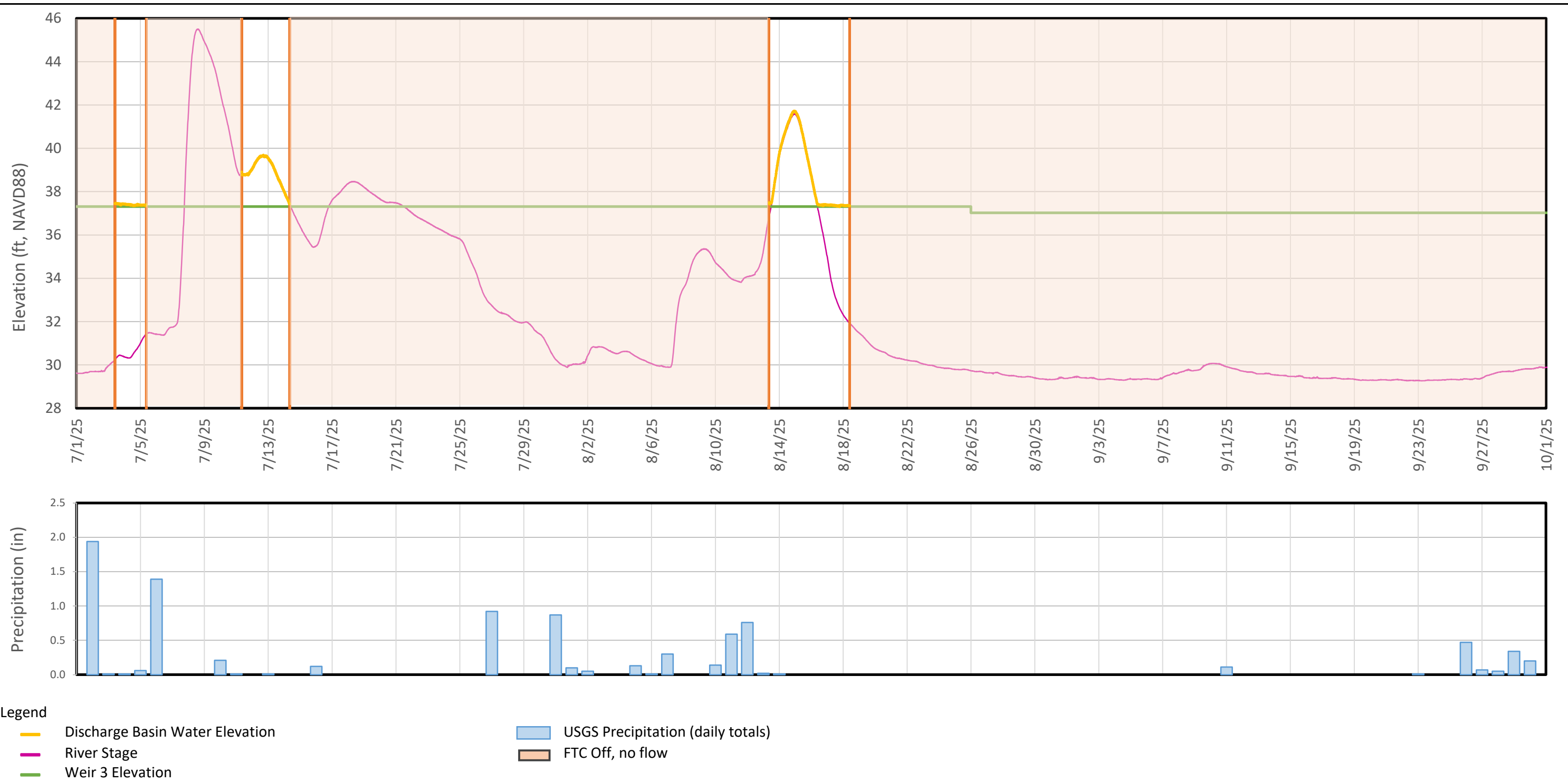
- Discharge Basin Elevation
- Weir 3 Elevation
- - - GAC Elevation
- FTC off, no flow

Notes:

GAC - granular activated carbon
 Figure B1-A shows the discharge basin transducer data that was collected during the reporting period.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
 FB1/FB2 - Filter Bed 1/Filter Bed 2

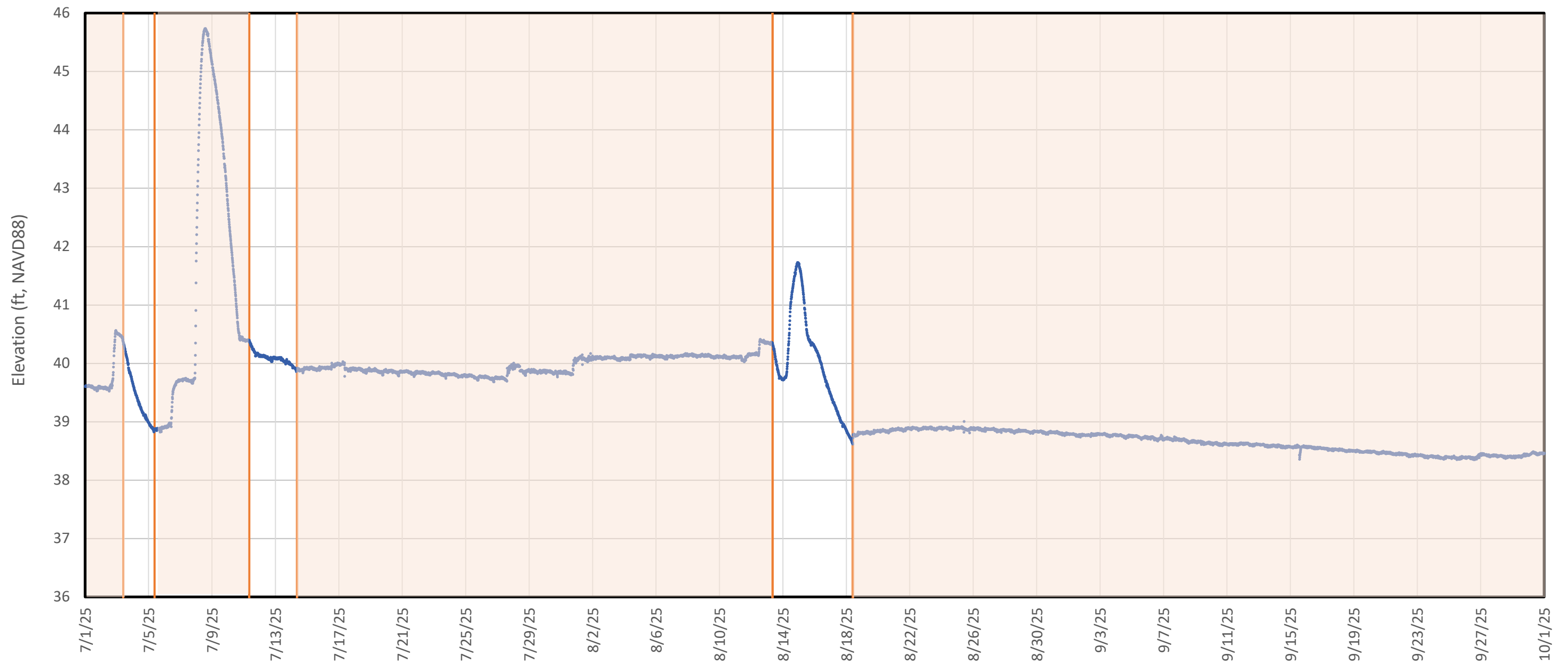
Discharge Basin Water Elevation - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

**Figure
B1-A**



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

Discharge Basin Water Elevation and External Forcings - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure B2-A	



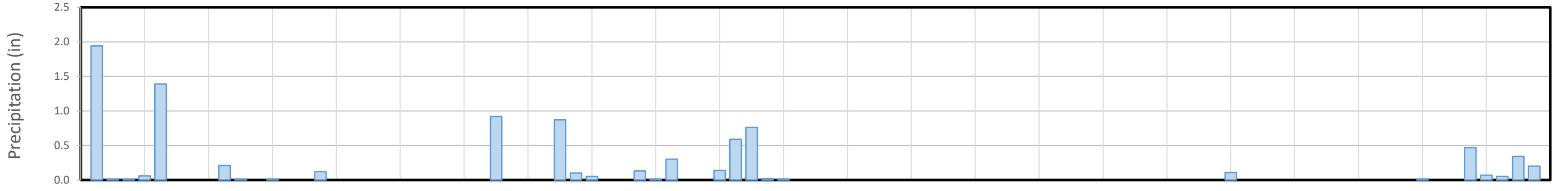
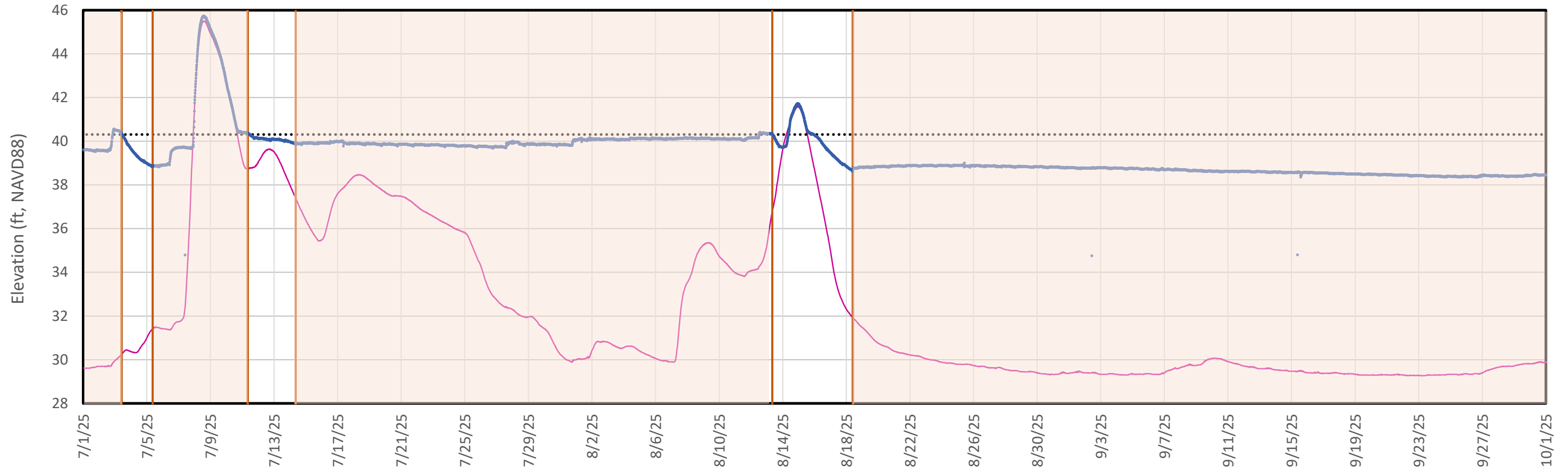
Legend

- Inlet Chamber/Impoundment Elevation
- FTC off, no flow

Notes:

Figure B3-A shows the influent transducer data that was collected during the reporting period. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

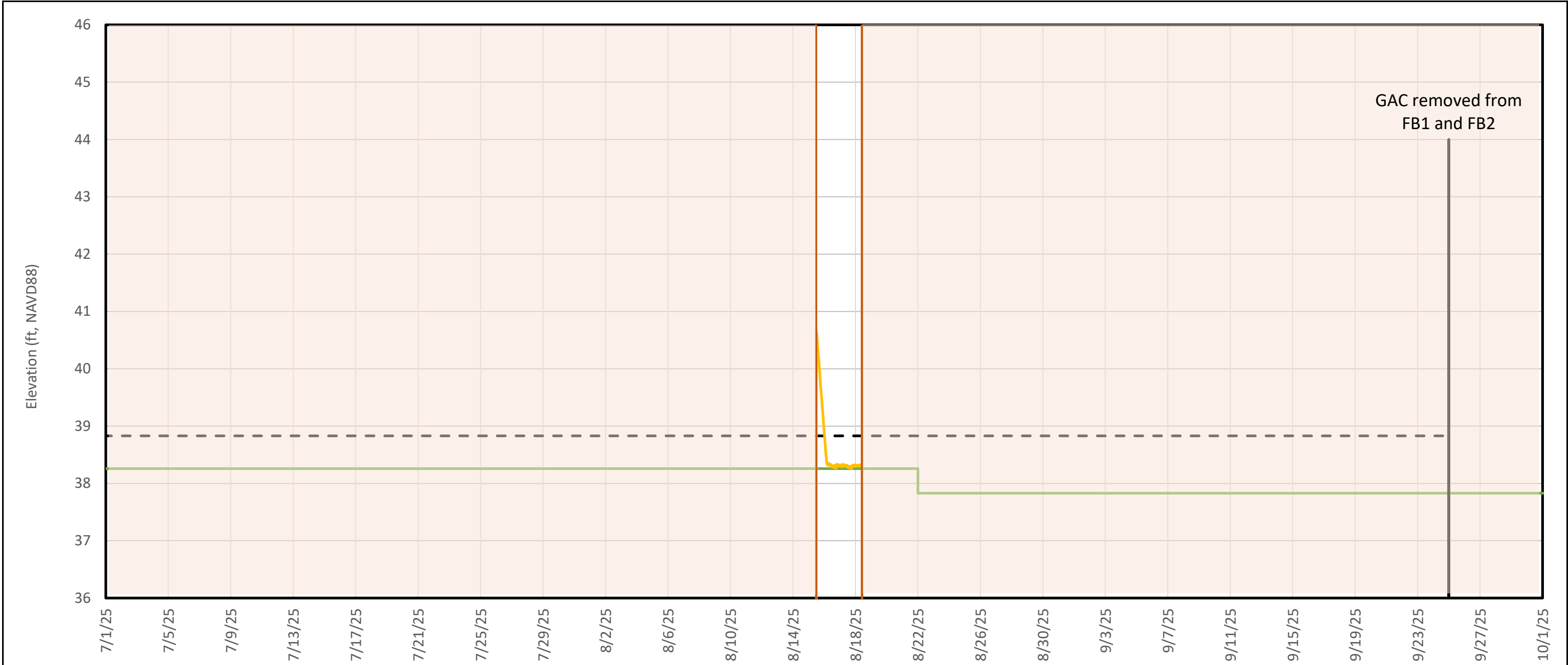
Inlet Chamber Water Elevation - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	Figure B3-A
Raleigh, NC	December 2025



- Legend**
- Inlet Chamber Water Elevation
 - River Stage
 - ◆◆ Bypass Spillway Elevation
 - USGS Precipitation (daily totals)
 - FTC off, no flow

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

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
Raleigh, NC	December 2025
Figure B4-A	

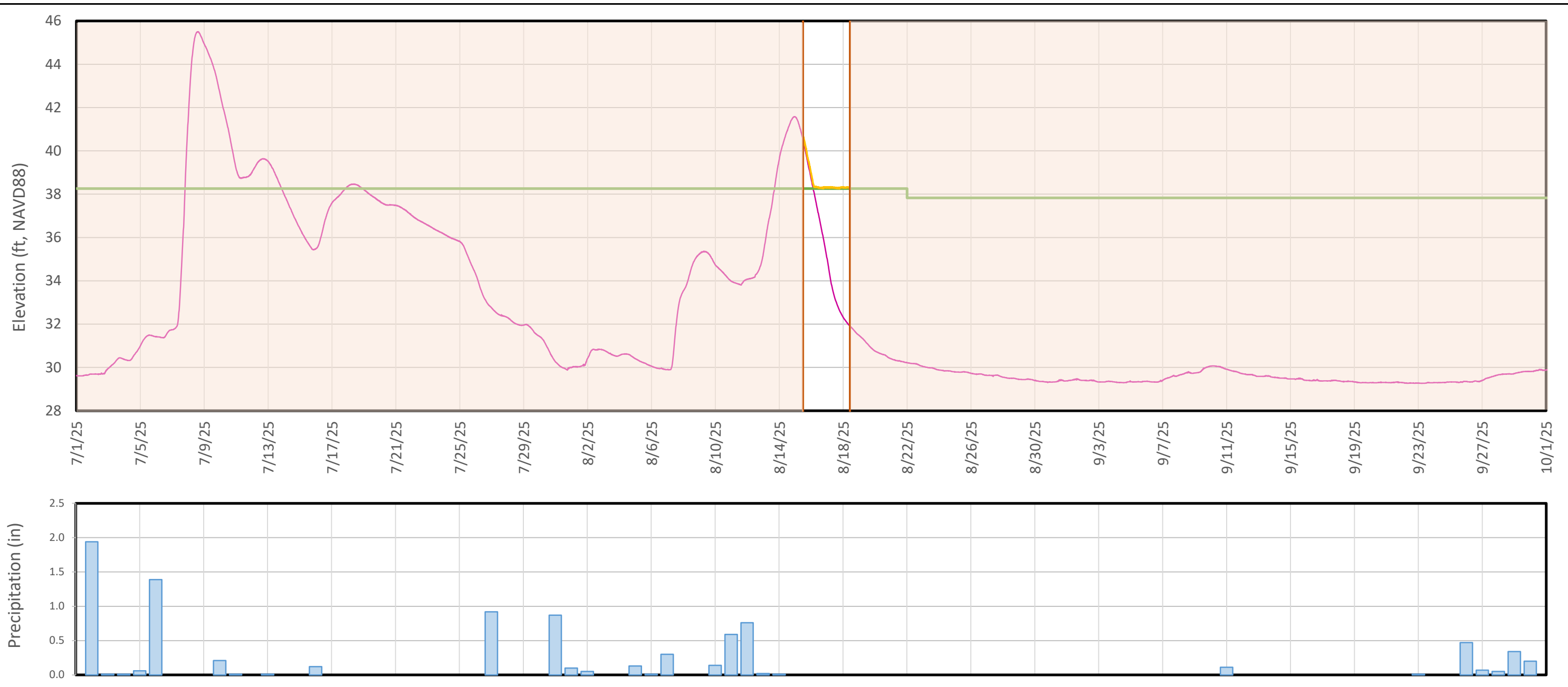


Legend

- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation
- FTC off, no flow

Notes:
 GAC - granular activated carbon
 Figure B1-B shows the discharge basin transducer data that was collected during the reporting period.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
 FB1/FB2 - Filter Bed 1/Filter Bed 2

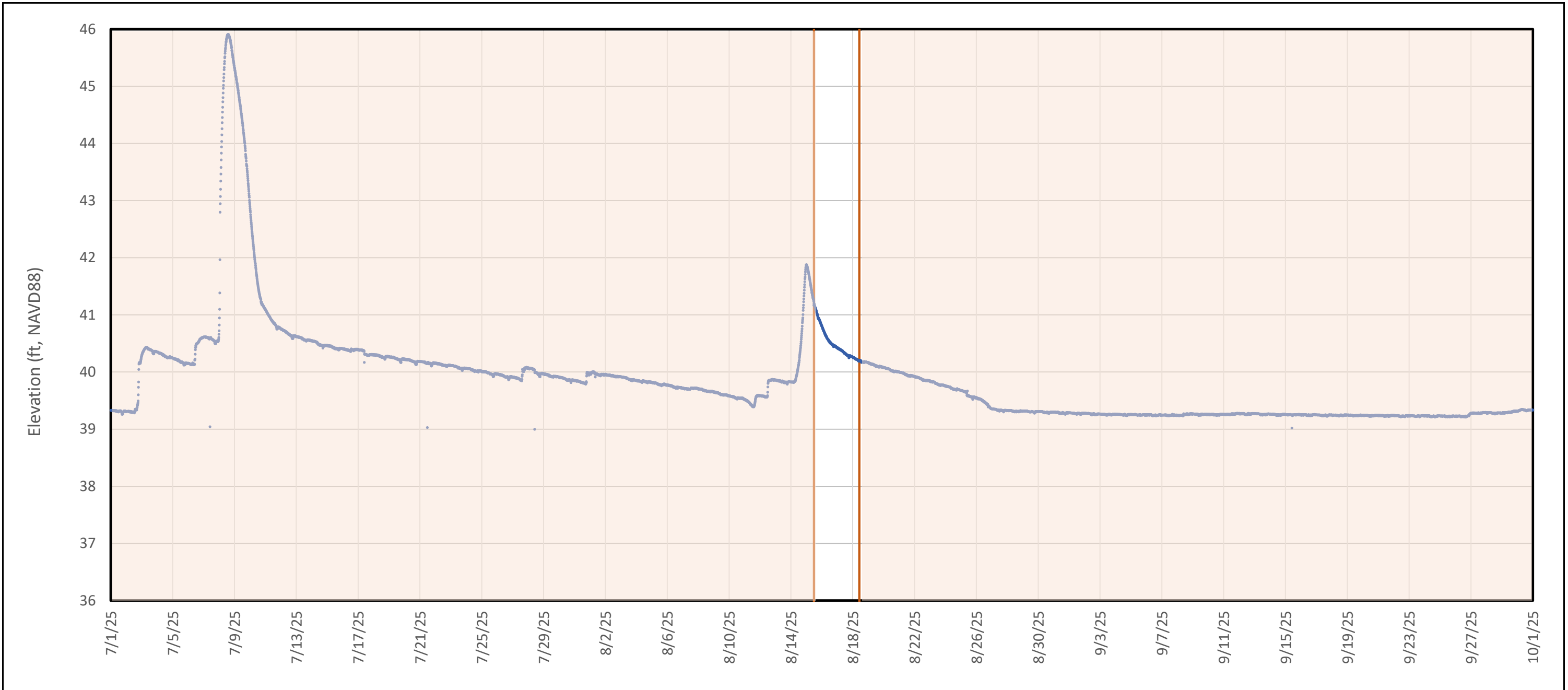
Discharge Basin Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	December 2025
Figure B1-B	



- Legend**
- Discharge Basin Water Elevation
 - River Stage
 - Weir 3 Elevation
 - █ USGS Precipitation (daily totals)
 - FTC off, no flow

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

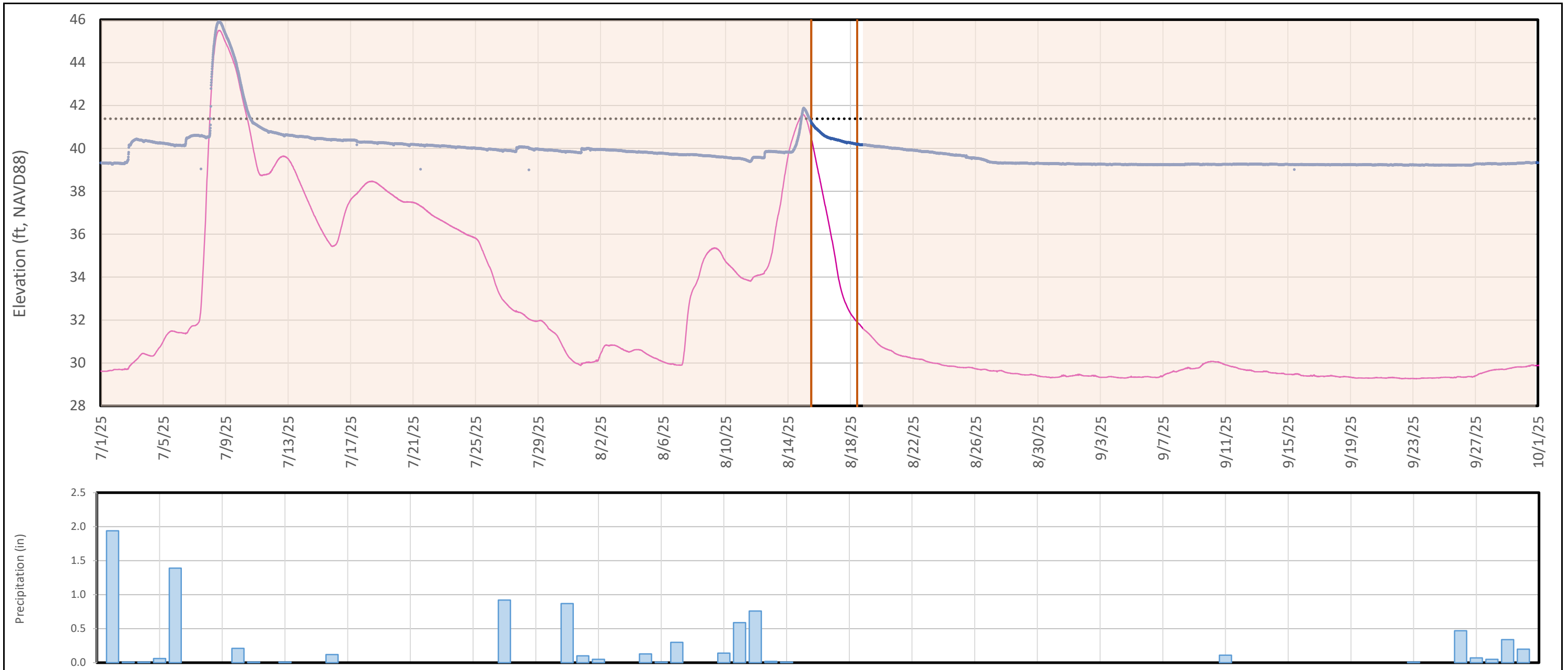
Discharge Basin Water Elevation and External Forcings - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure B2-B	



Legend
— Influent Chamber/Impoundment Elevation
 FTC off, no flow

Notes:
 Figure B3-B shows the influent transducer data that was collected during the reporting period.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

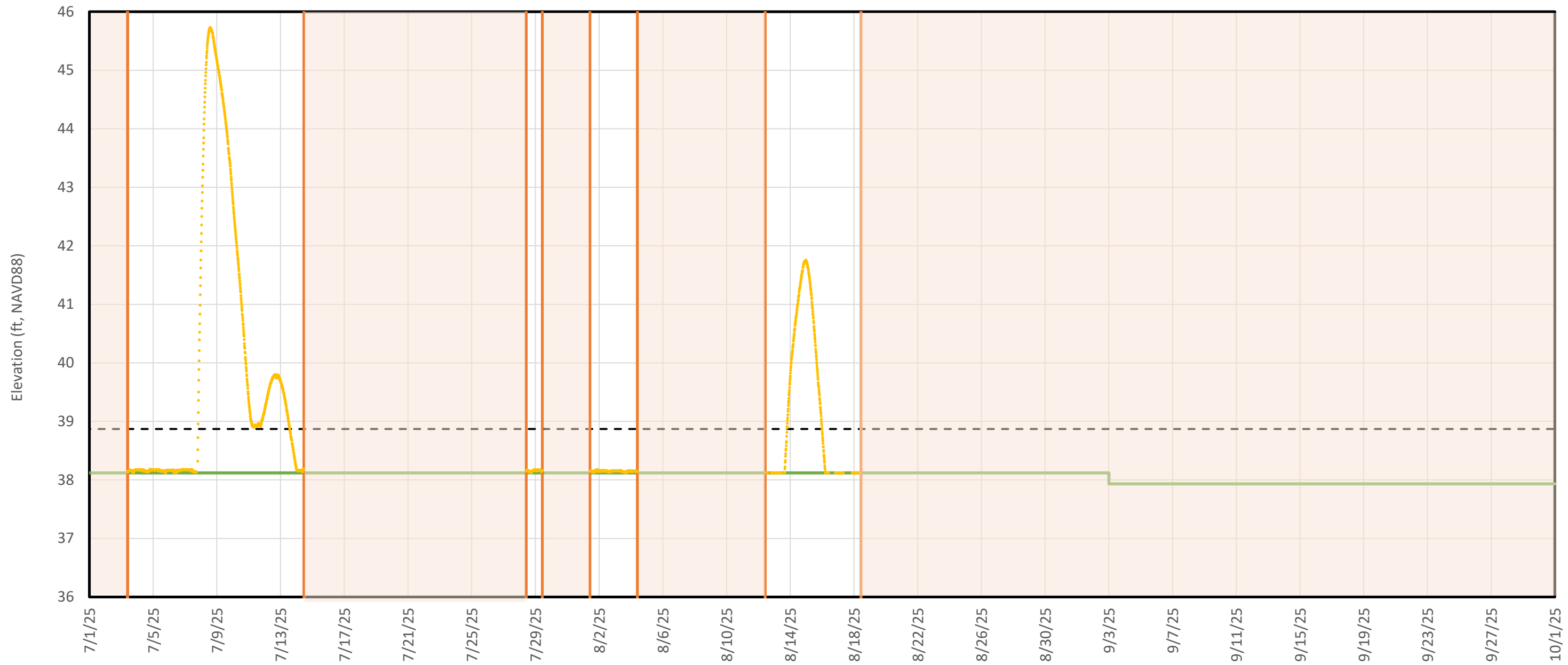
Inlet Chamber Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	Figure B3-B
Raleigh, NC	December 2025



- Legend**
- Inlet Chamber Water Elevation
 - River Stage
 - ◆◆ Bypass Spillway Elevation
 - █ USGS Precipitation (daily totals)
 - FTC off, no flow

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

Inlet Chamber Water Elevation and External Forcings - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C. 3500 and C. 295</small>
Raleigh, NC	December 2025
Figure B4-B	



Legend

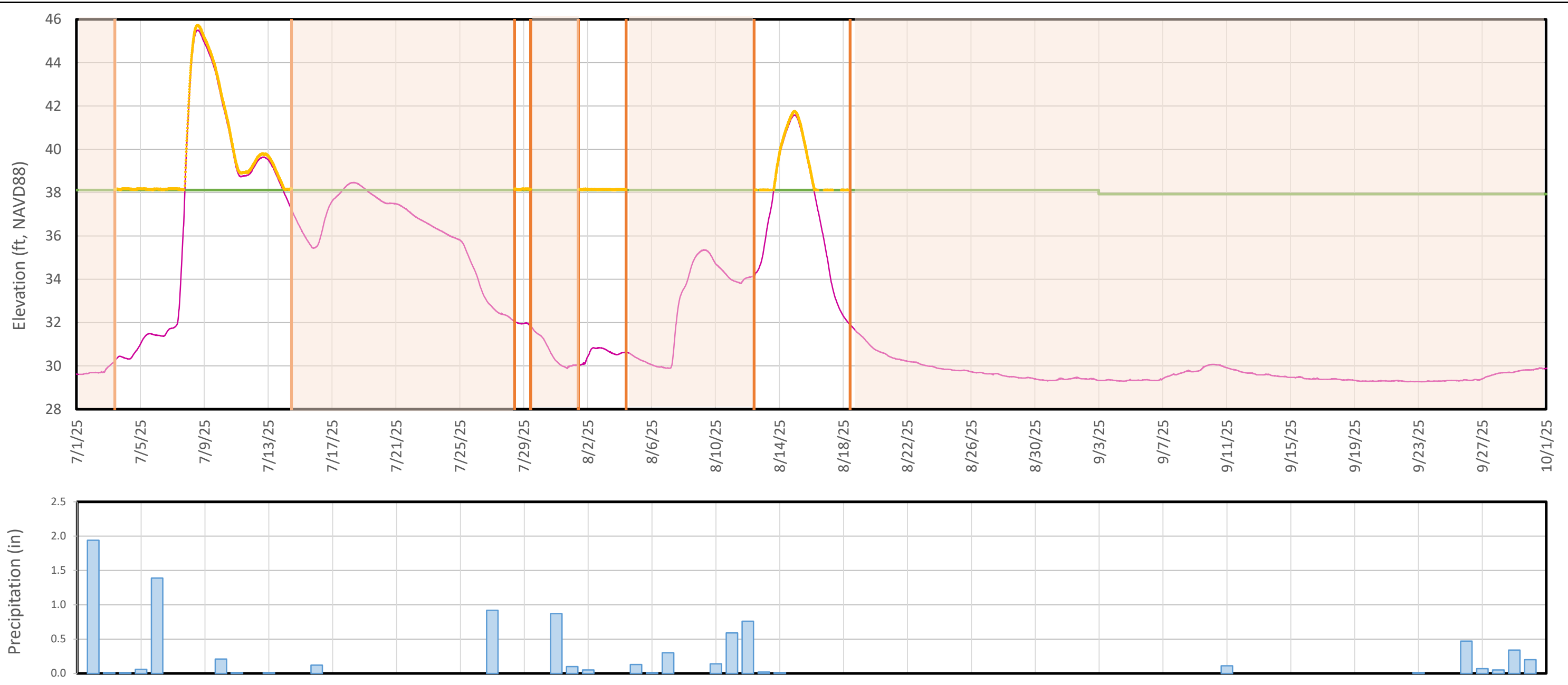
- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation
- FTC Off, no flow

Notes:

GAC - granular activated carbon
 Figure B1-C shows the discharge basin transducer data that was collected during the reporting period.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

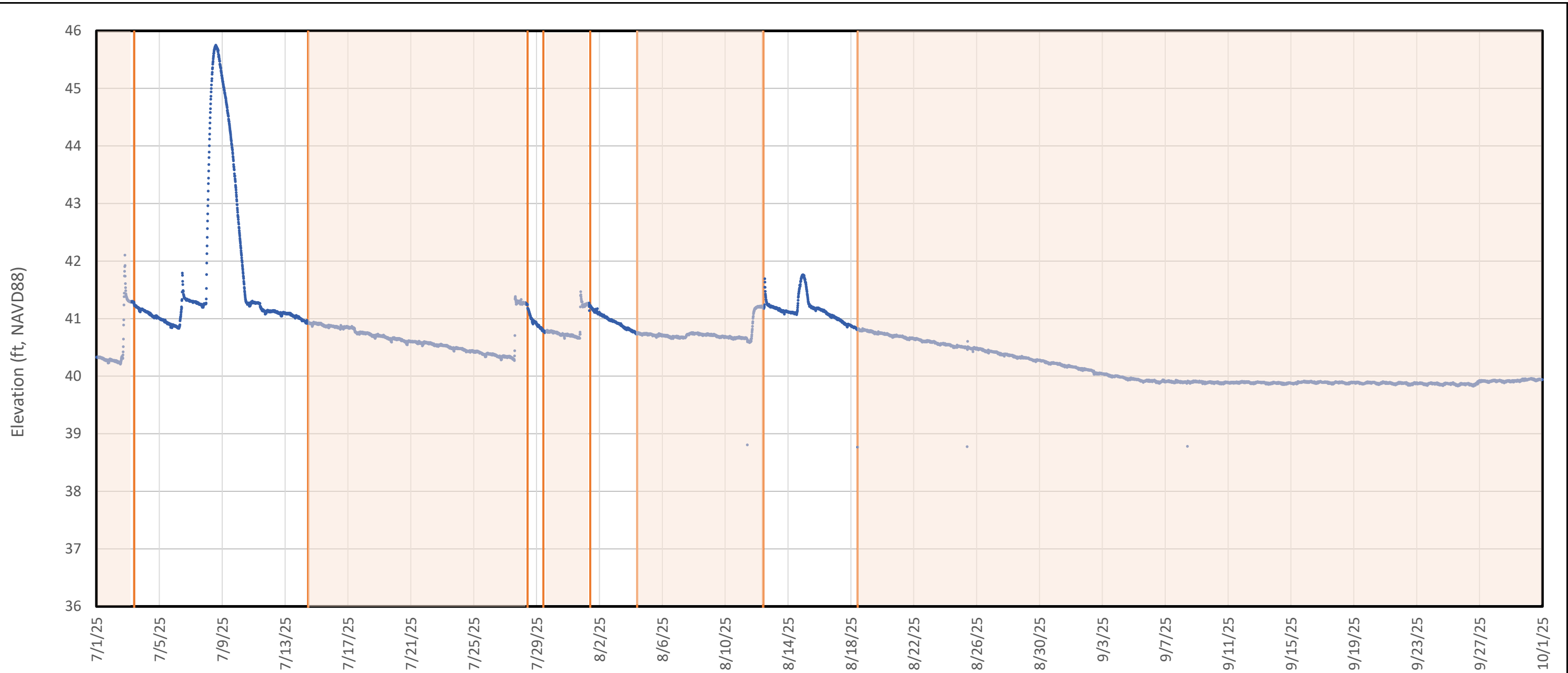
Discharge Basin Water Elevation - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

**Figure
B1-C**



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

Discharge Basin Water Elevation and External Forcings - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure B2-C	



Legend

- Inlet Chamber/Impoundment Elevation
- FTC Off, no flow

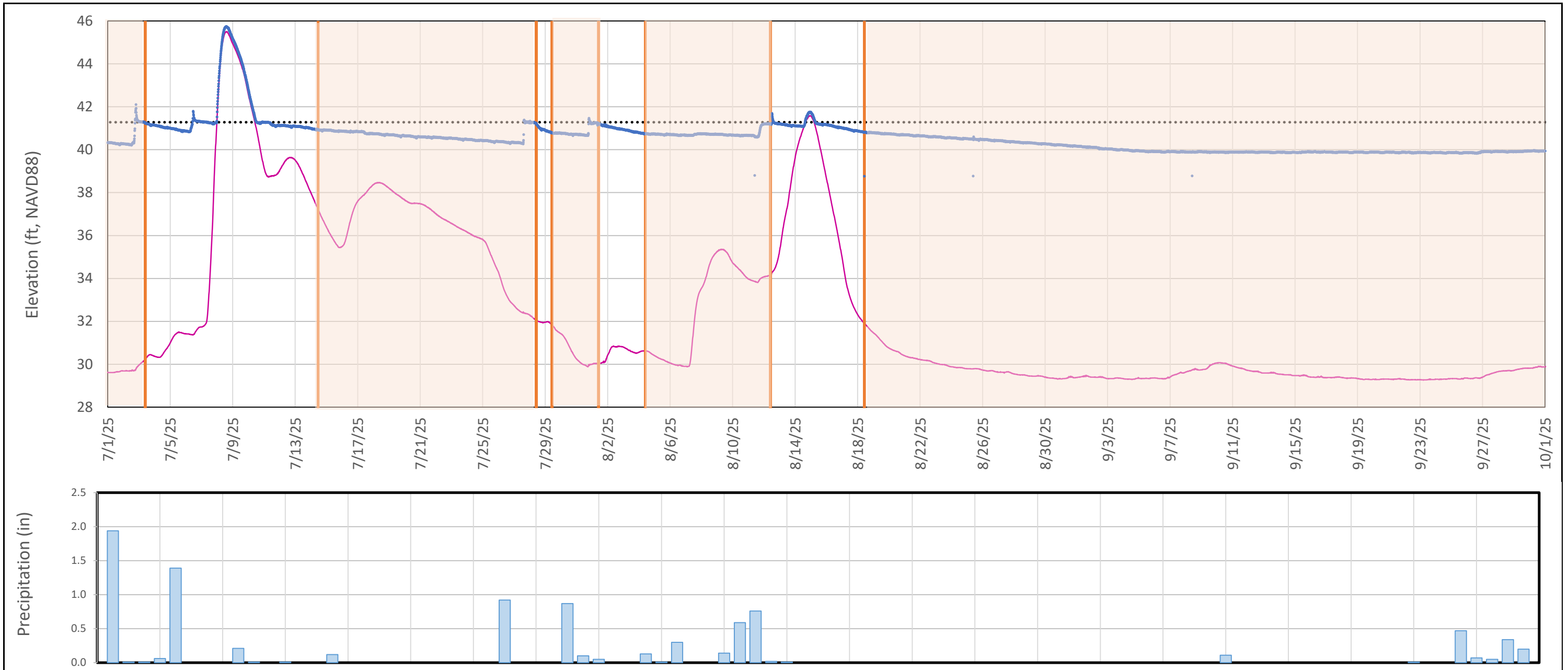
Notes:

Figure B3-C shows the influent transducer data that was collected during the reporting period. mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

Batch

Inlet Chamber Water Elevation - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

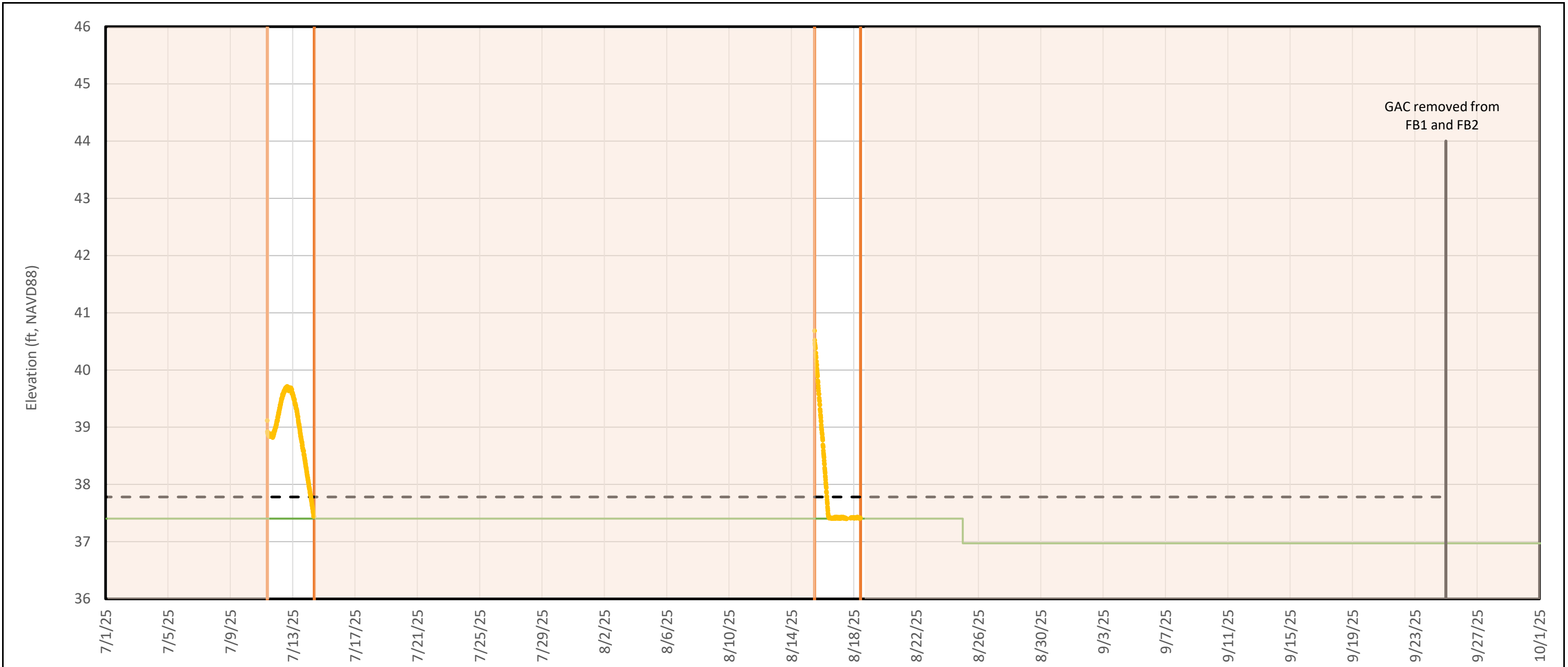
**Figure
B3-C**



- Legend**
- Inlet Chamber Water Elevation
 - River Stage
 - ◆◆ Bypass Spillway Elevation
 - █ USGS Precipitation (daily totals)
 - FTC Off, no flow

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

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	December 2025
Figure B4-C	



Legend

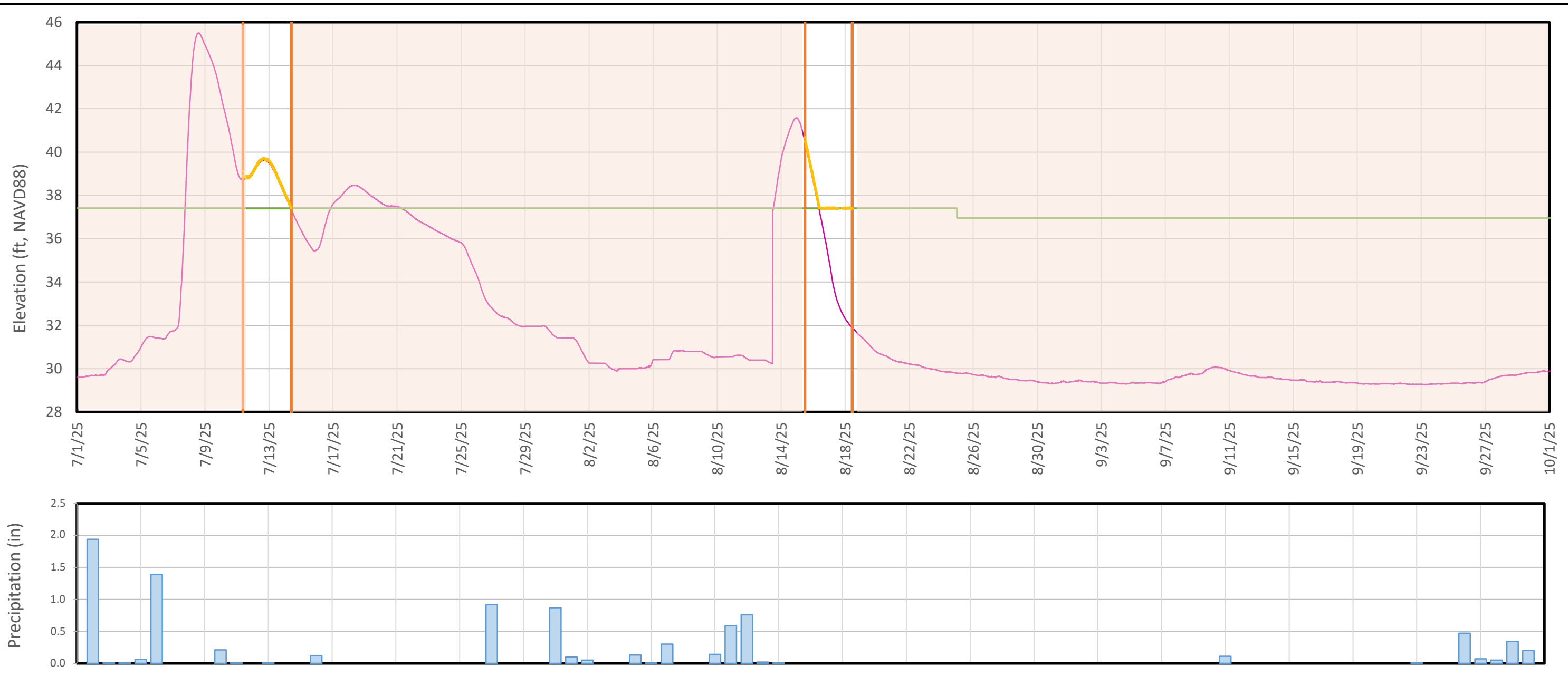
- Discharge Basin Elevation
- Weir 3 Elevation
- GAC Elevation
- FTC Off, no flow

Notes:

GAC - granular activated carbon
 Figure B1-D shows the discharge basin transducer data that was collected during the reporting period.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.
 FB1/FB2 - Filter Bed 1/Filter Bed 2

Discharge Basin Water Elevation - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

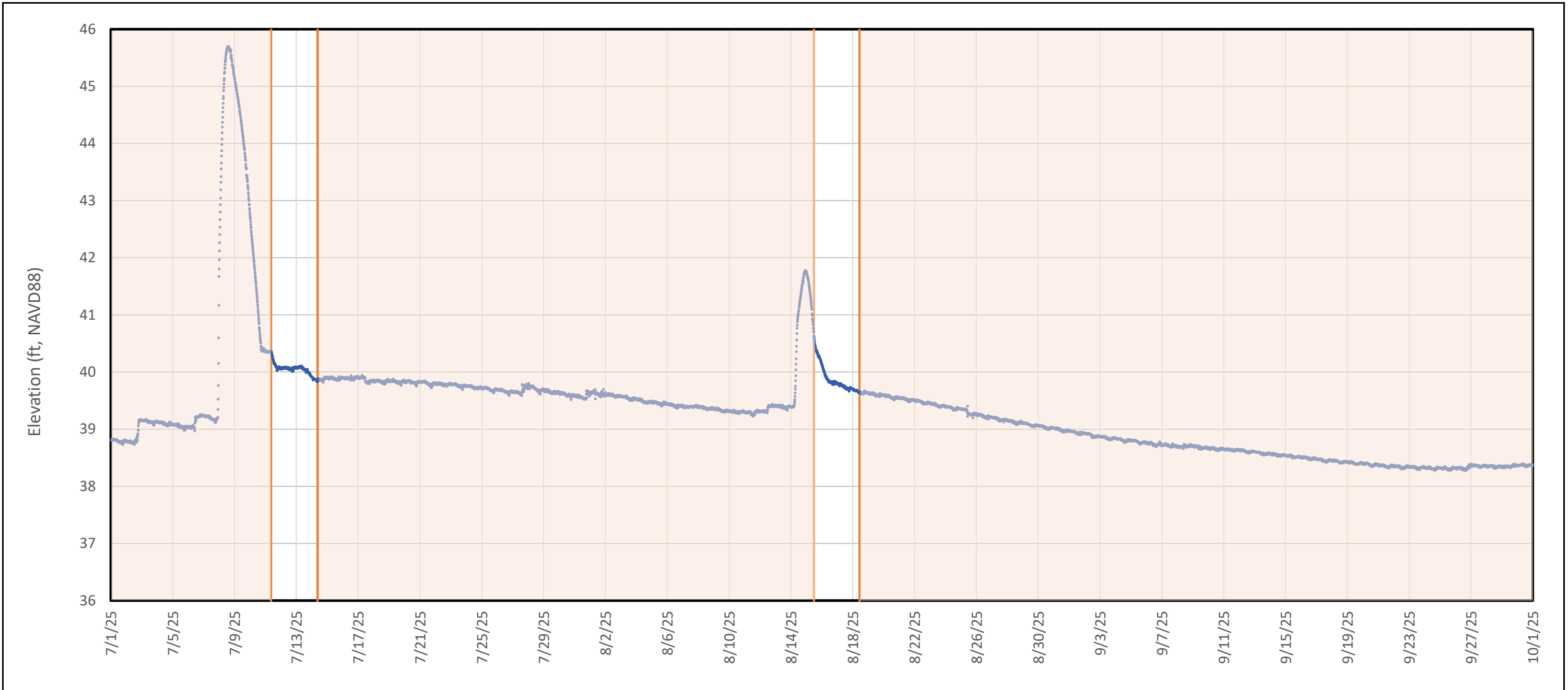
**Figure
B1-D**



- Legend**
- Discharge Basin Water Elevation
 - River Stage
 - Weir 3 Elevation
 - █ USGS Precipitation (daily totals)
 - FTC Off, no flow

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

Discharge Basin Water Elevation and External Forcings - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure B2-D	

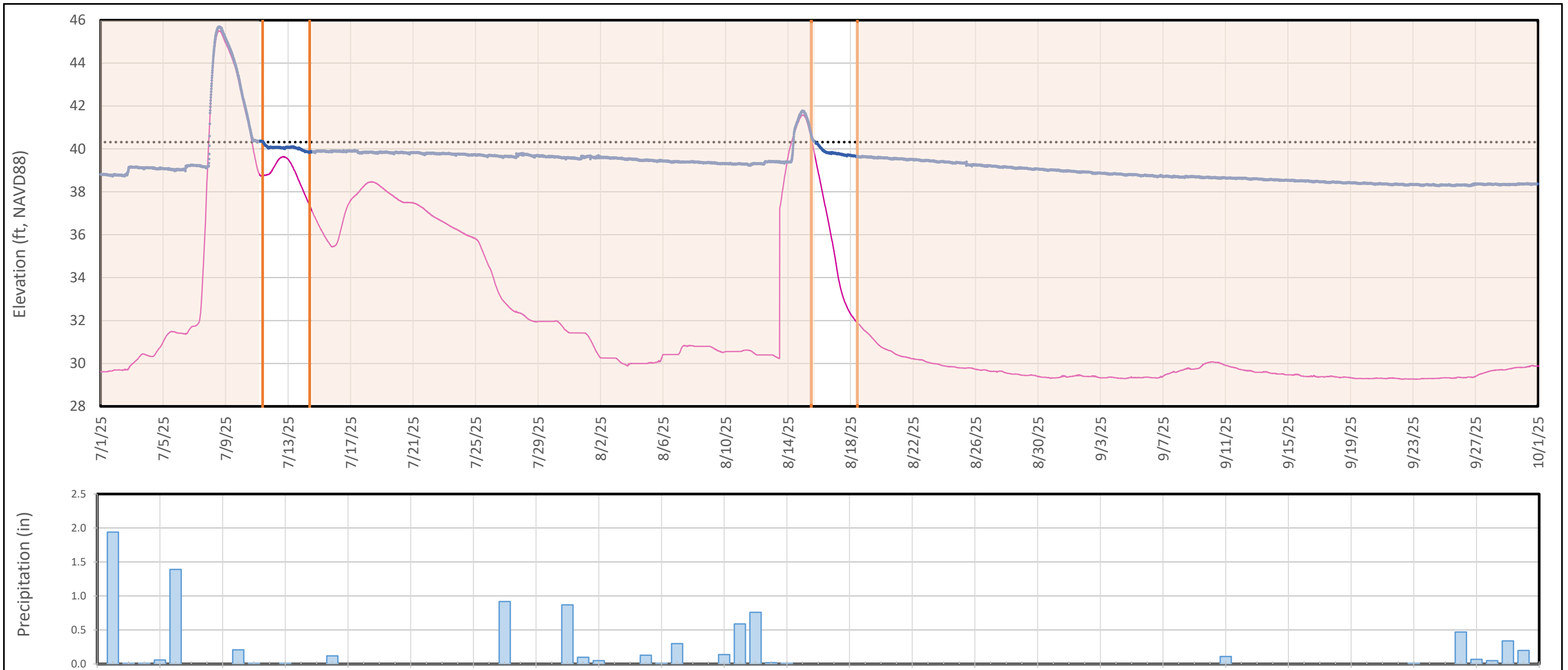


Legend
— Influent Chamber/Impoundment Elevation
 FTC Off, no flow

Notes:
 Figure B3-D shows the influent transducer data that was collected during the reporting period. Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

Inlet Chamber Water Elevation - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025

**Figure
B3-D**



- Legend**
- Inlet Chamber Water Elevation
 - River Stage
 - ◆◆◆ Bypass Spillway Elevation
 - █ USGS Precipitation (daily totals)
 - FTC Off, no flow

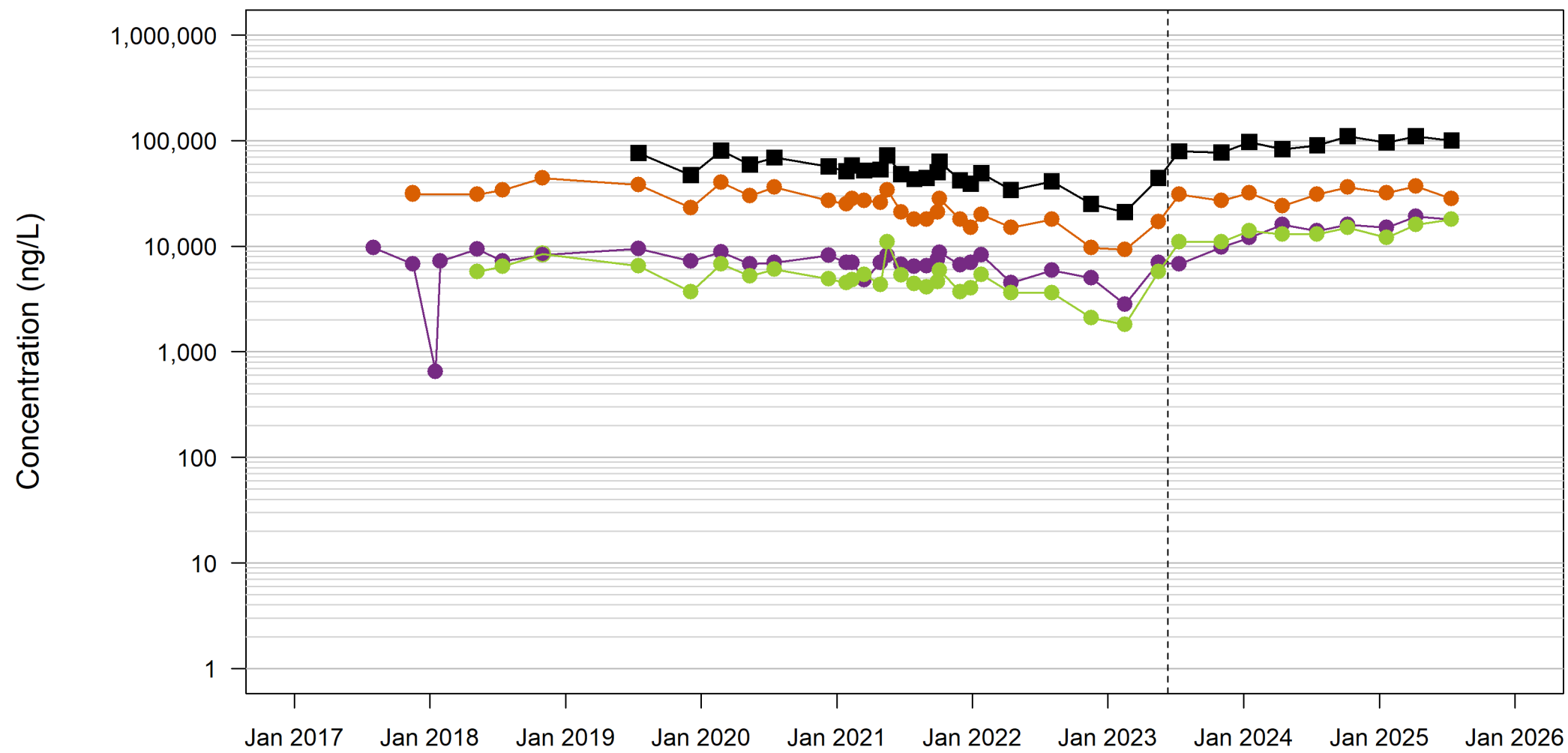
Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure B4-D compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.
 Batch mode (in which the FTC is closed to flow due to dry conditions) is designated with orange shading.

Inlet Chamber Water Elevation and External Forcings - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. <small>NC License No.: C 3500 and C 295</small>
Raleigh, NC	December 2025
Figure B4-D	

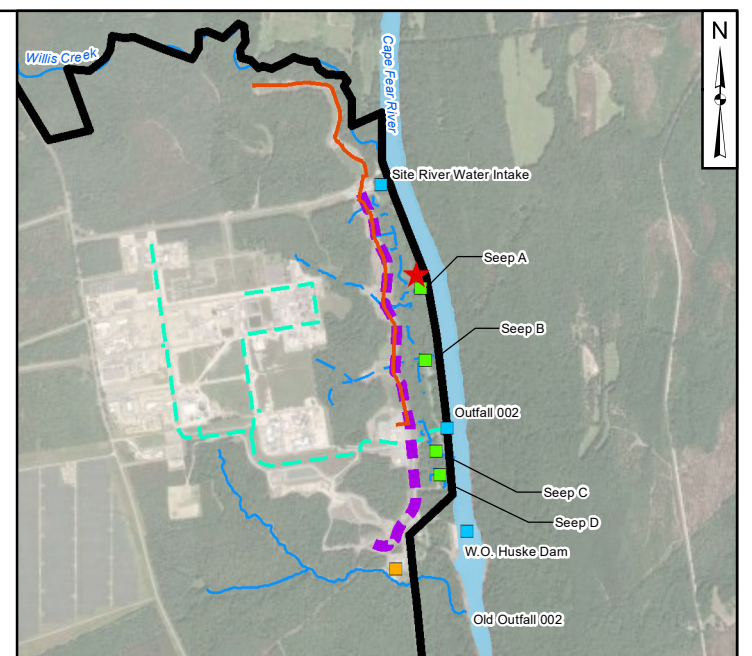
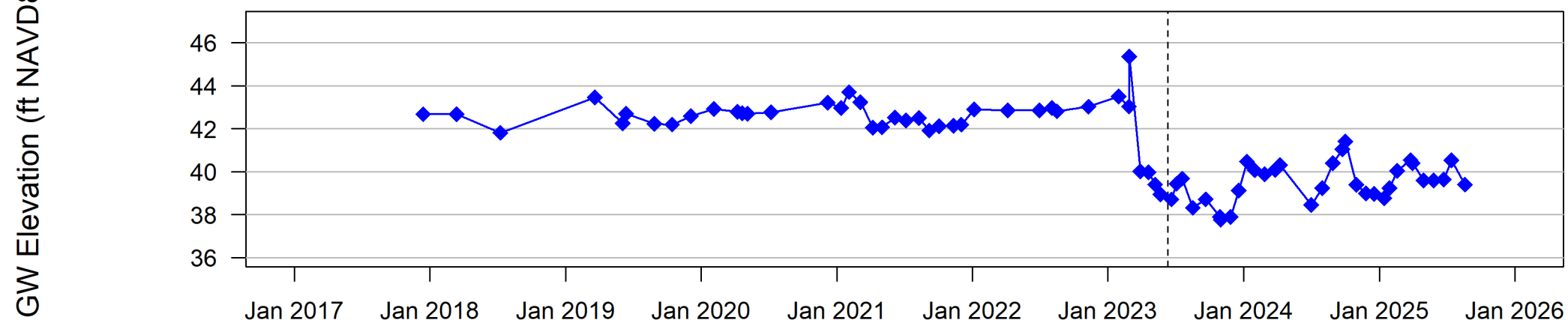
Appendix C

Time Trends in Select Downgradient Monitoring Wells

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- - - Observed Seep (Natural Drainage)
- - - Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



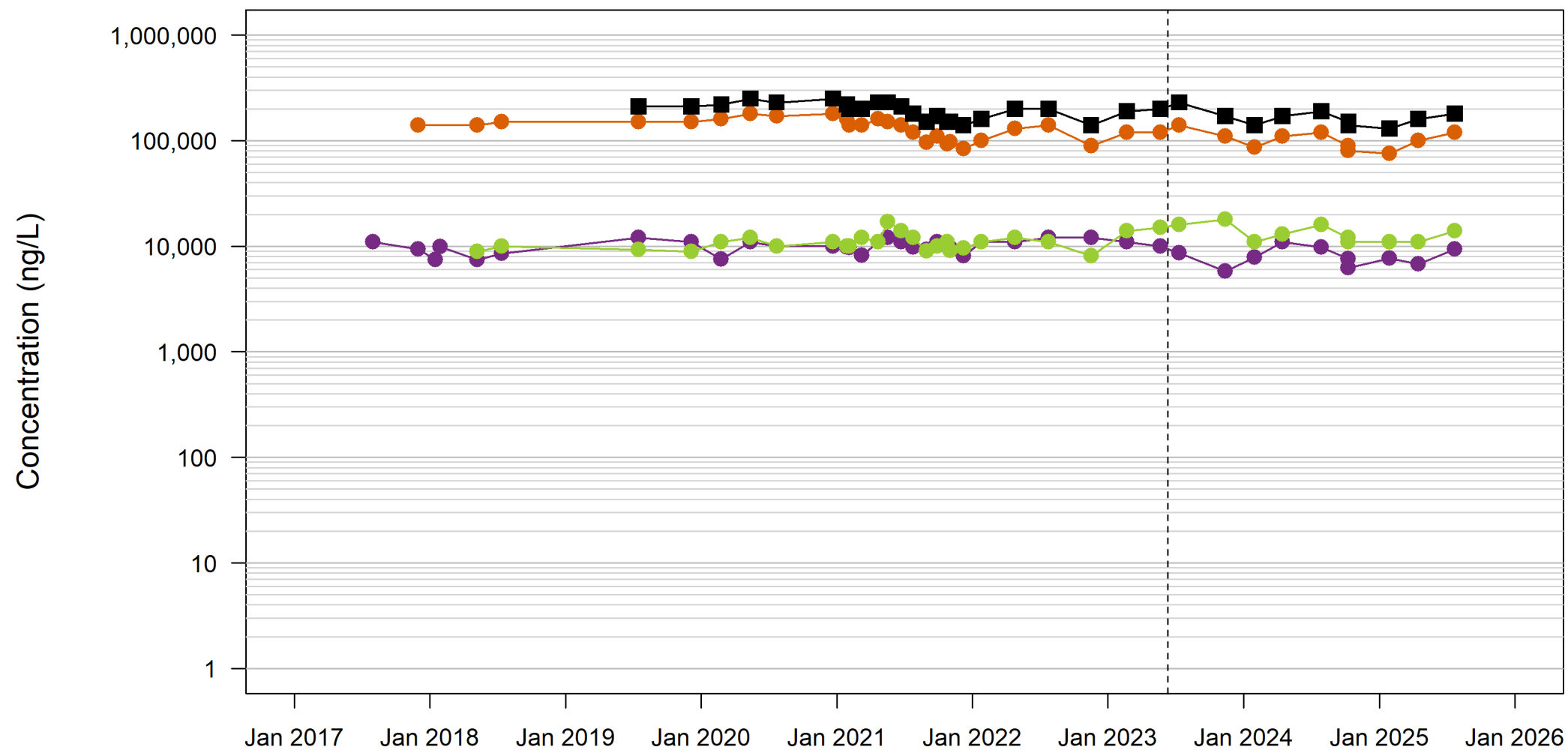
Time Trends at LTW-02 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- GW Elevation
- - - Barrier Wall Installation

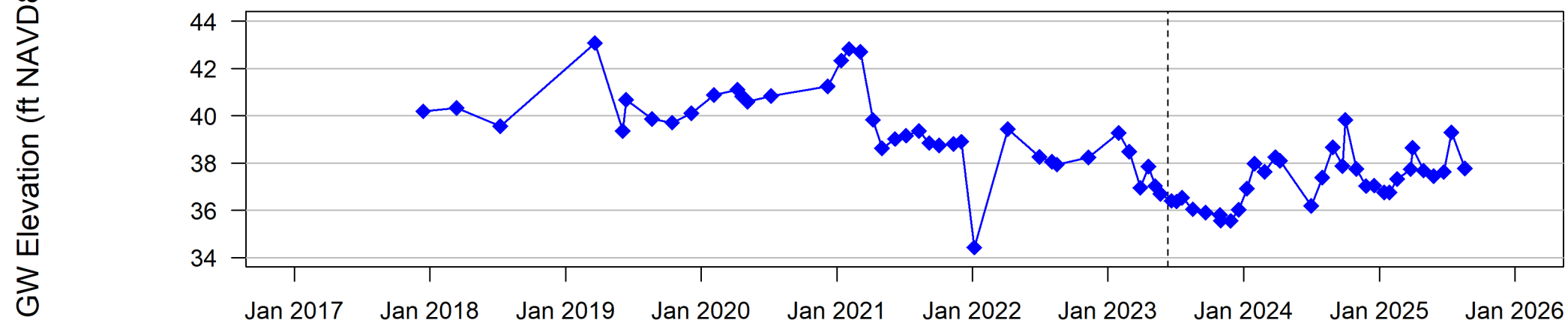
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.2
Raleigh	December 2025	

Path: \\G:\ghigh\01\Data\PCU\Projects\170795 Database and GIS Output\Time Trends\170795 - Time Trends\01\Network\Figure For Reporting_GWEC.mxd; Title: 12/12/2025

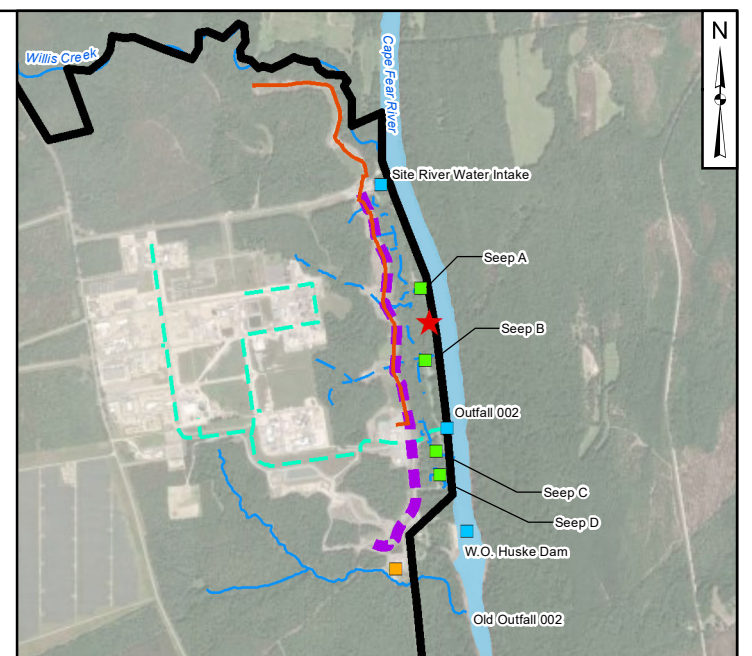
Table 3+ Analytical Results



Groundwater Elevations



- Detect
- HFPO-DA
- PMPA
- GW Elevation
- Non-Detect
- PFMOAA
- Total Table 3+ (17)
- Barrier Wall Installation



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



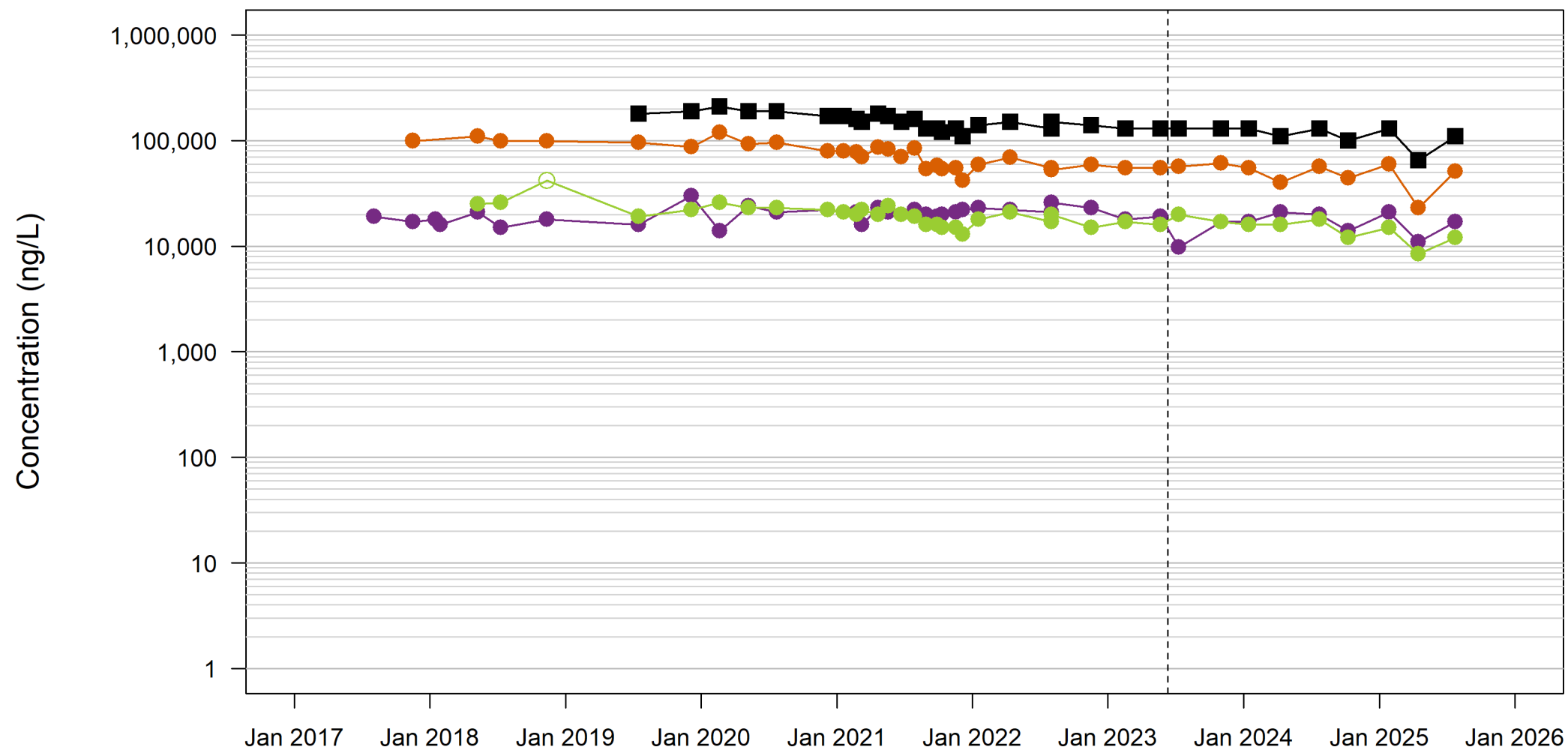
Time Trends at LTW-03 (Floodplain Deposits)

Chemours Fayetteville Works, North Carolina

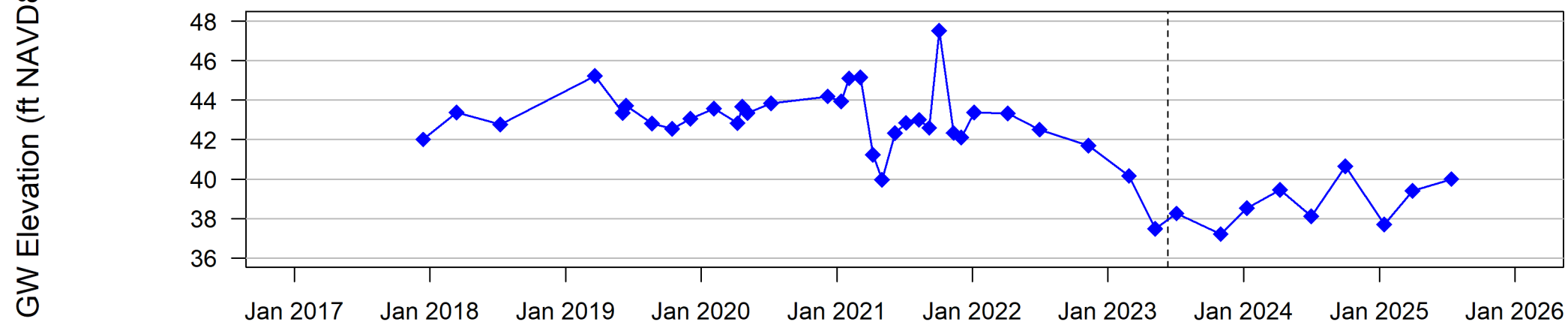
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.3
Raleigh	December 2025	

Path: \\G:\ghigh\01\Data\PCU\Projects\170795 Database and GIS\Output\Time Trends\TR0795 - Time Trends\Drawings\Network\Figure For Reporting_GWEC.mxd; Title: 12/12/2025

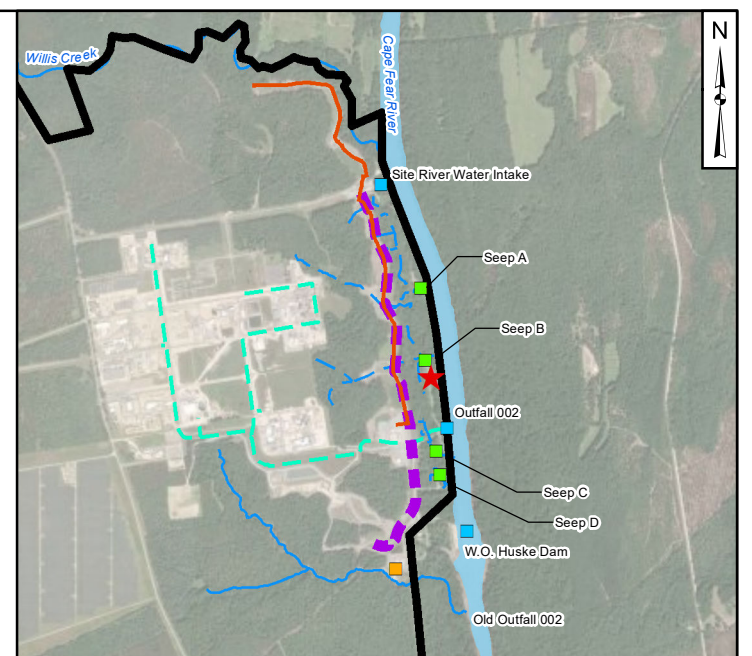
Table 3+ Analytical Results



Groundwater Elevations



Detect
 Non-Detect
 HFPO-DA
 PFMOAA
 PMPA
 Total Table 3+ (17)
 Barrier Wall Installation
 GW Elevation



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

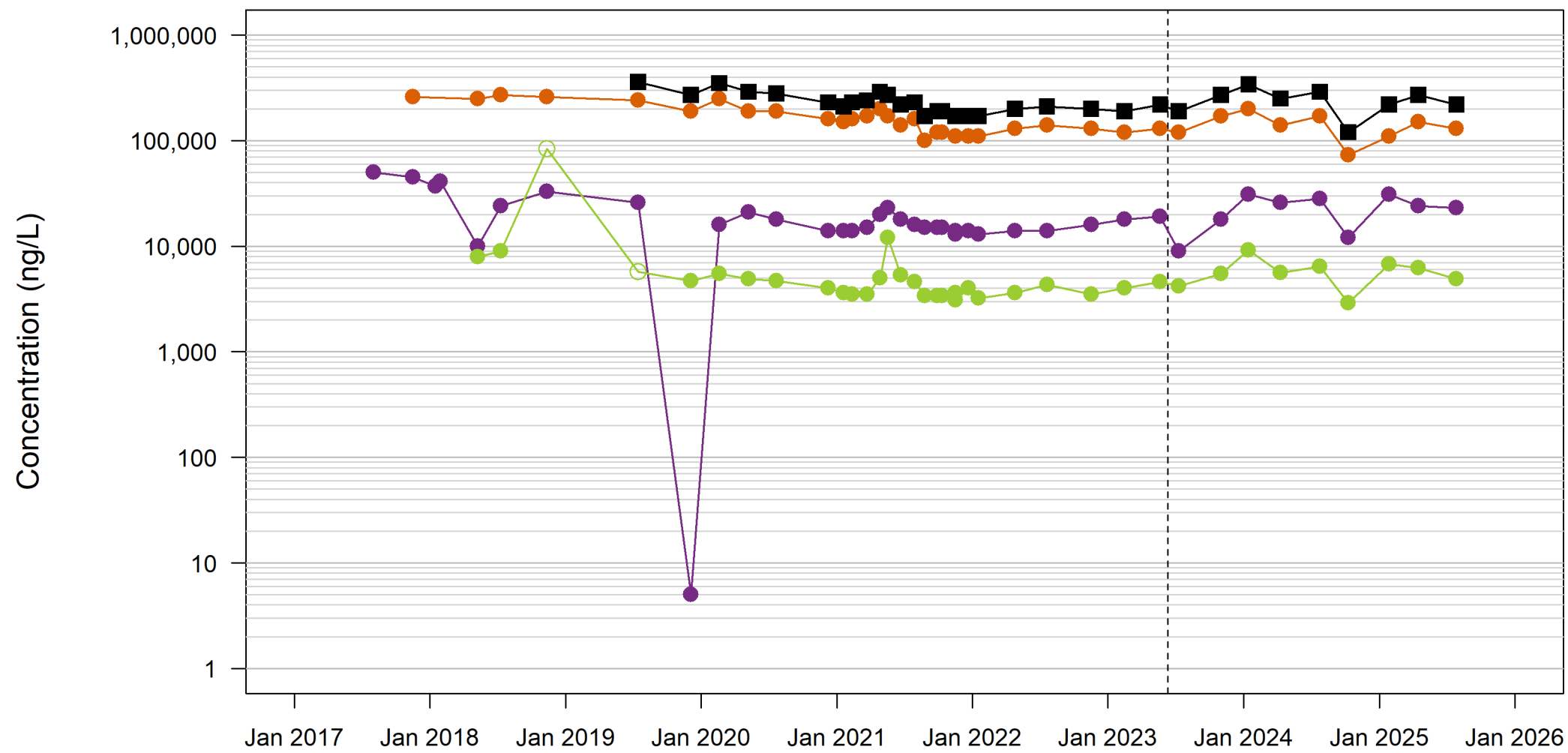


Time Trends at LTW-04 (Floodplain Deposits)
 Chemours Fayetteville Works, North Carolina

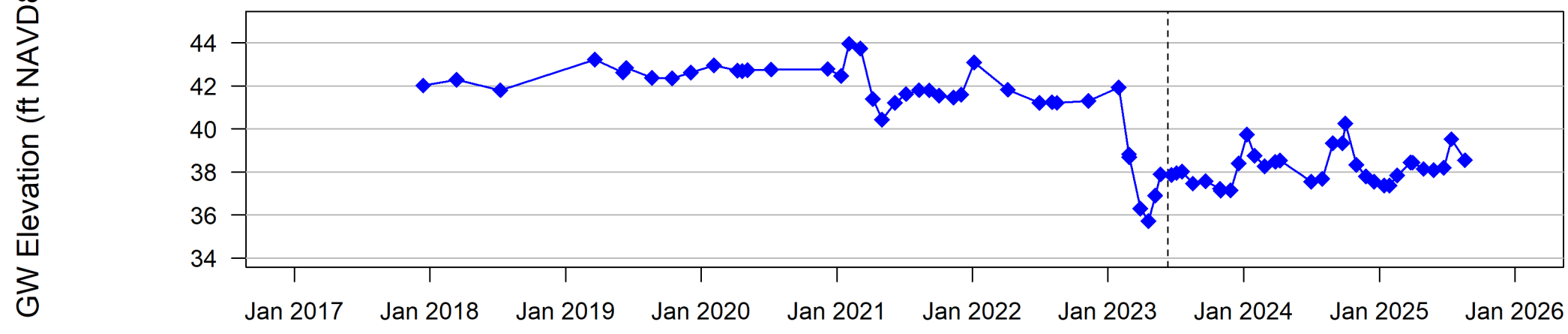
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.4
Raleigh	December 2025	

Path: \\G:\ghigh\01\Data\FR\Projects\1707195 Database and GIS Output\Time Trends\1707195 - Time Trends\01\Network\Figure For Reporting_GWEC.mxd; Title: 12/12/2025

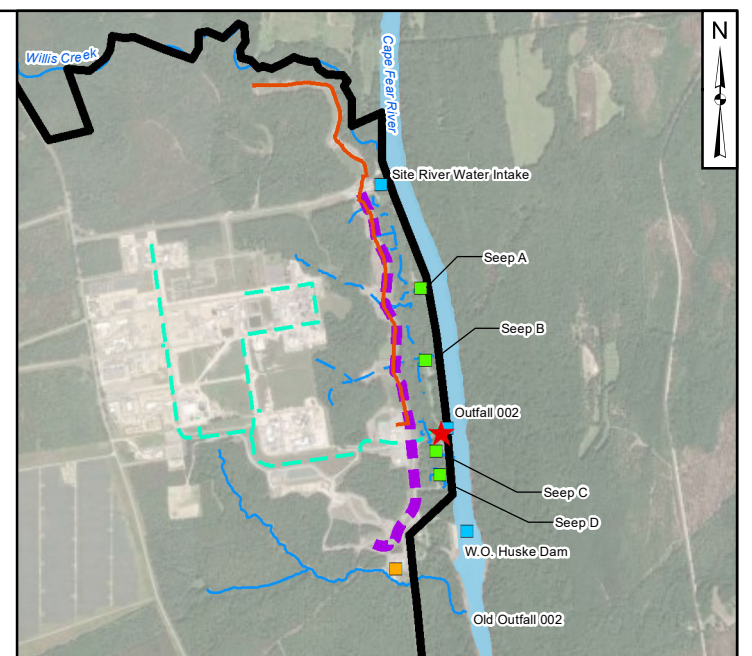
Table 3+ Analytical Results



Groundwater Elevations



Detect
 HFPO-DA
 PMPA
 GW Elevation
 Non-Detect
 PFMOAA
 Total Table 3+ (17)
 - - - Barrier Wall Installation

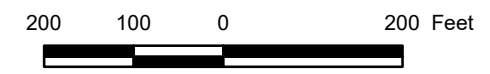


Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- - - Observed Seep (Natural Drainage)
- - - Site Conveyance Network
- North Forcemain
- - - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

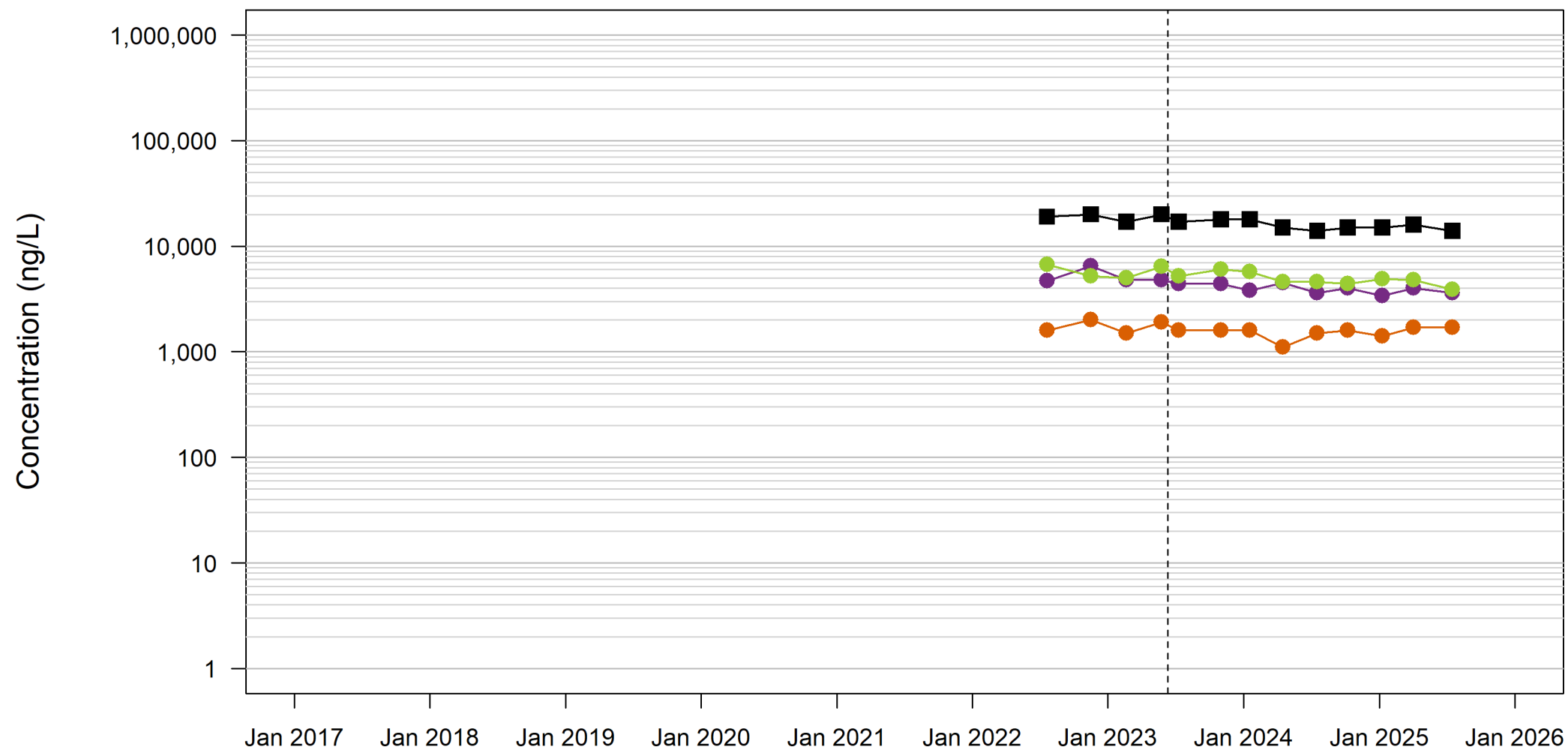


Time Trends at LTW-05 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

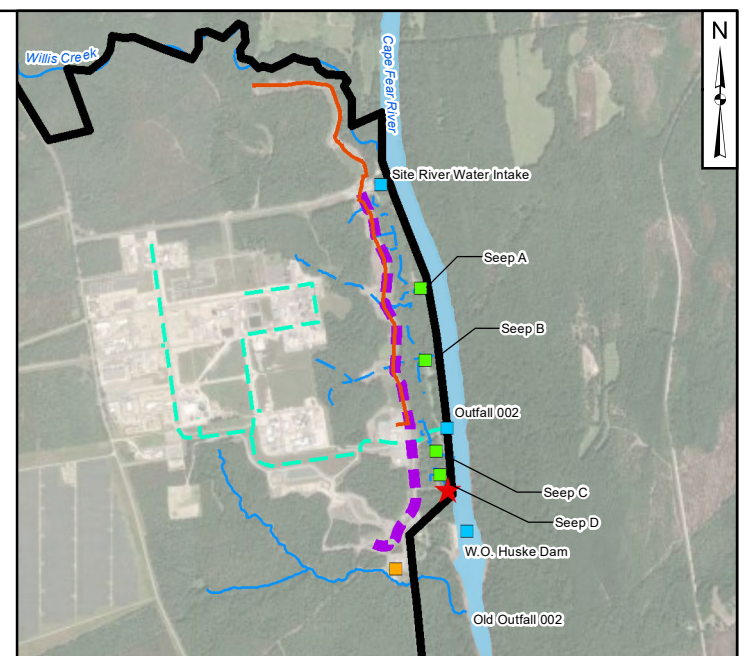
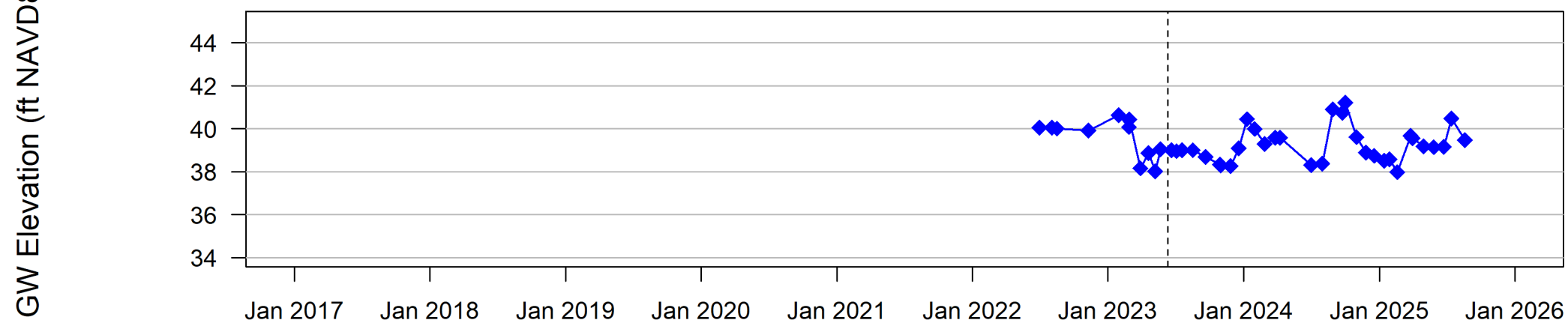
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Raleigh	December 2025	

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Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- - - Observed Seep (Natural Drainage)
- - - Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-28 (Black Creek Aquifer)
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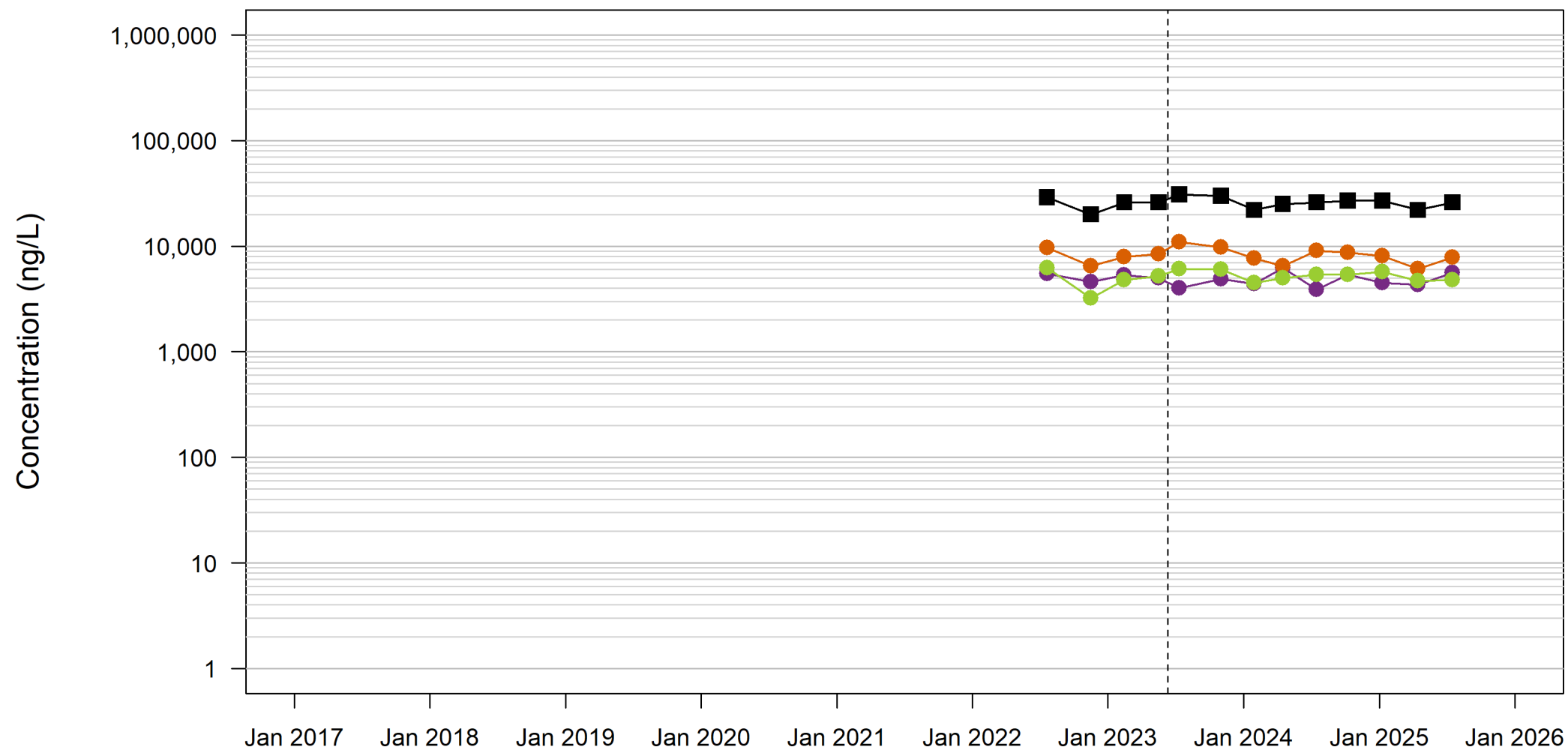
Raleigh | December 2025

Figure C.6

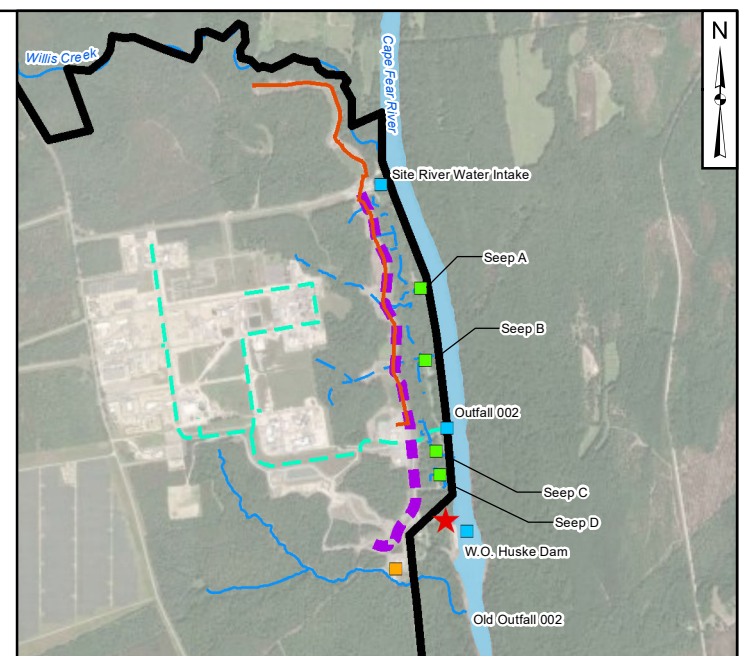
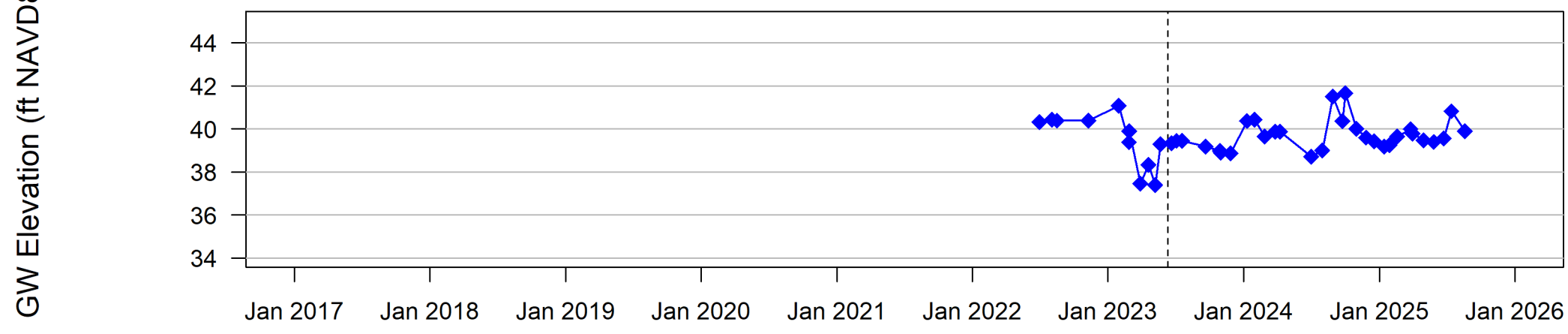
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- - - Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-33 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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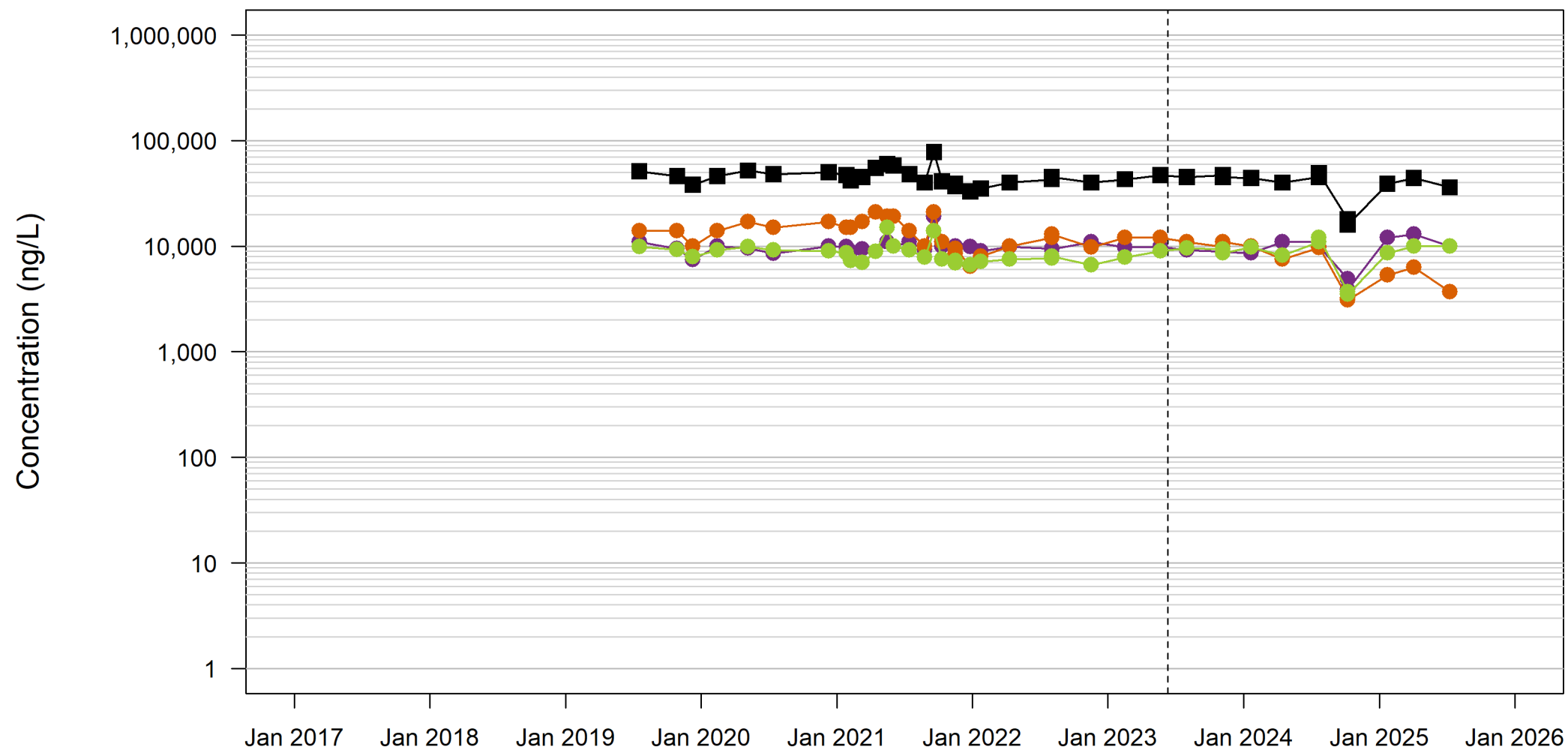
Raleigh | December 2025

Figure C.7

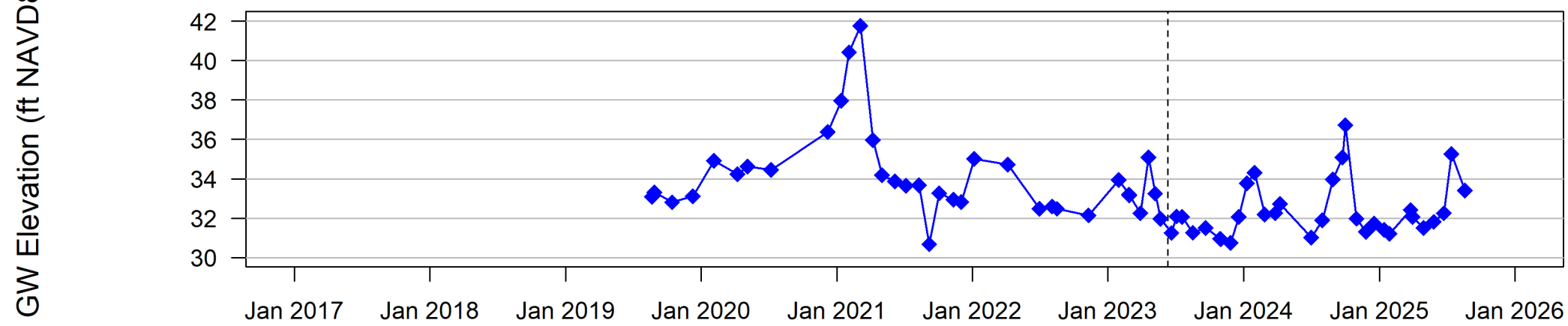
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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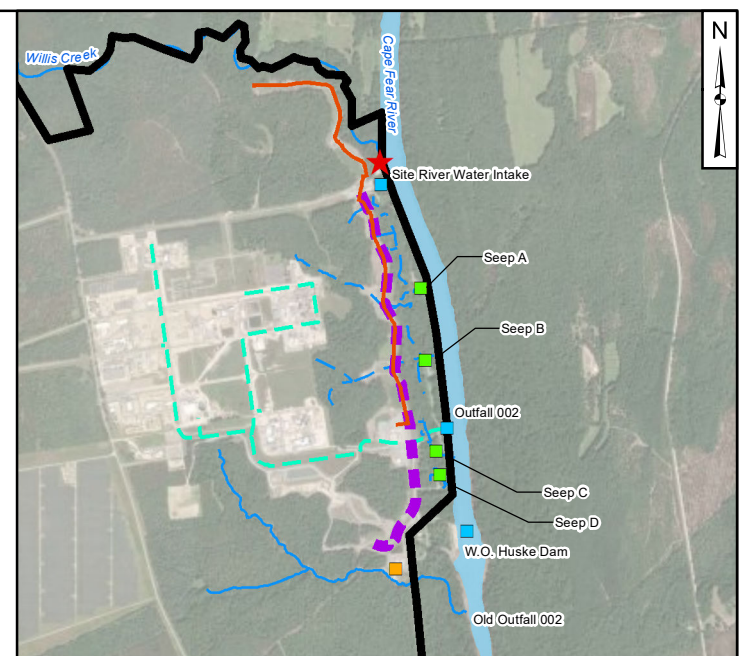
Table 3+ Analytical Results



Groundwater Elevations



- Detect
- HFPO-DA
- PMPA
- GW Elevation
- Non-Detect
- PFMOAA
- Total Table 3+ (17)
- Barrier Wall Installation



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

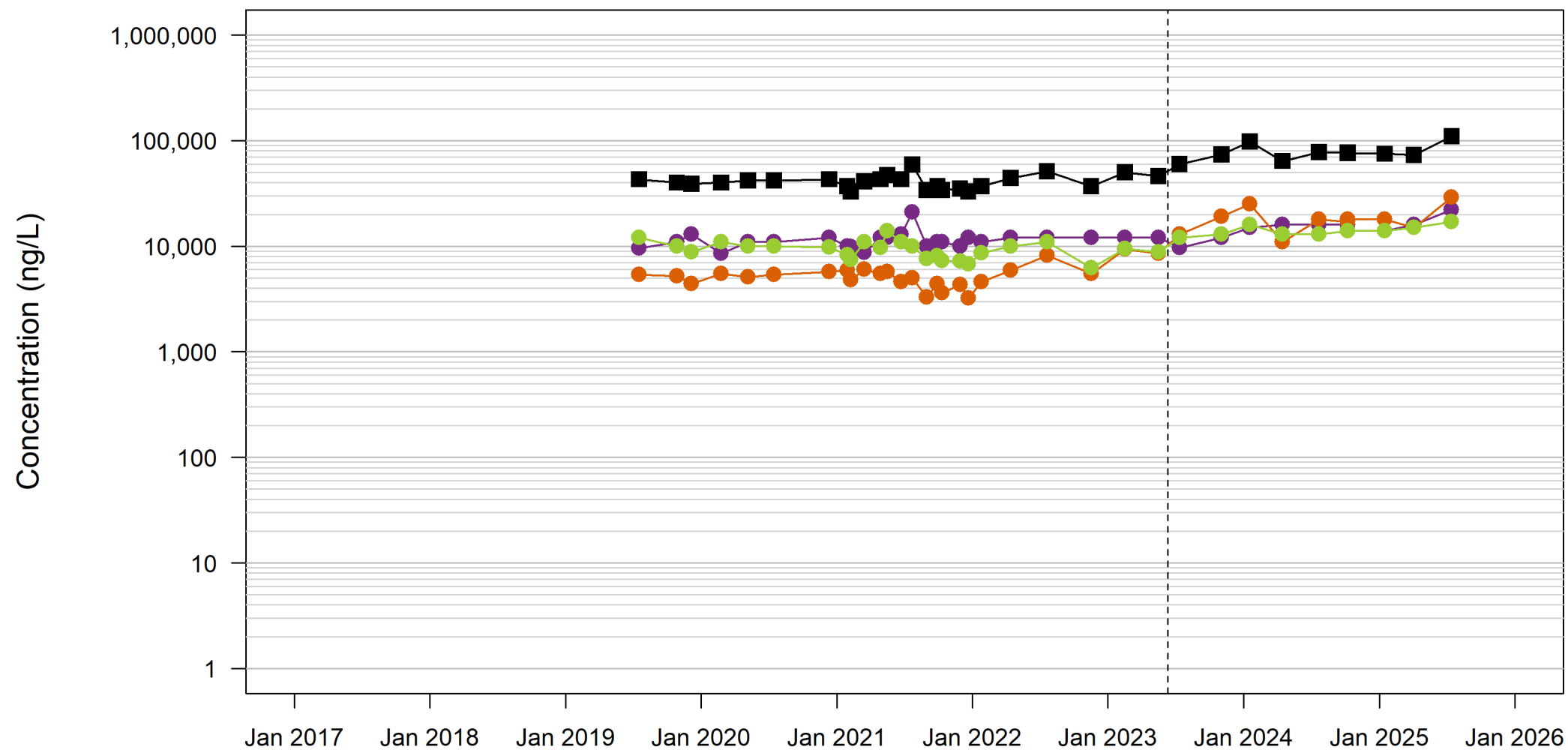


Time Trends at PIW-1D (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

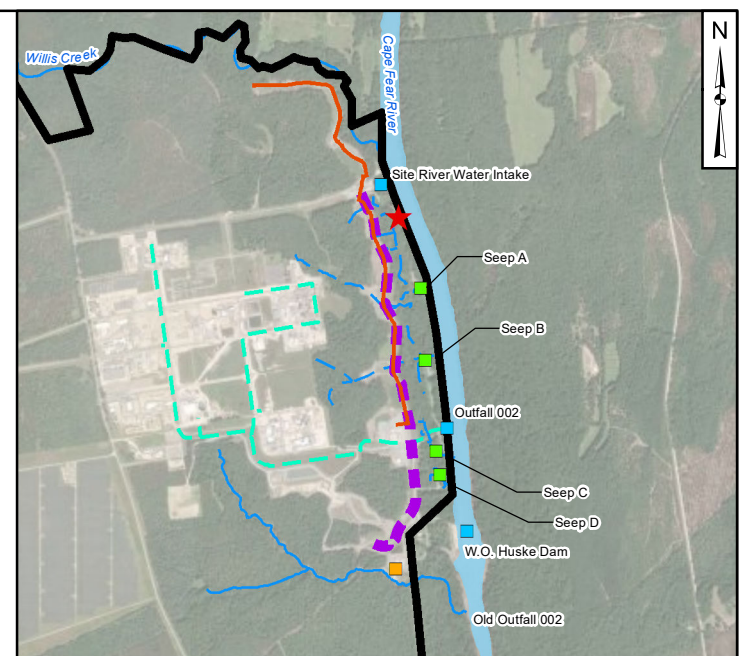
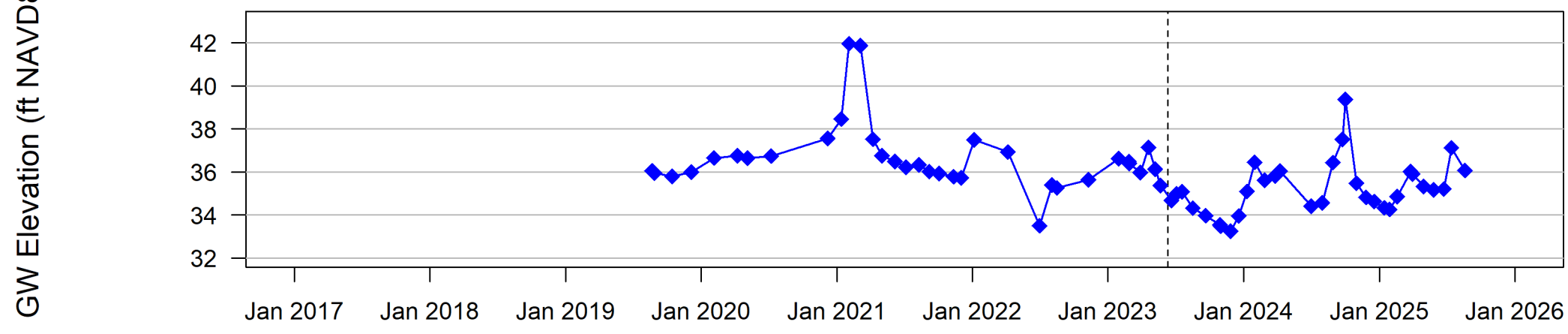
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.8
Raleigh	December 2025	

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Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-3D (Black Creek Aquifer)
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Raleigh | December 2025

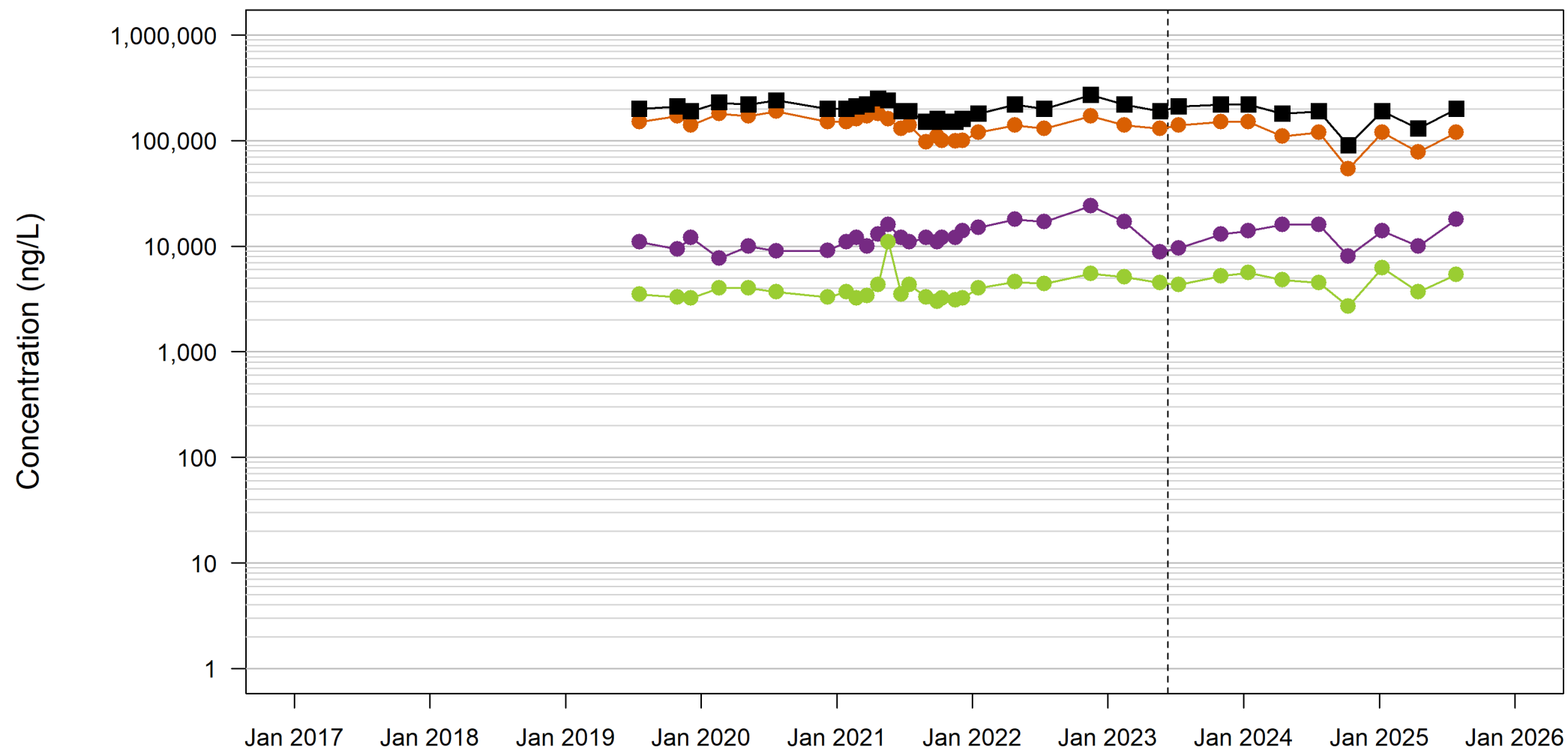
Figure C.10

- Detect
- HFPO-DA
- PMPA
- GW Elevation
- Non-Detect
- PFMOAA
- Total Table 3+ (17)
- Barrier Wall Installation

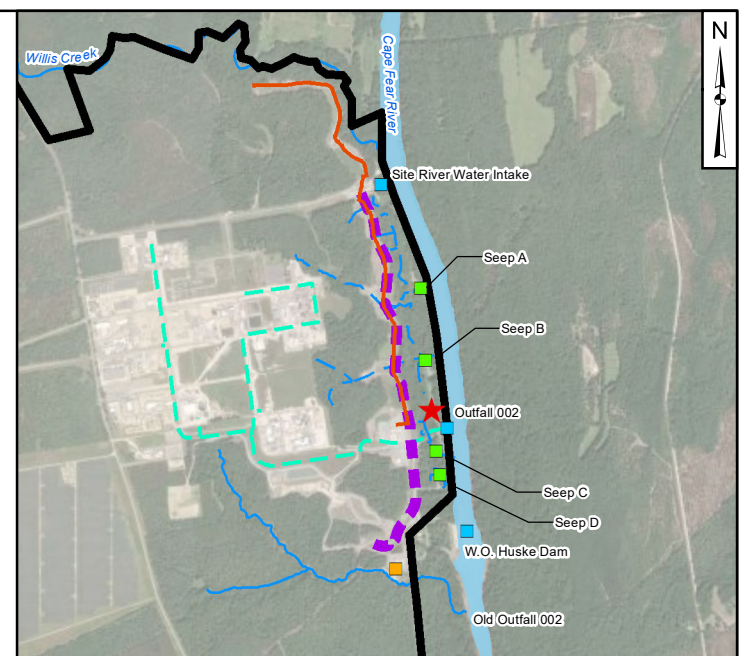
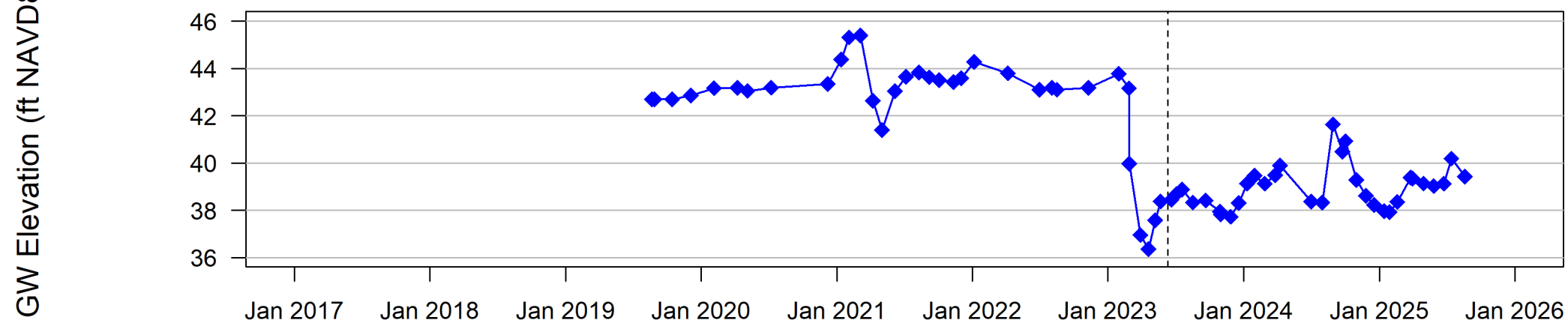
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-7D (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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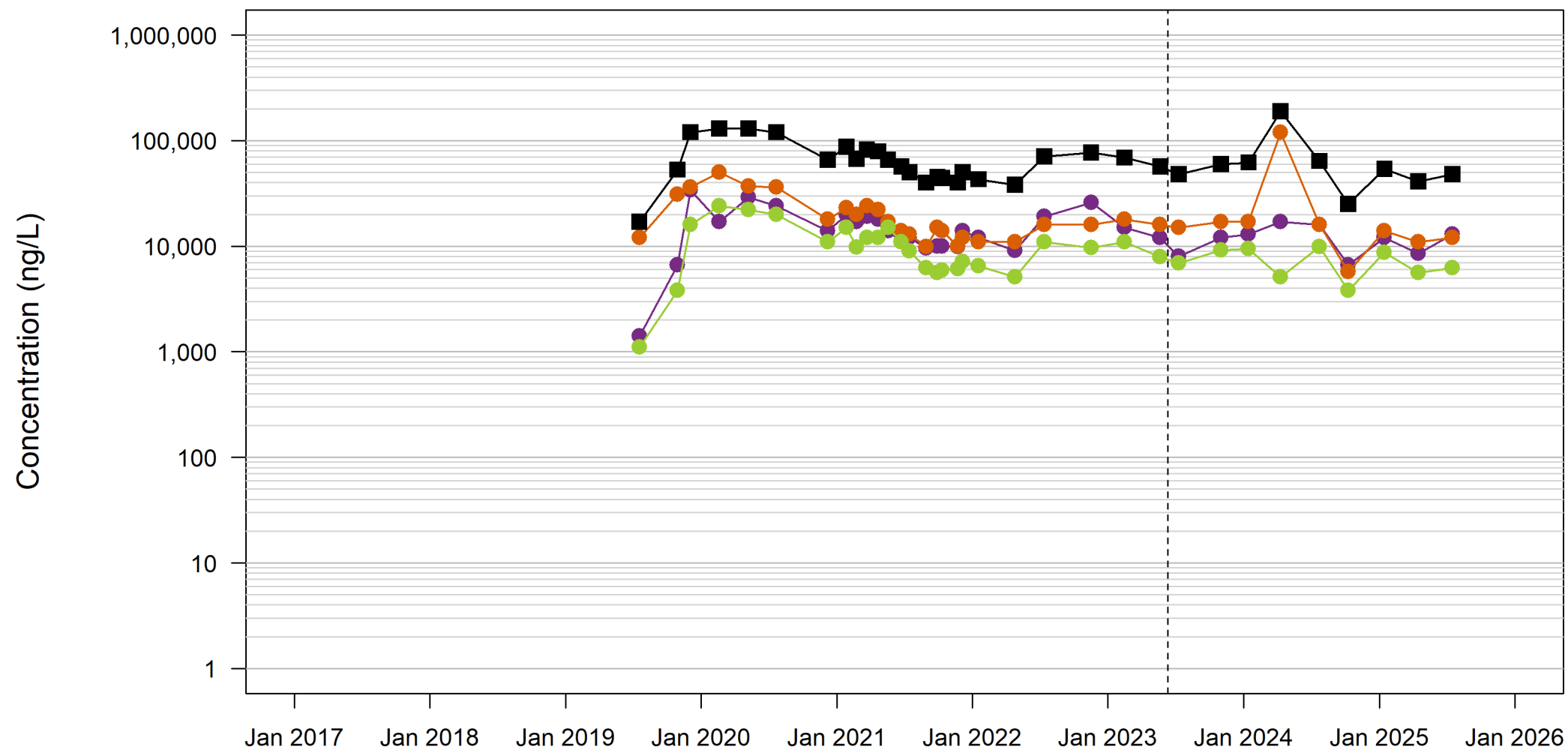
Raleigh | December 2025

Figure C.11

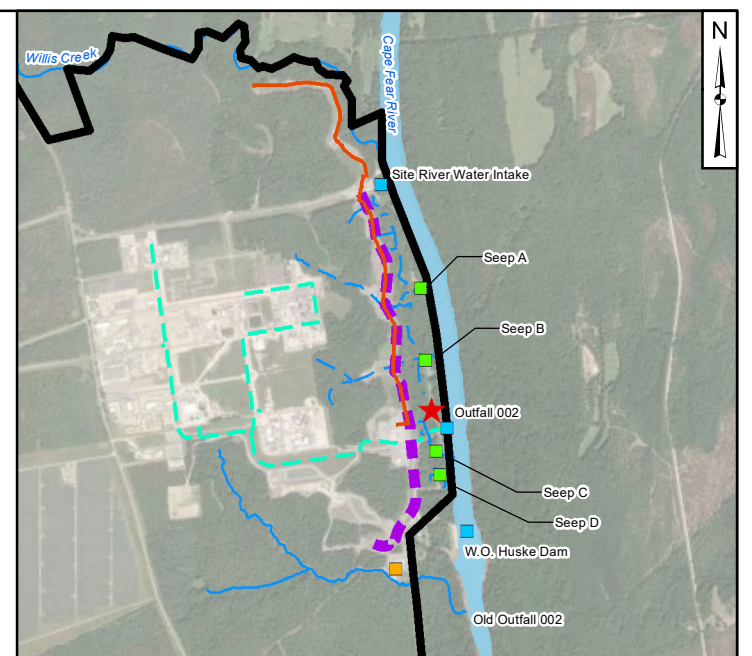
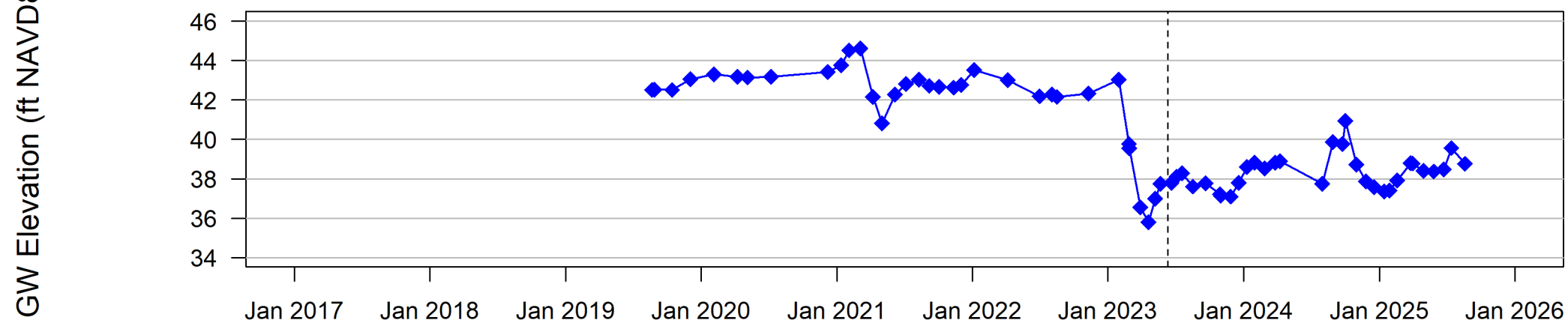
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
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 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-7S (Floodplain Deposits)
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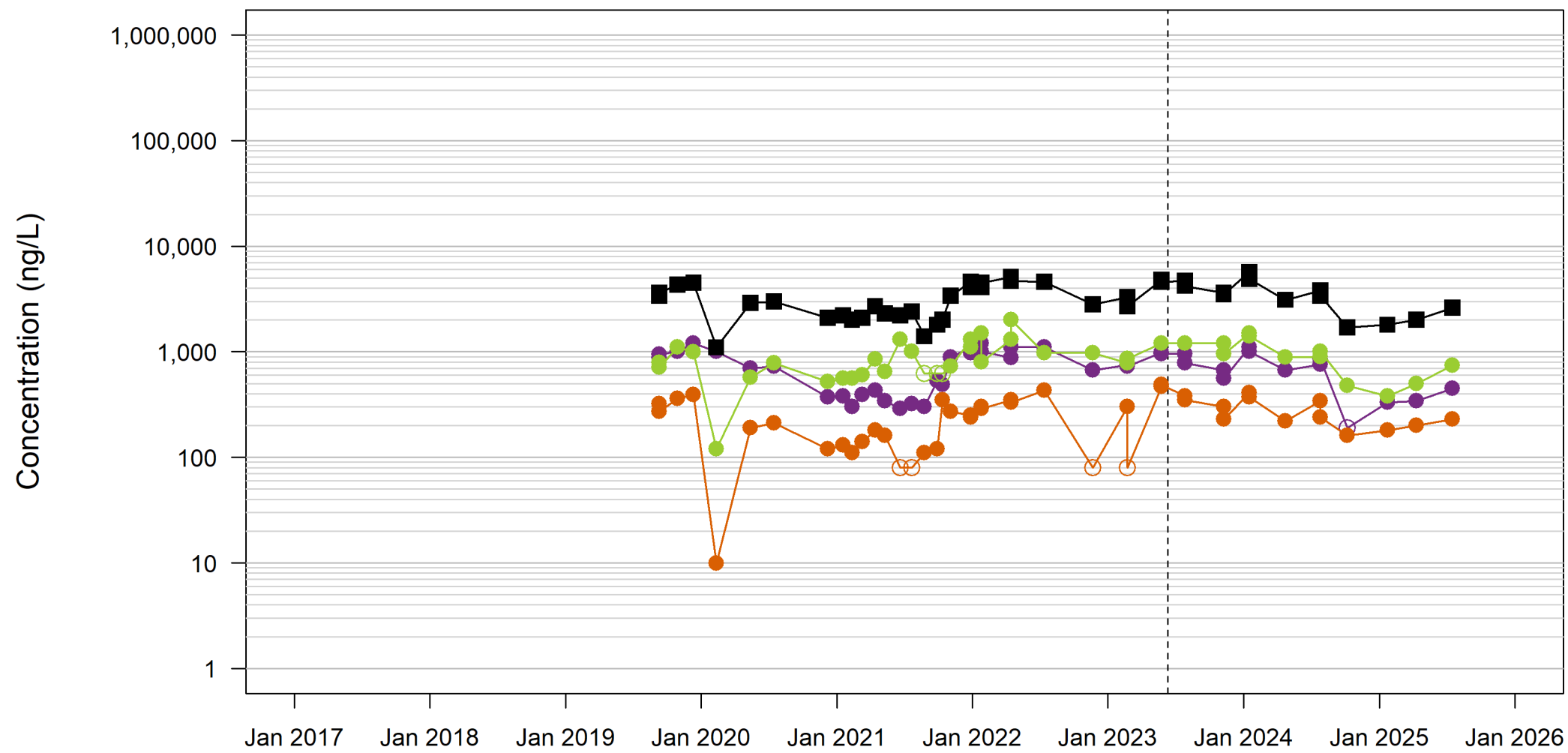
Raleigh | December 2025

Figure C.12

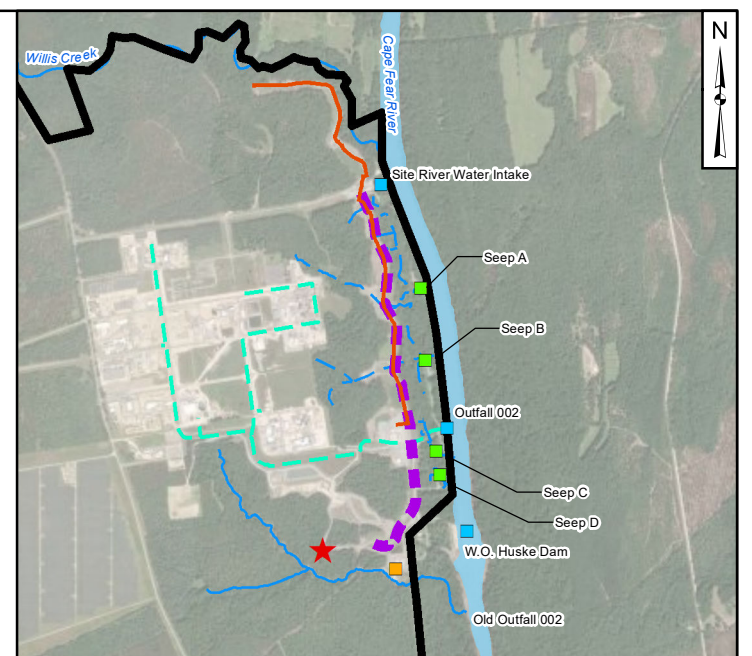
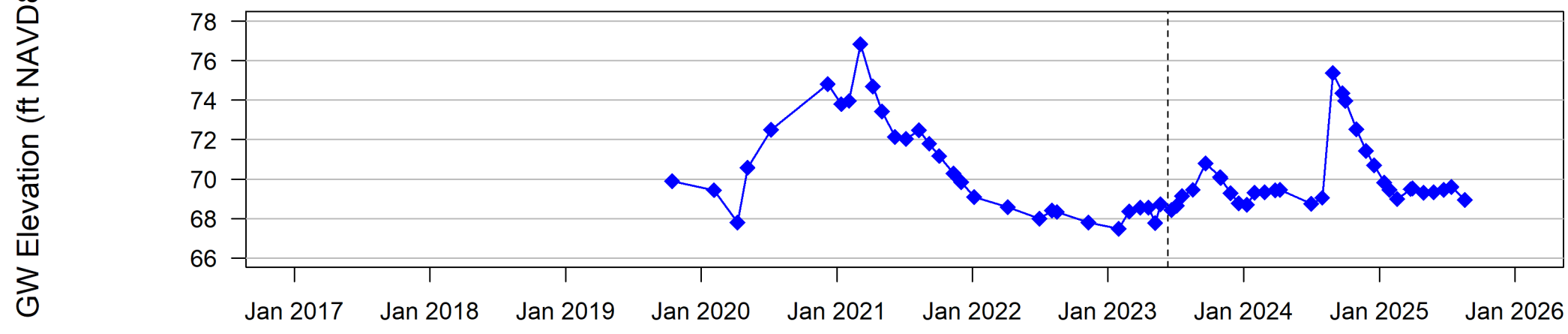
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
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 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PW-04 (Surficial Aquifer)
 Chemours Fayetteville Works, North Carolina

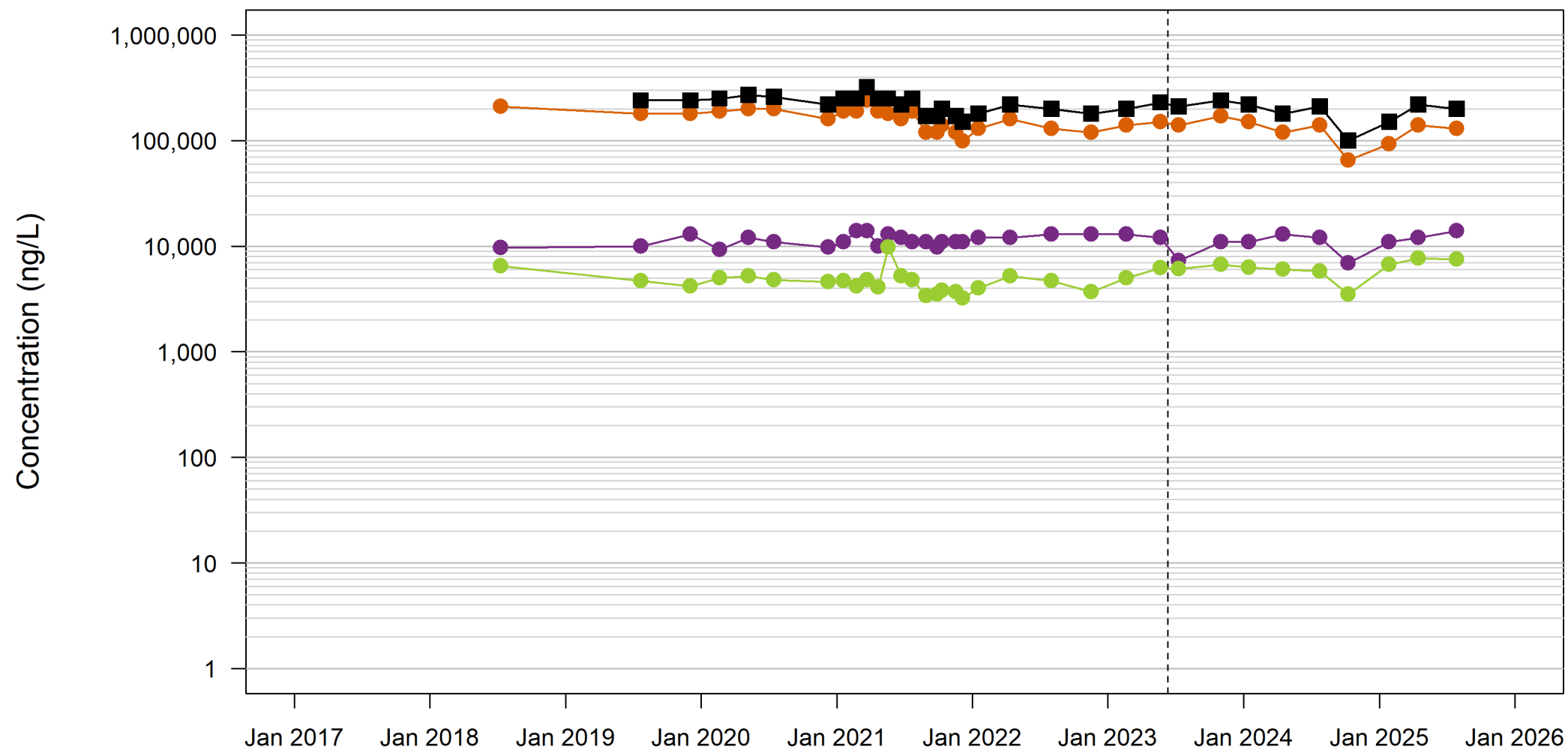
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.13
	Raleigh	

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

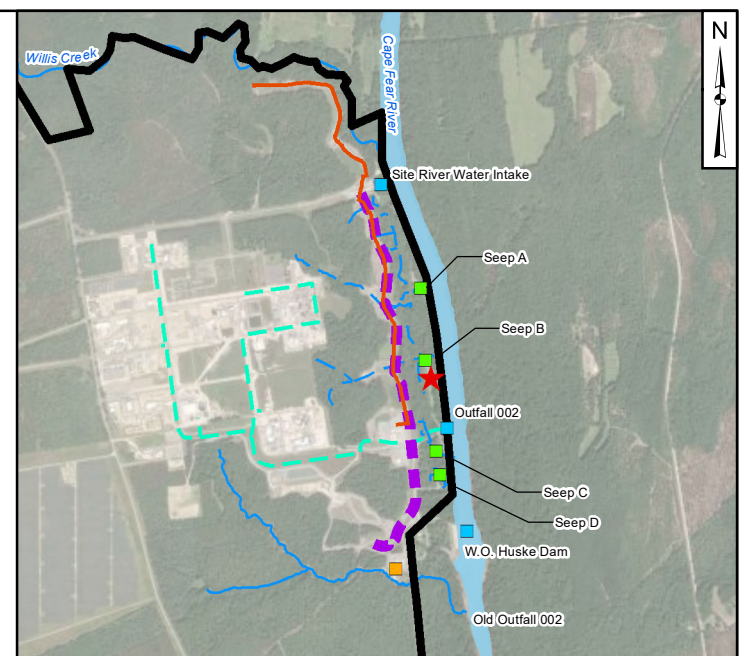
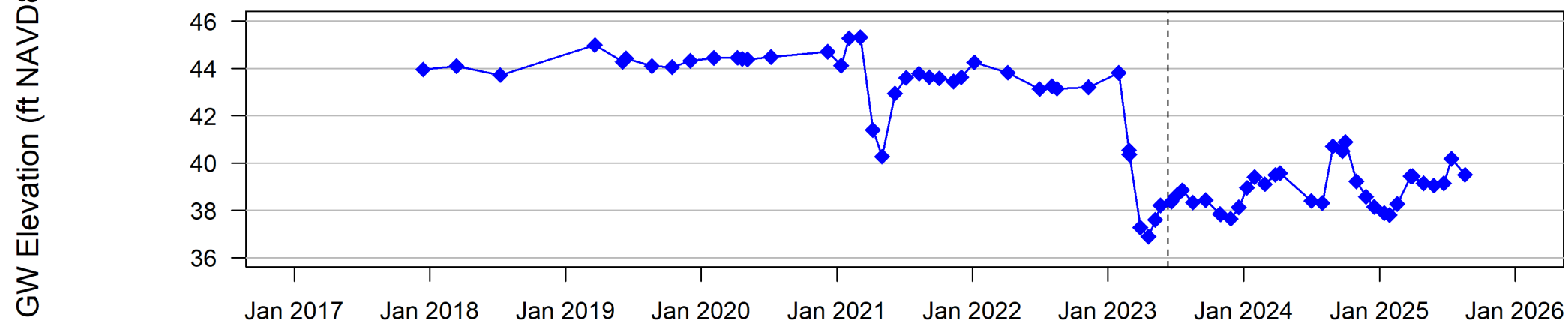
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PZ-22 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

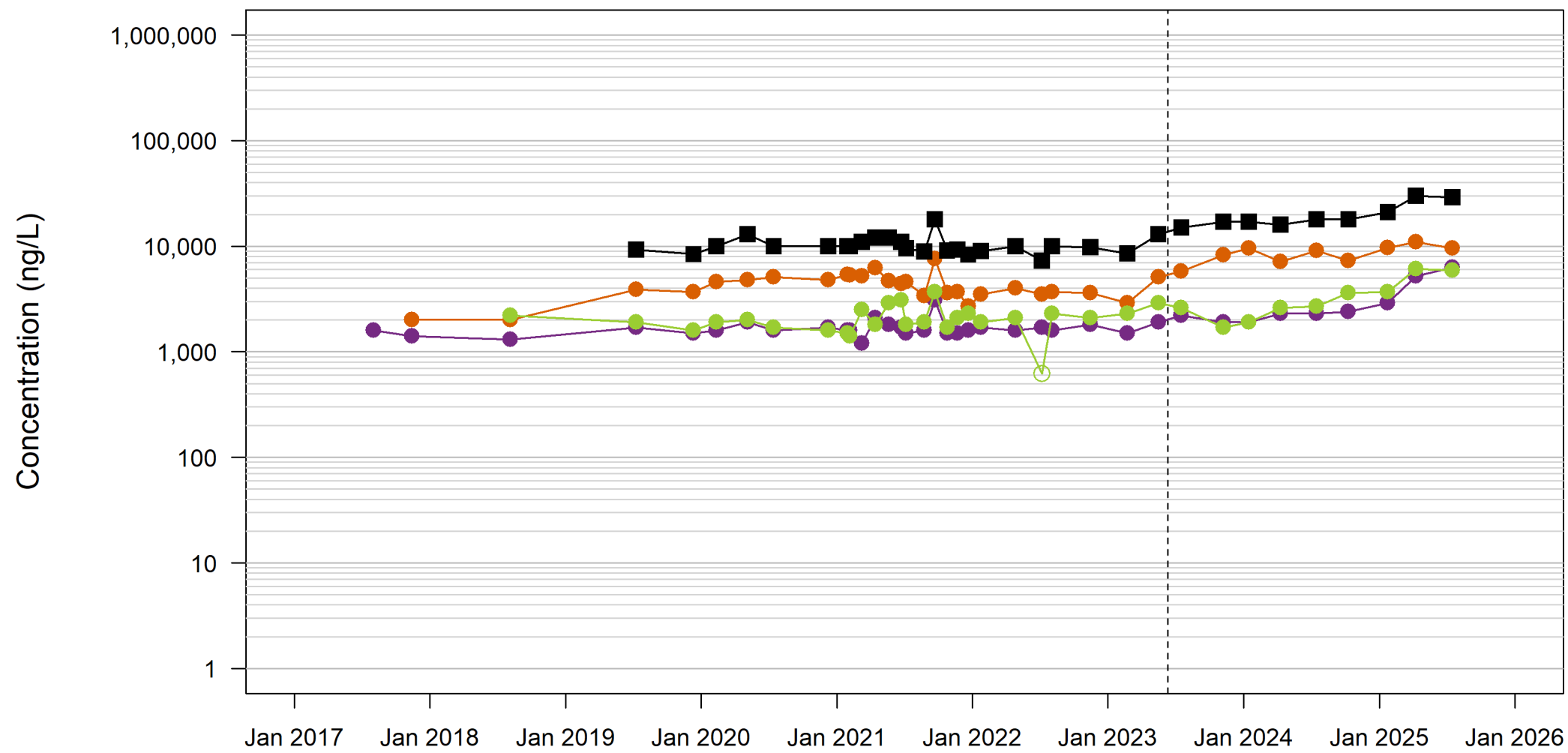
Geosyntec consultants
 Geosyntec Consultants of NC, P.C.
 NC License No.: C 3500 and C 295

Raleigh | December 2025

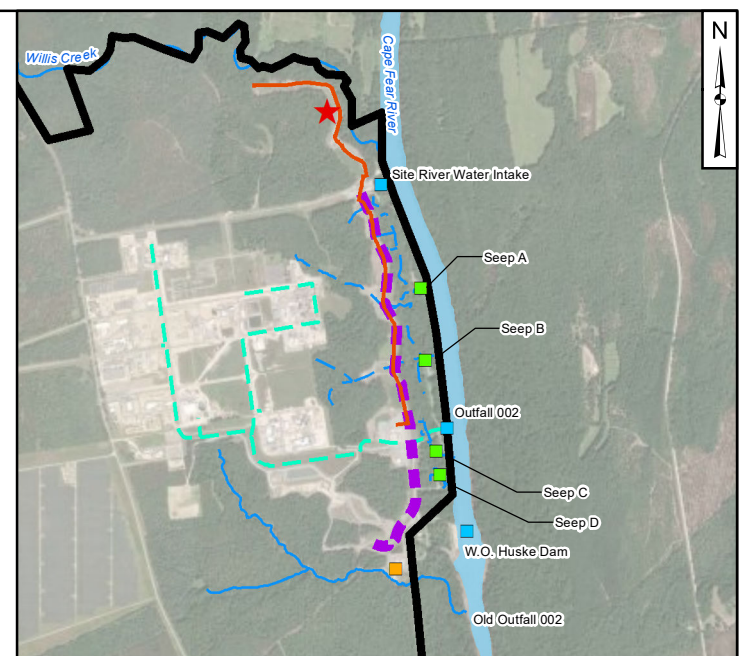
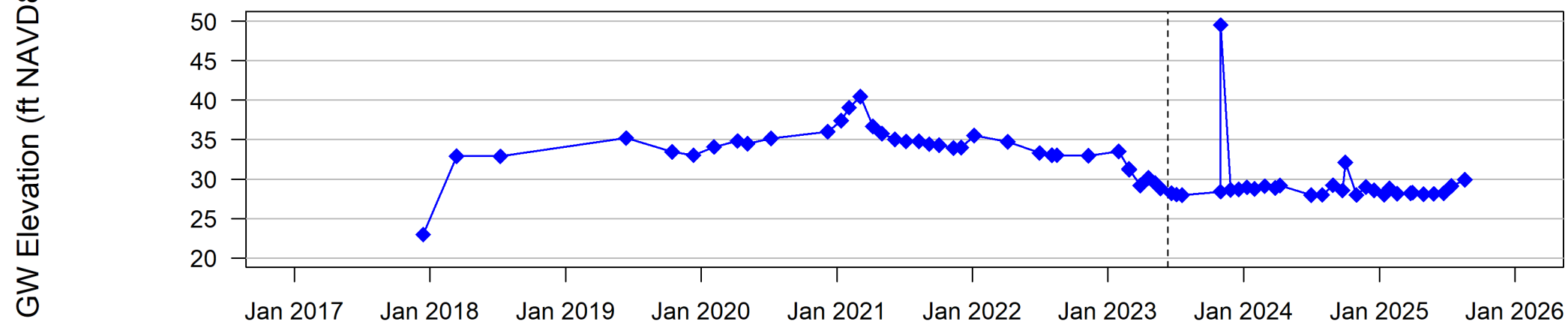
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 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



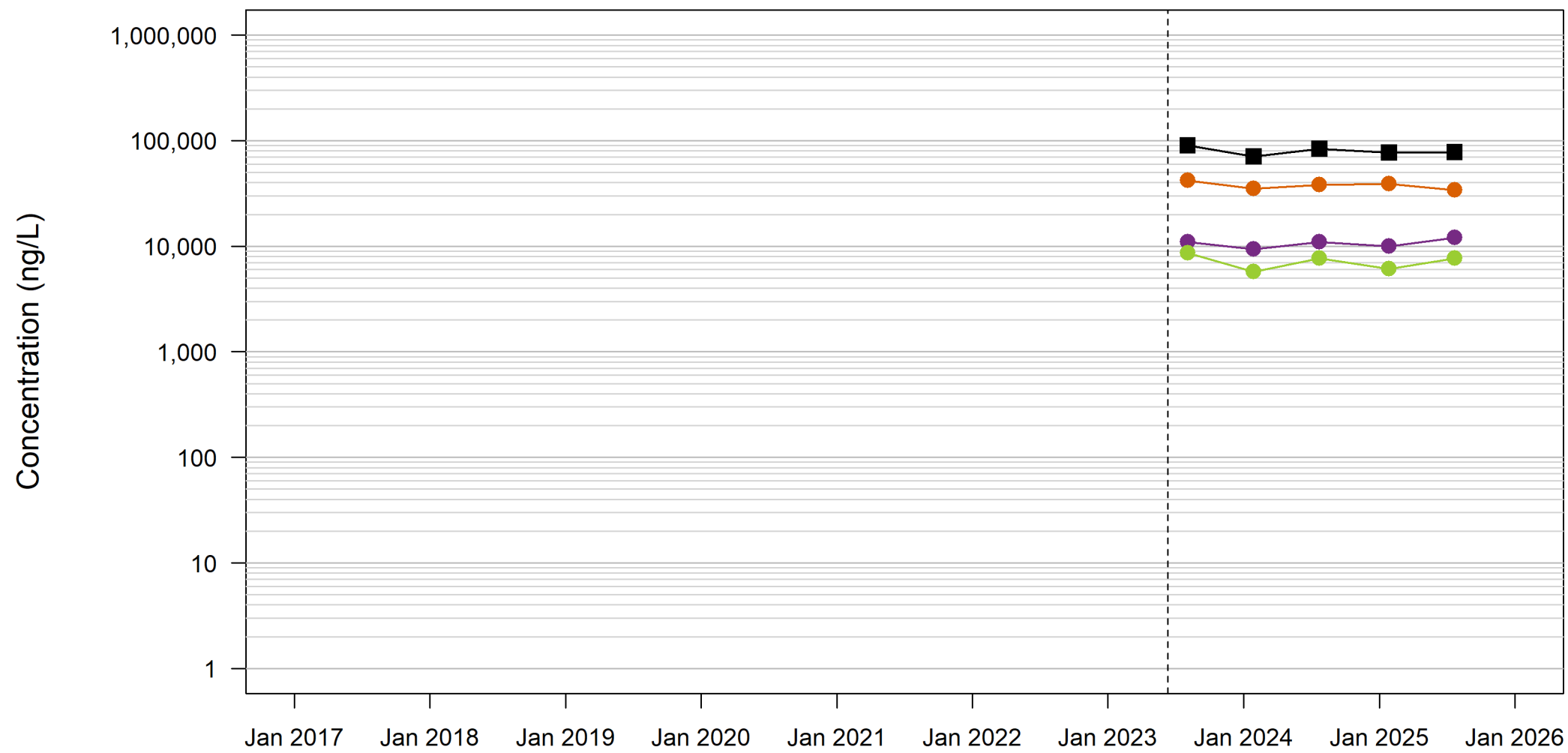
Time Trends at SMW-12 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.15
	Raleigh	

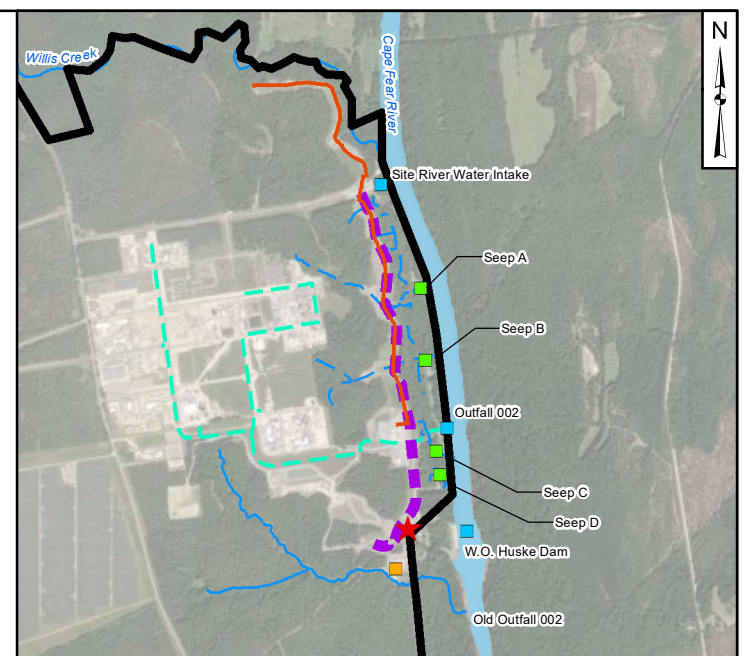
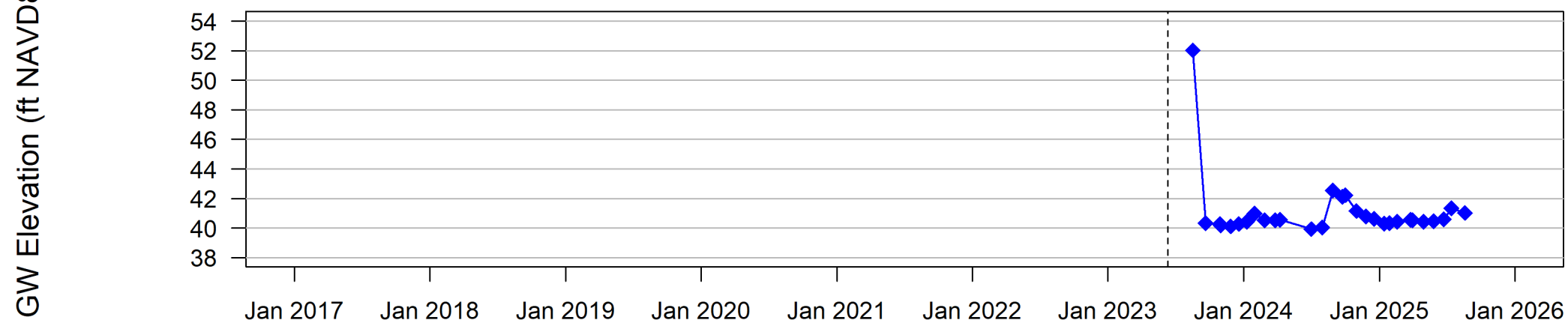
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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Table 3+ Analytical Results



Groundwater Elevations

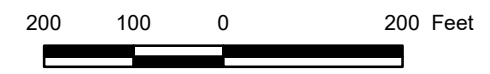


Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
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 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-4R (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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Raleigh | December 2025

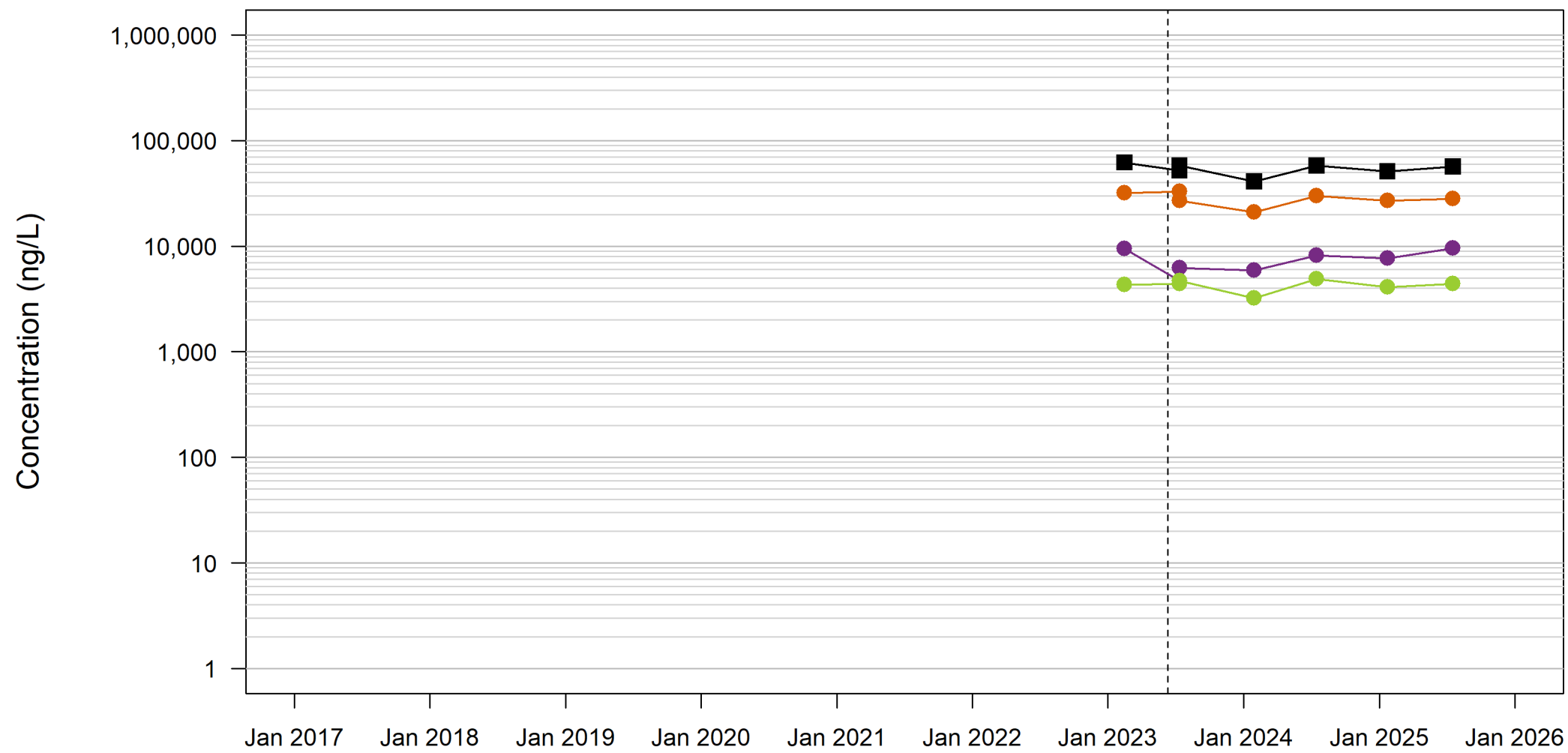
Figure C.16

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- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

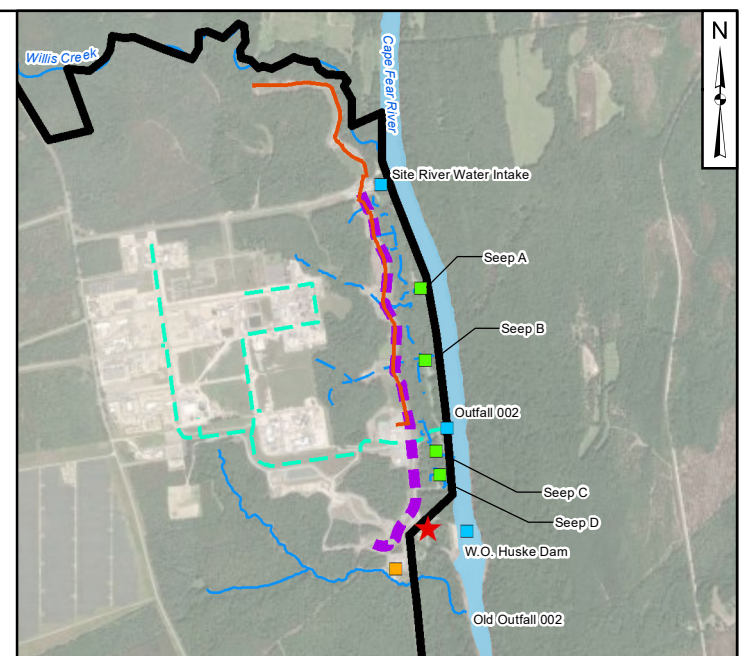
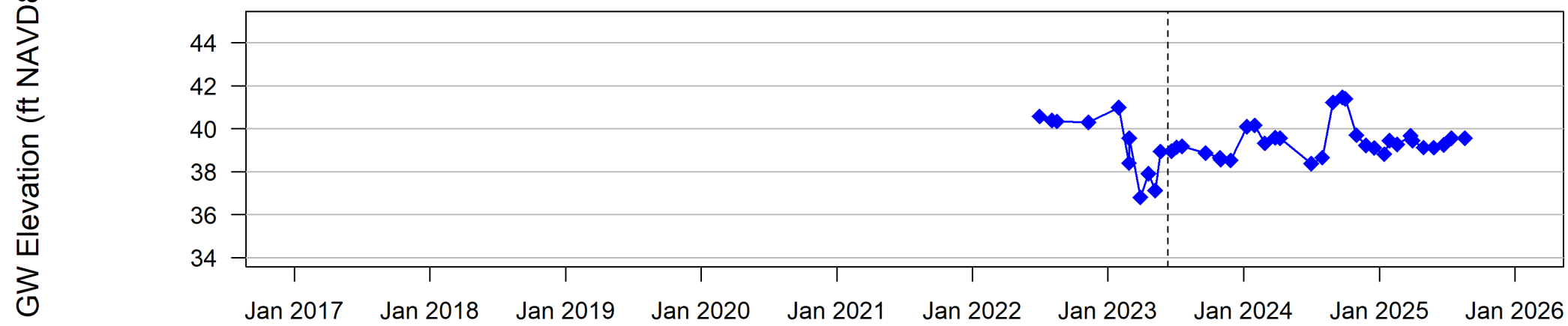
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - - - Observed Seep (Natural Drainage)
 - - - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

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- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



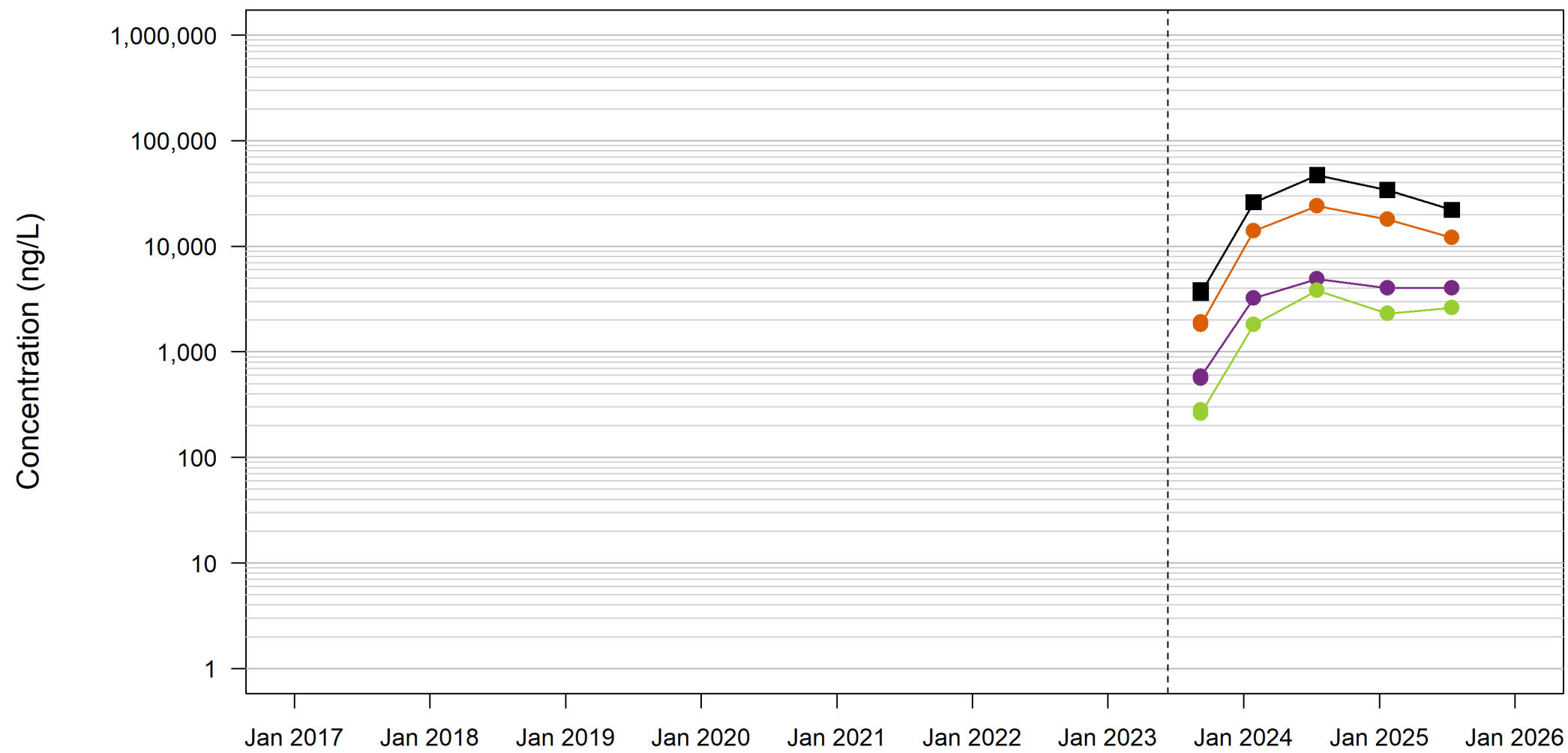
Time Trends at OW-30 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.17
	Raleigh	

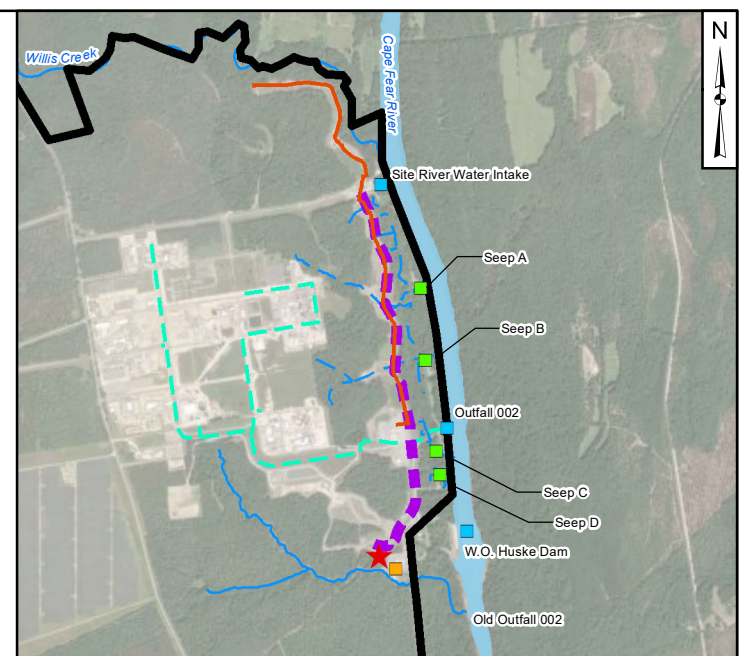
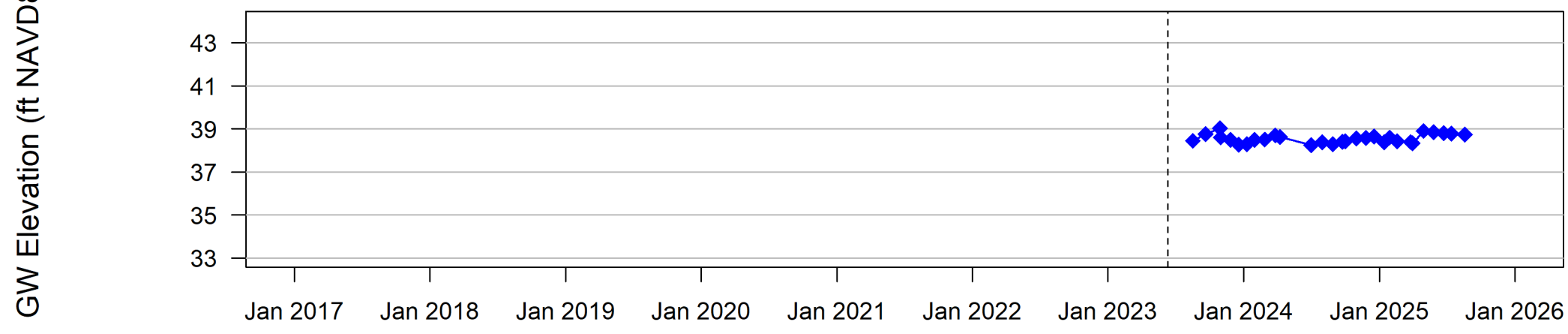
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- - - Barrier Wall Installation

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Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-32 (Black Creek Aquifer)
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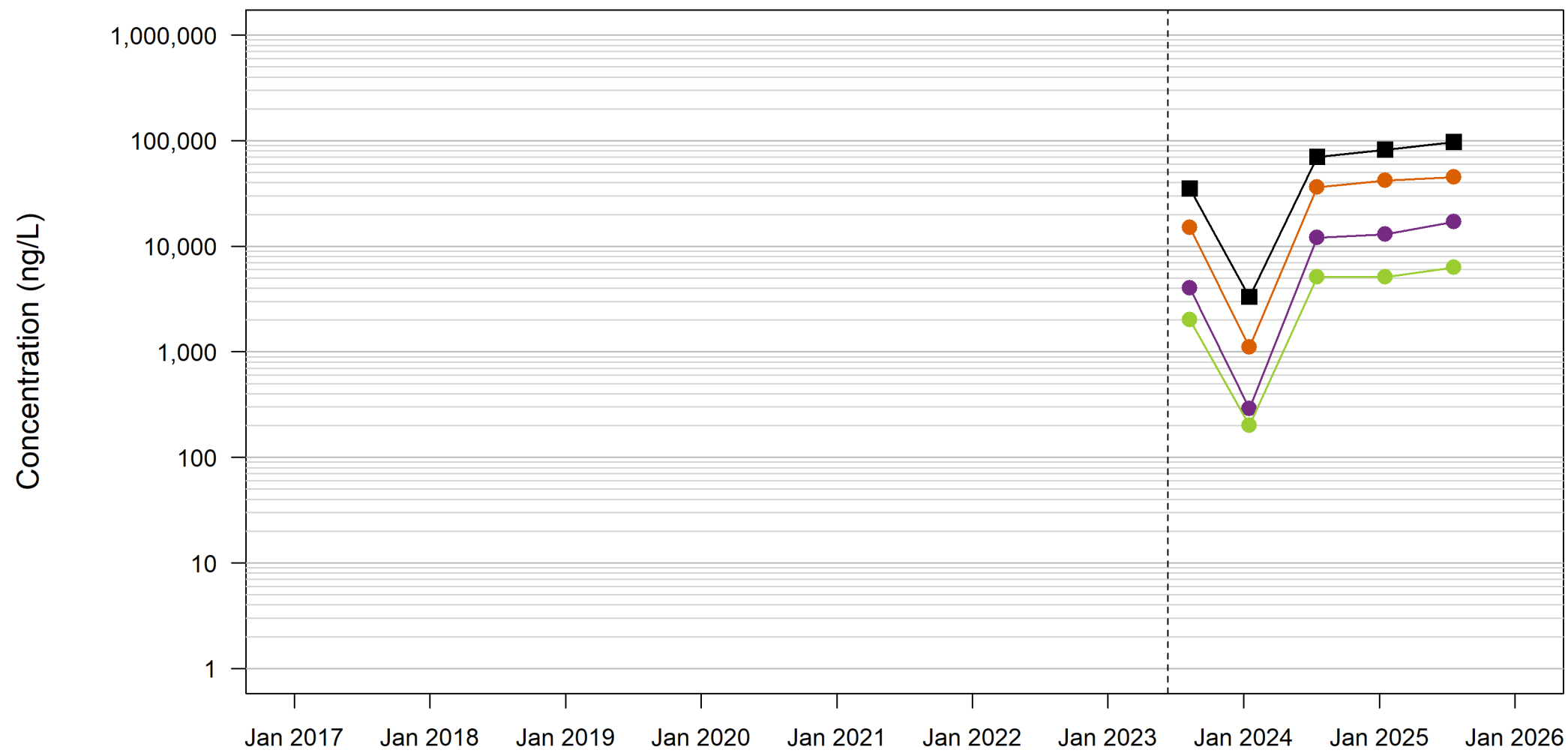
Figure C.18

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- Barrier Wall Installation
- GW Elevation

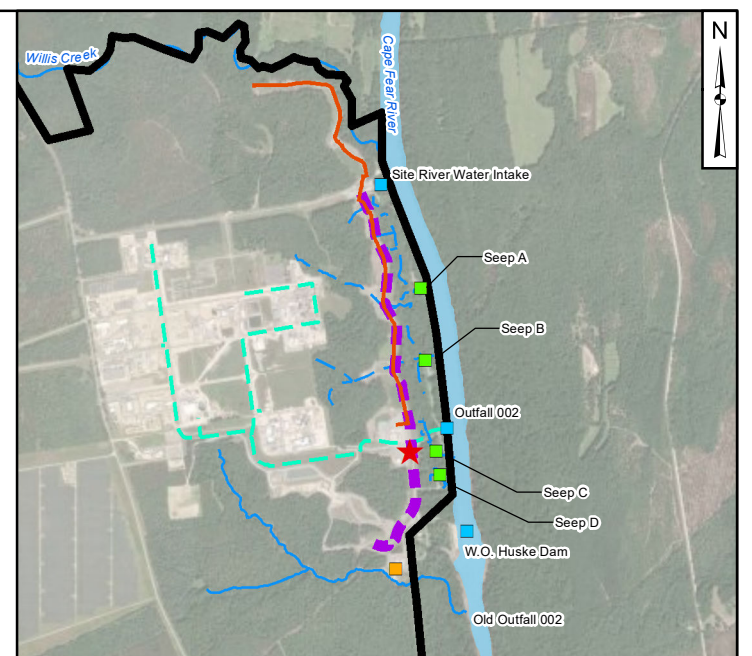
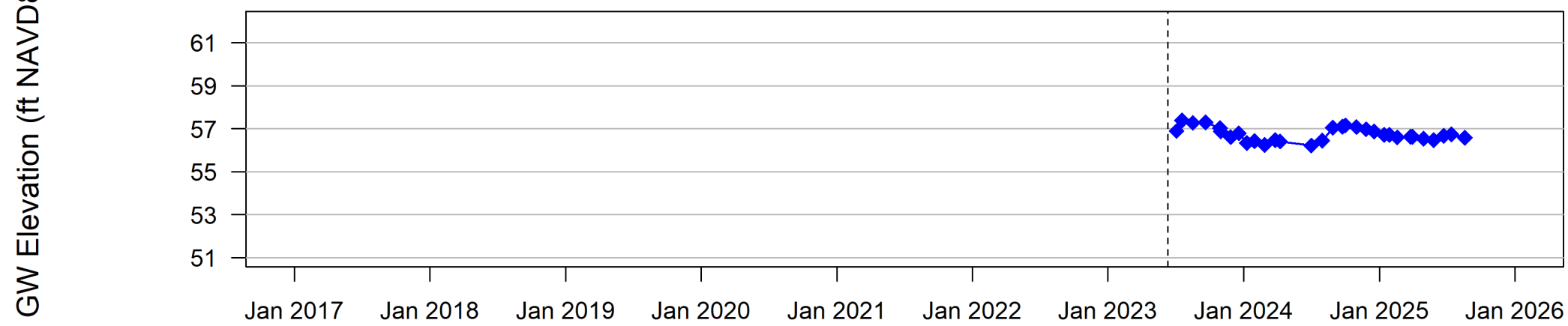
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- - - Observed Seep (Natural Drainage)
- - - Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-37 (Surficial Aquifer)
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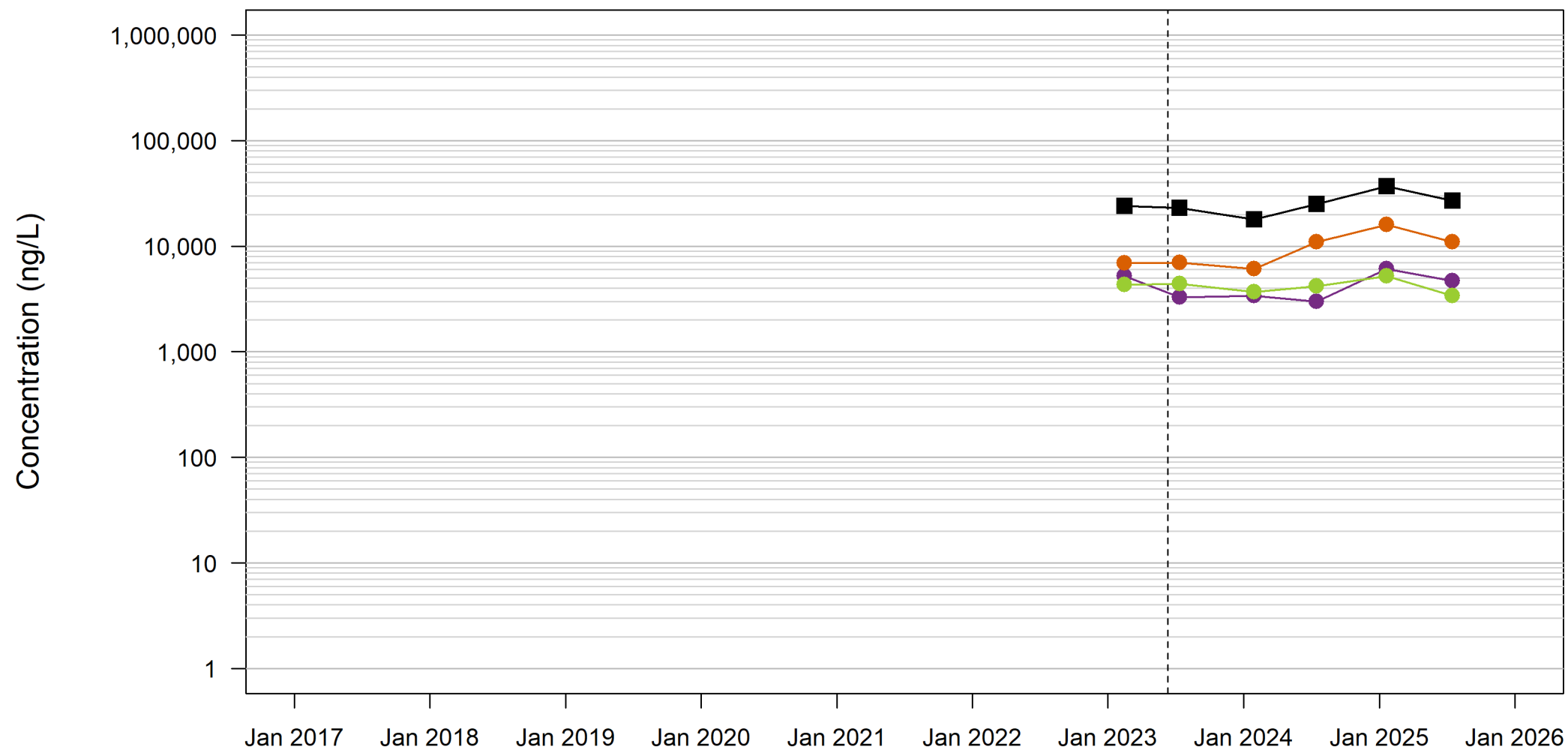
Figure C.19

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- - - Barrier Wall Installation

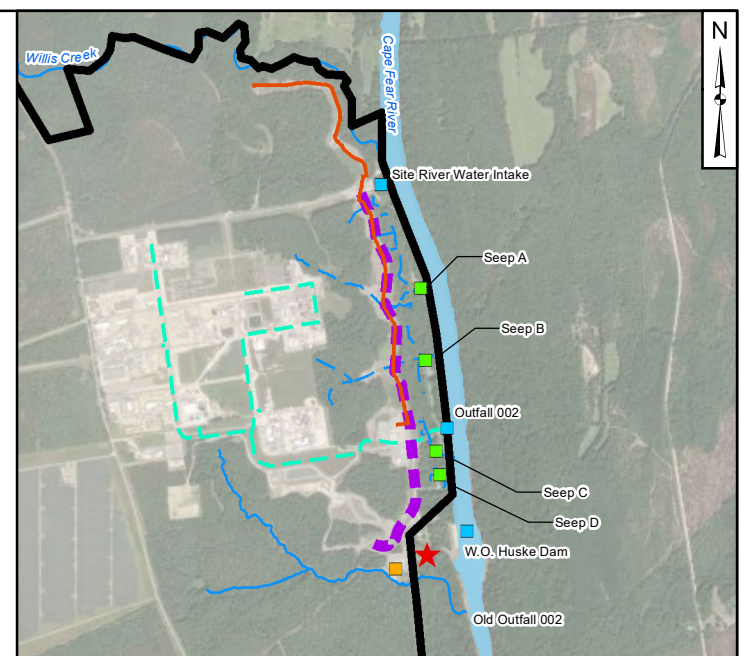
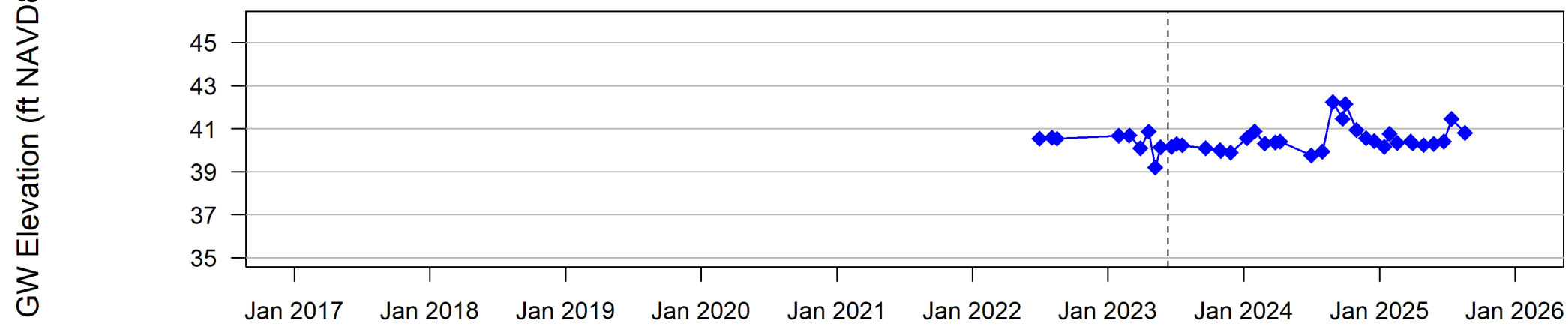
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



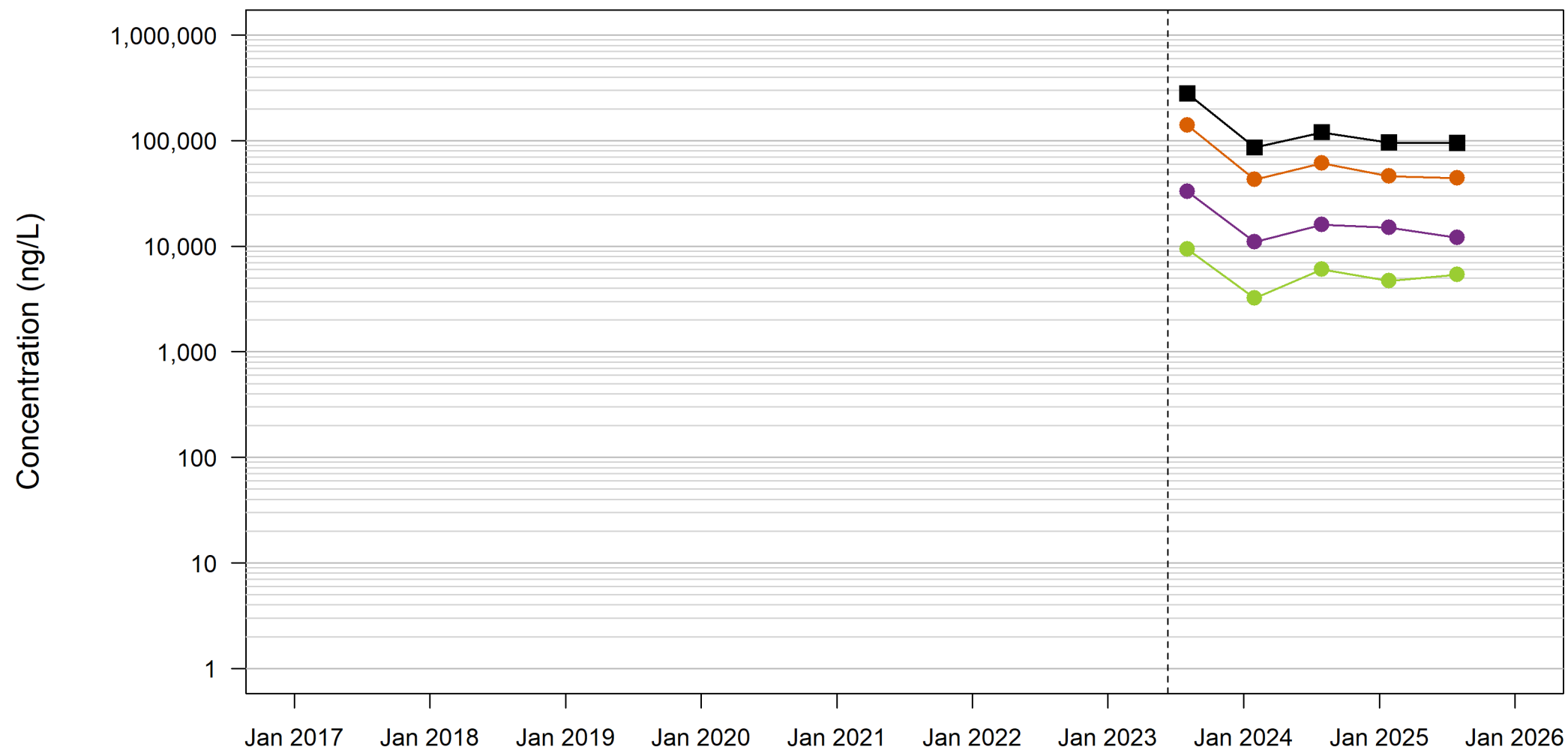
Time Trends at OW-40 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.20
	Raleigh	

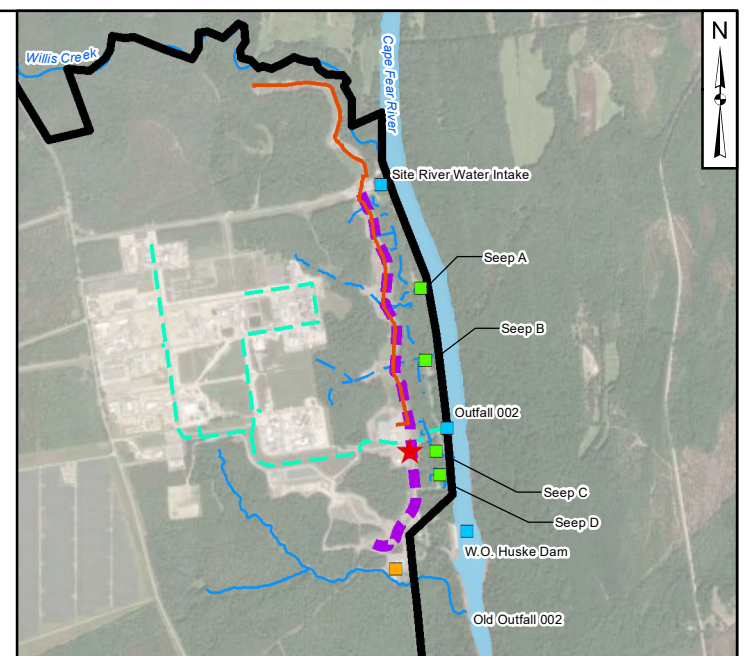
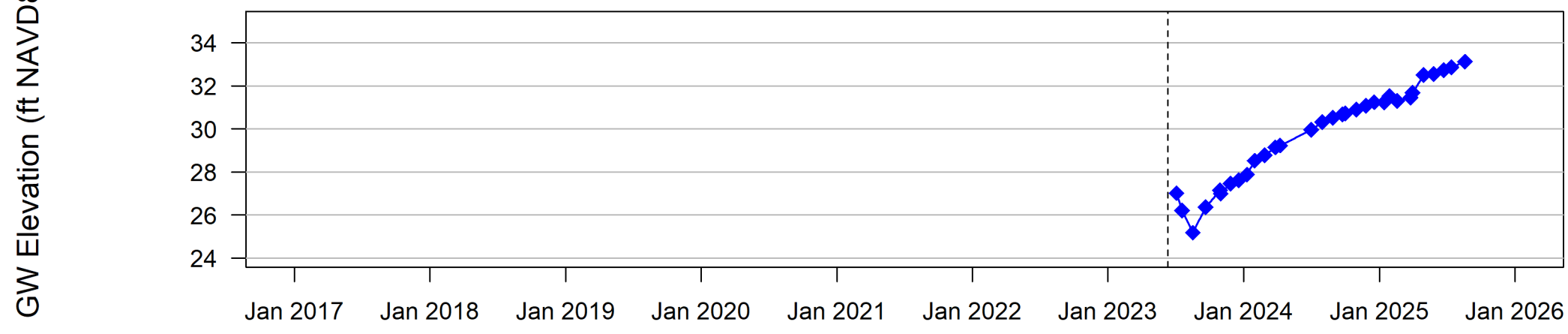
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-51 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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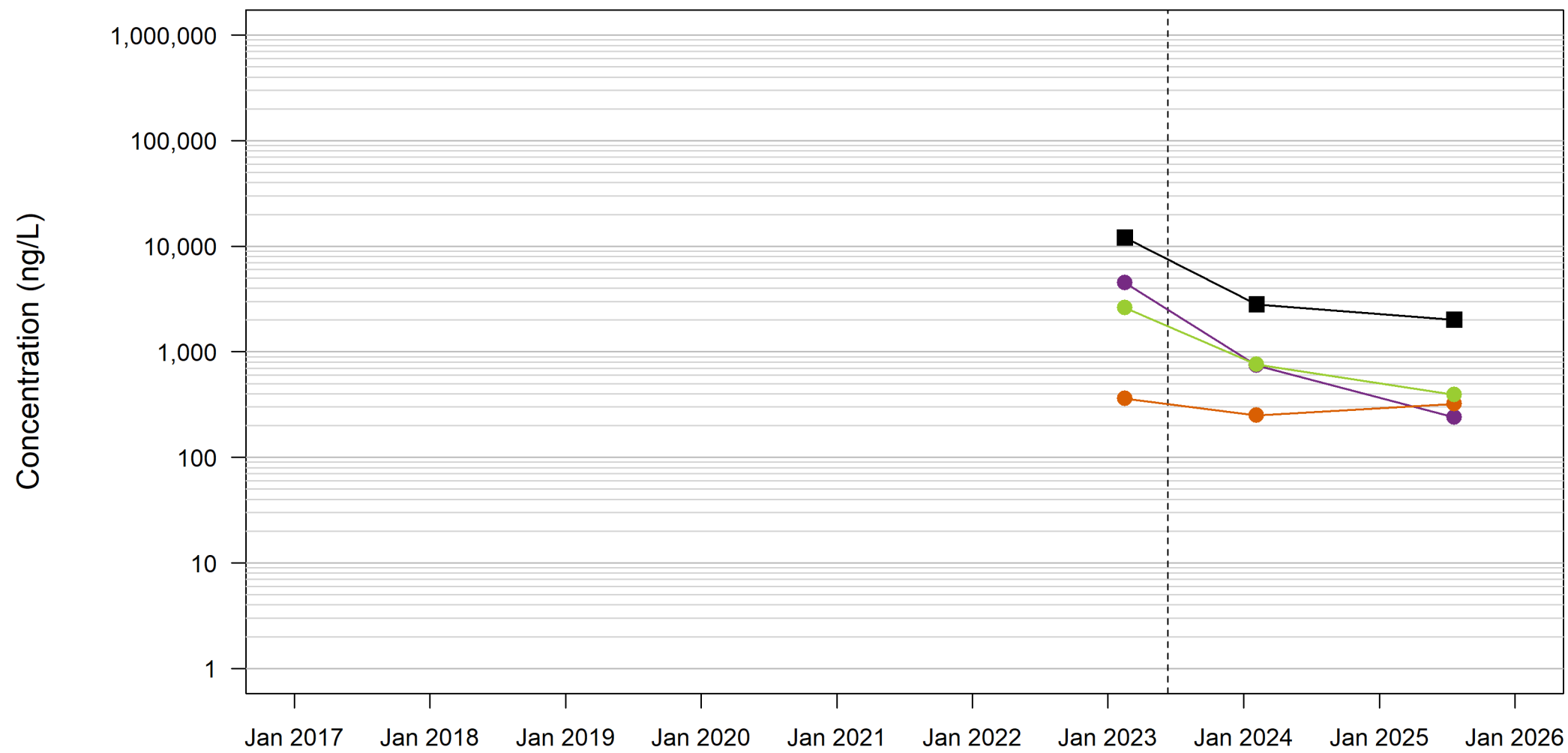
Raleigh | December 2025

Figure C.21

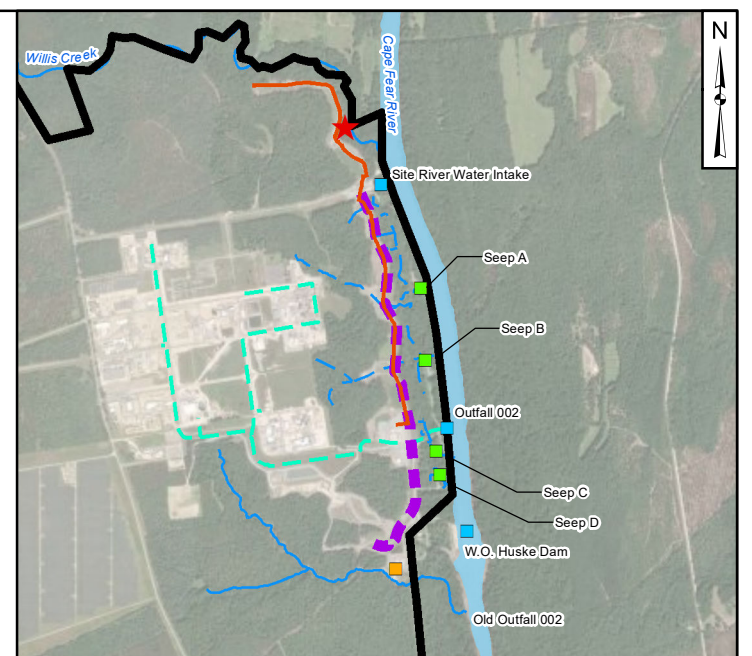
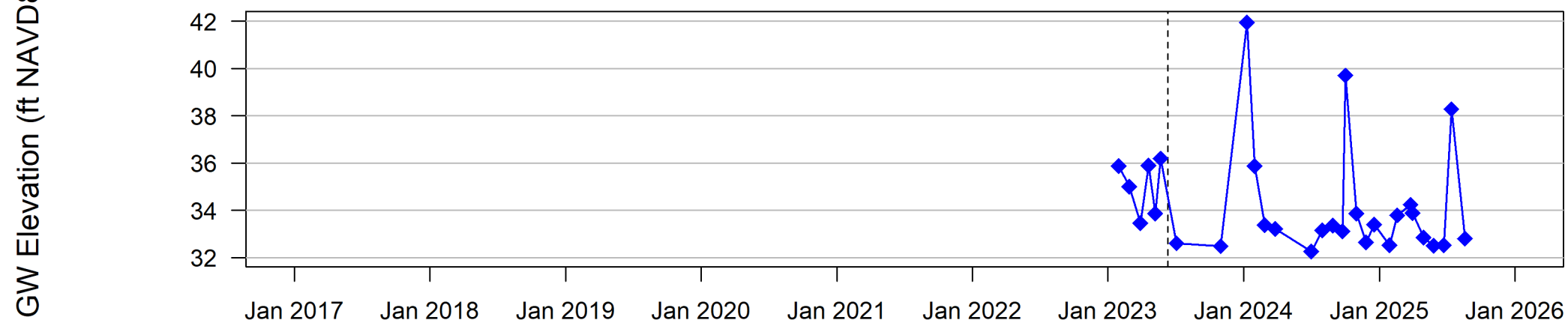
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations

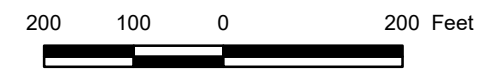


Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. This well is frequently dry, resulting in limited water level and chemistry data. Time trend plots may appear sparse or incomplete.
2. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-54 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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 NC License No.: C 3500 and C 295

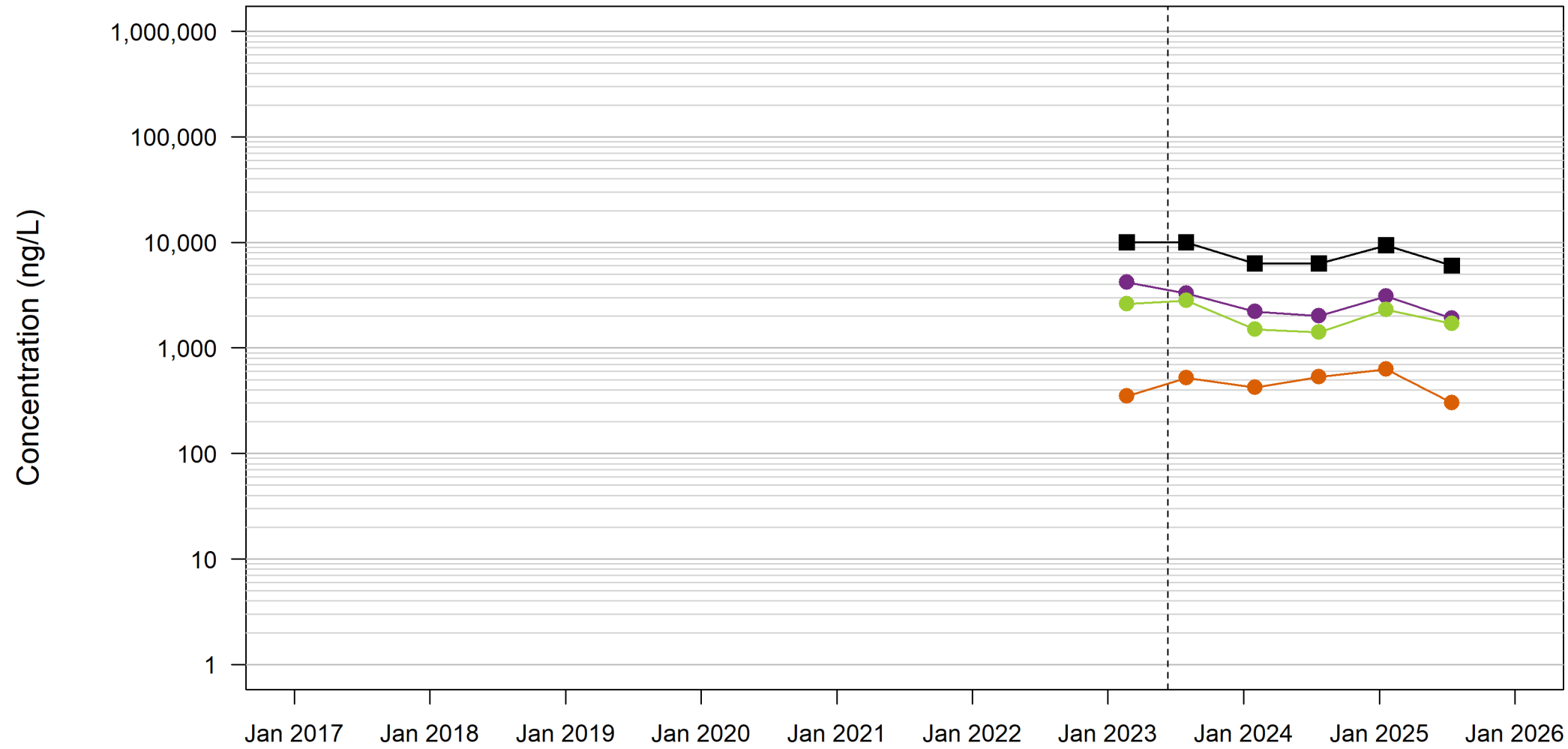
Raleigh | December 2025

Figure C.22

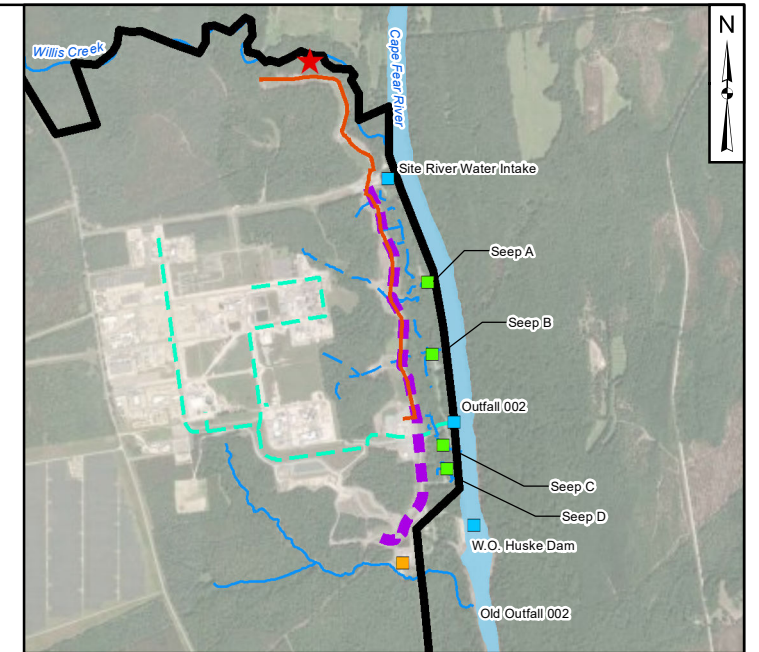
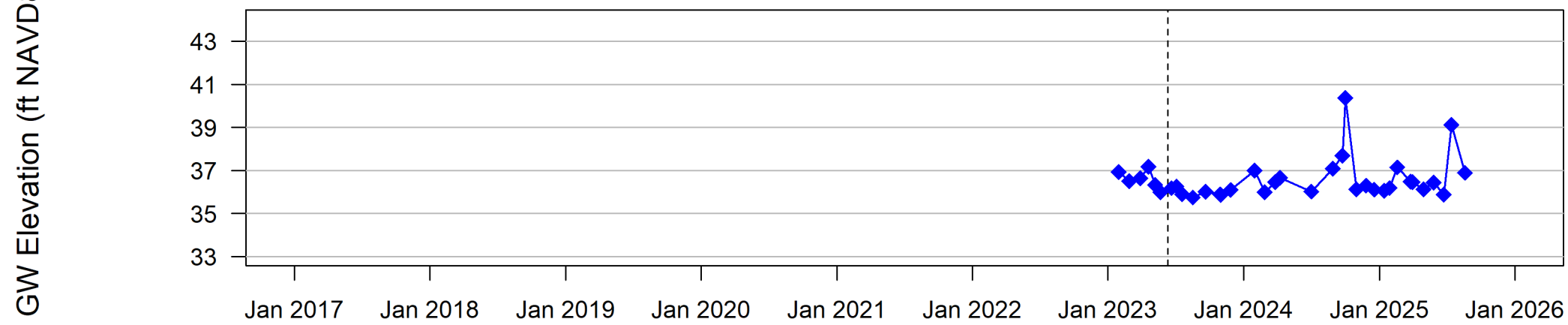
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- GW Elevation
- Barrier Wall Installation

Path: \\G:\ghg\1\Data\PR\Projects\1107195 Database and GIS\Output\Time Trends\1107195 - Time Trend\Onsite\Network\Figure_ForReporting_GWEC.mxd; Title: 12/12/2025
 Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

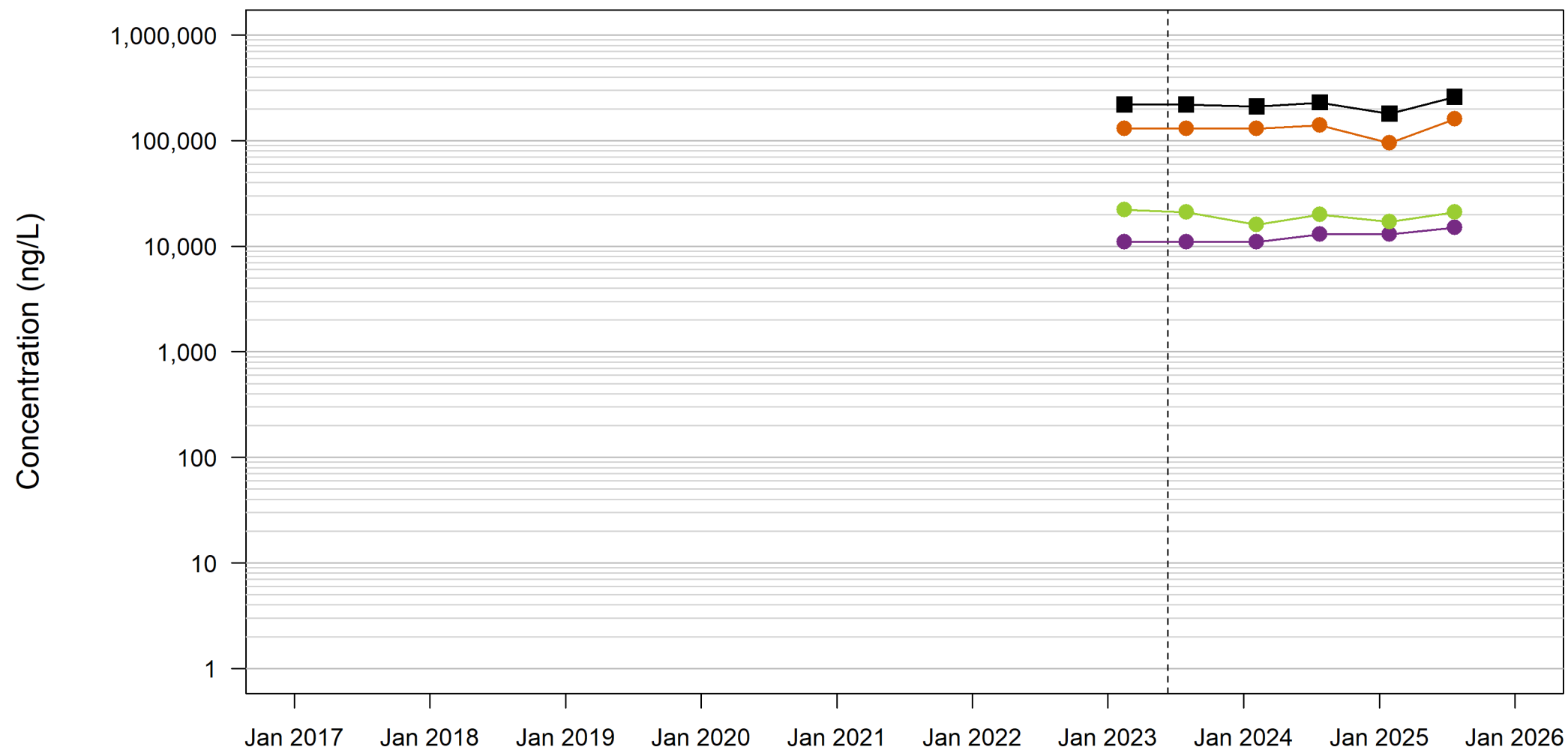
Time Trends at OW-56 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

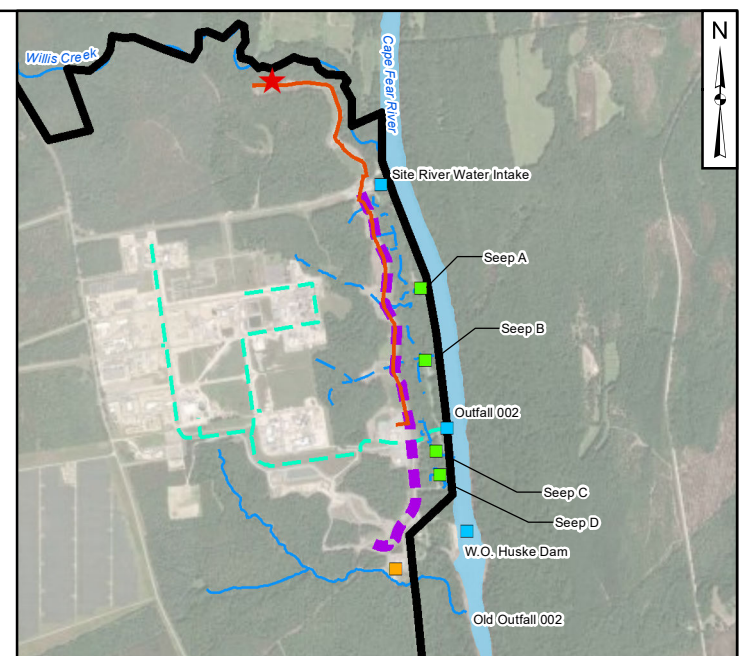
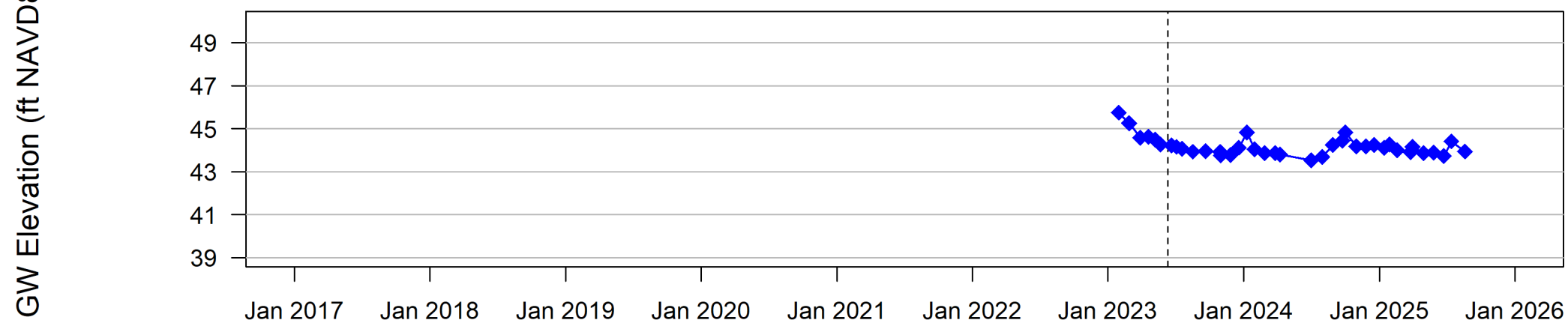
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.24

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at OW-57 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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

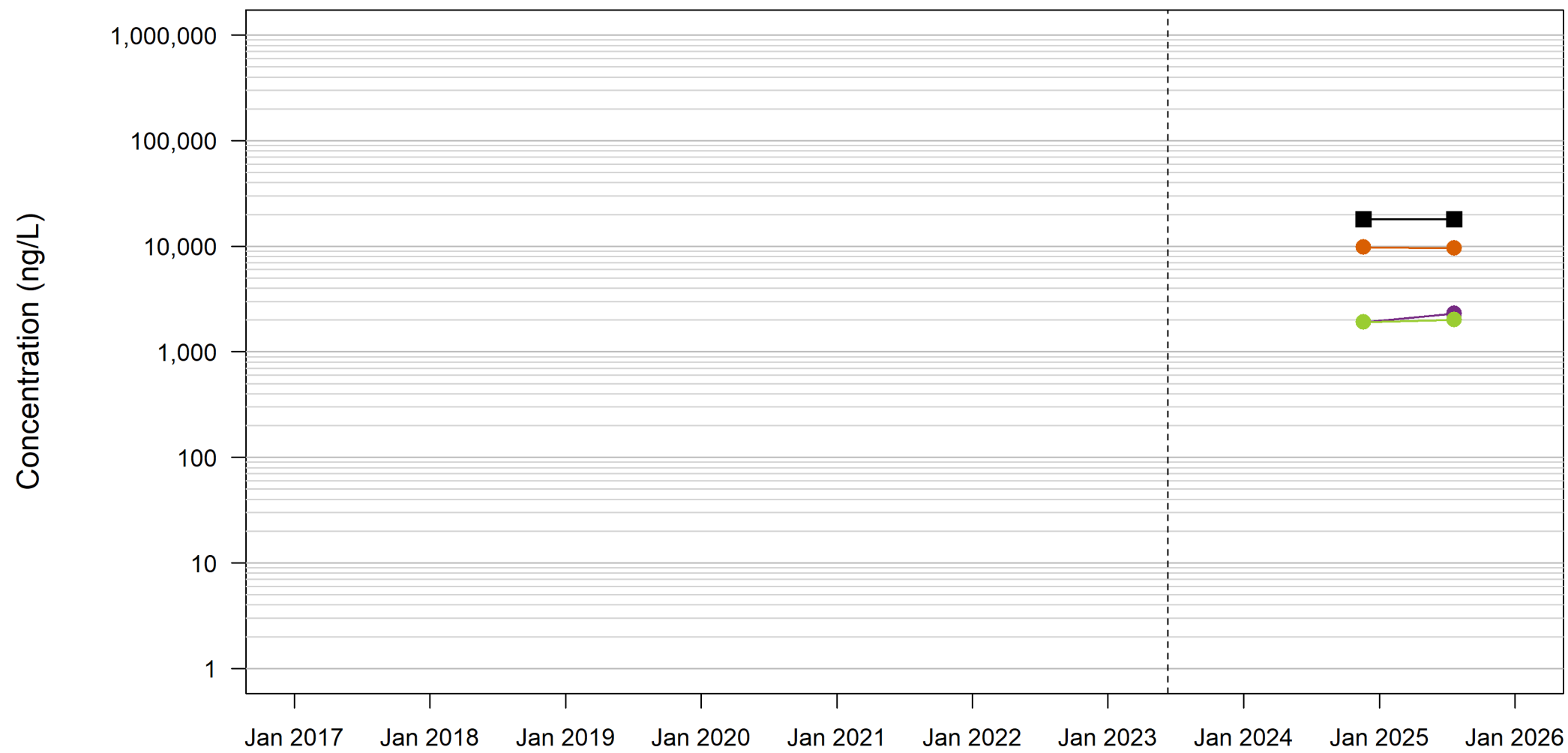
Raleigh | December 2025

Figure C.25

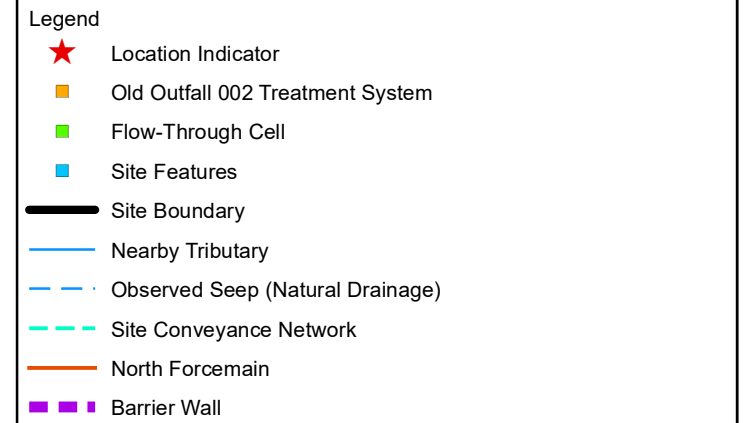
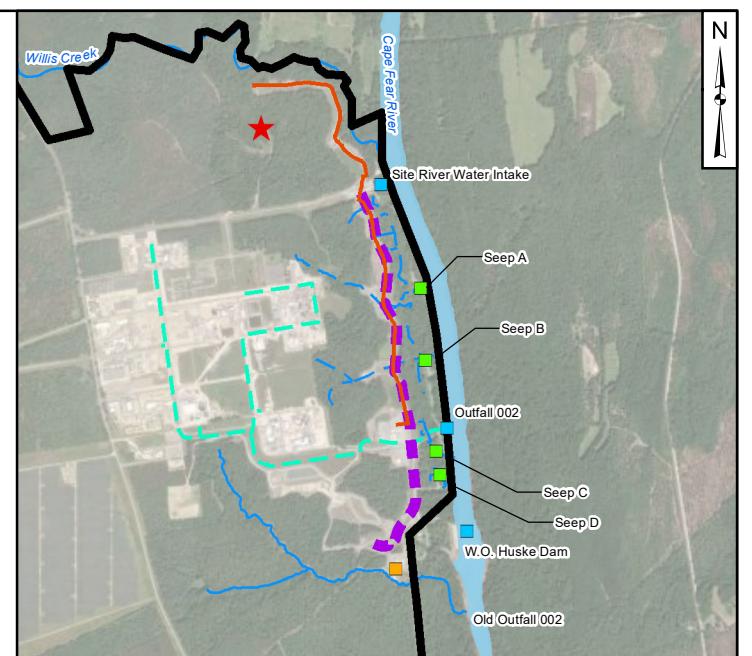
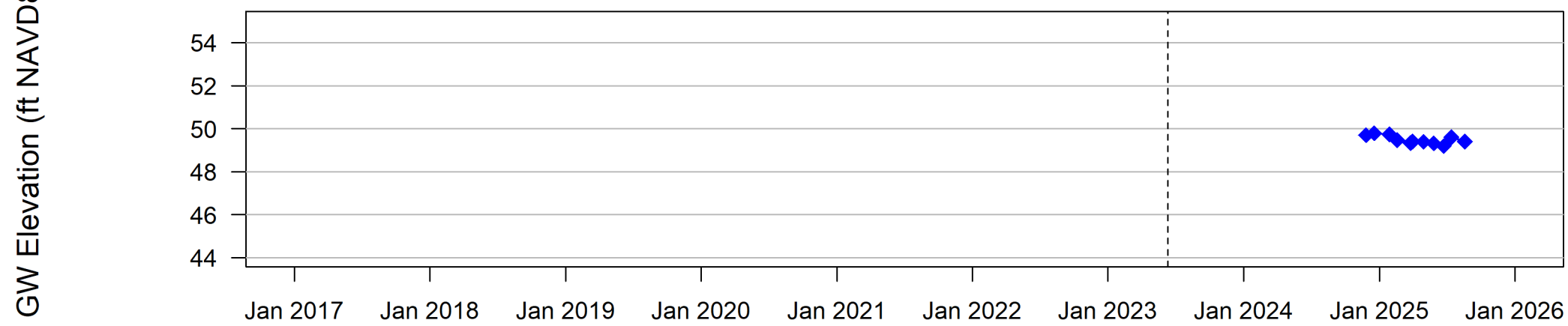
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



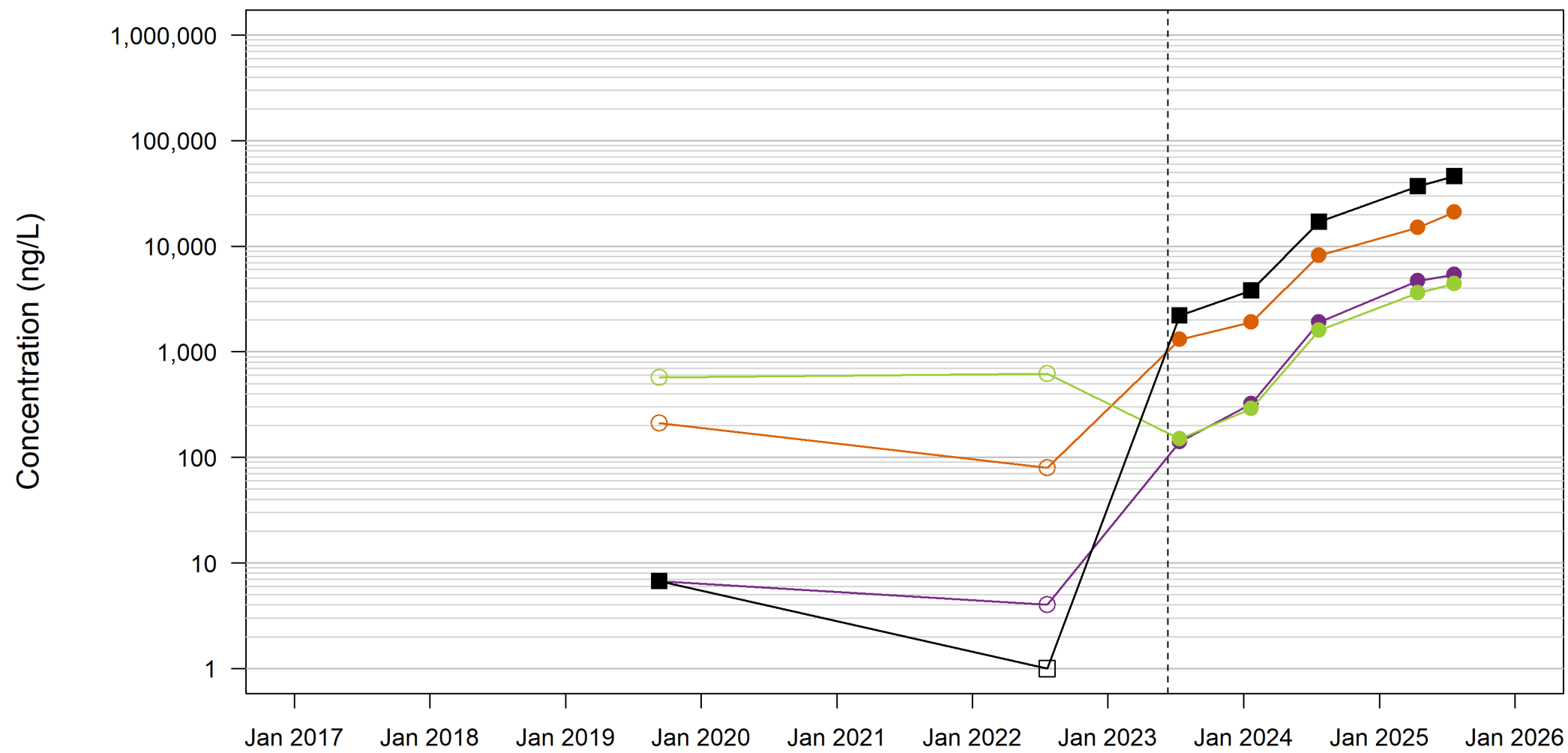
Time Trends at OW-59 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.26
	Raleigh	

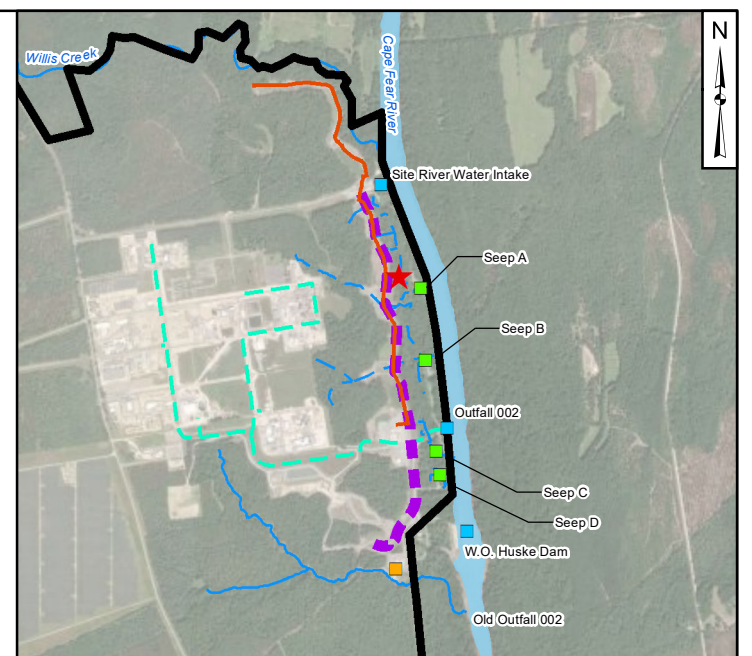
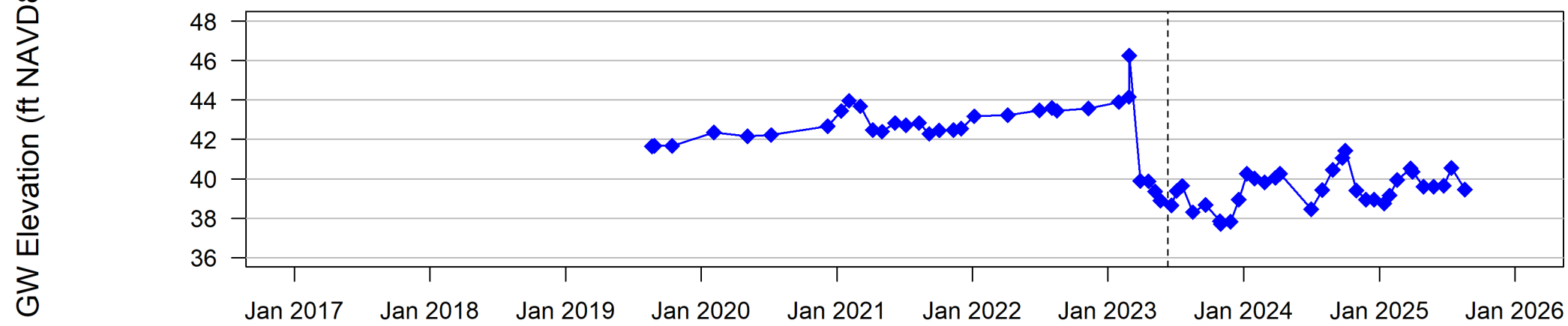
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- - - Barrier Wall Installation

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Table 3+ Analytical Results



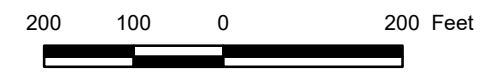
Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



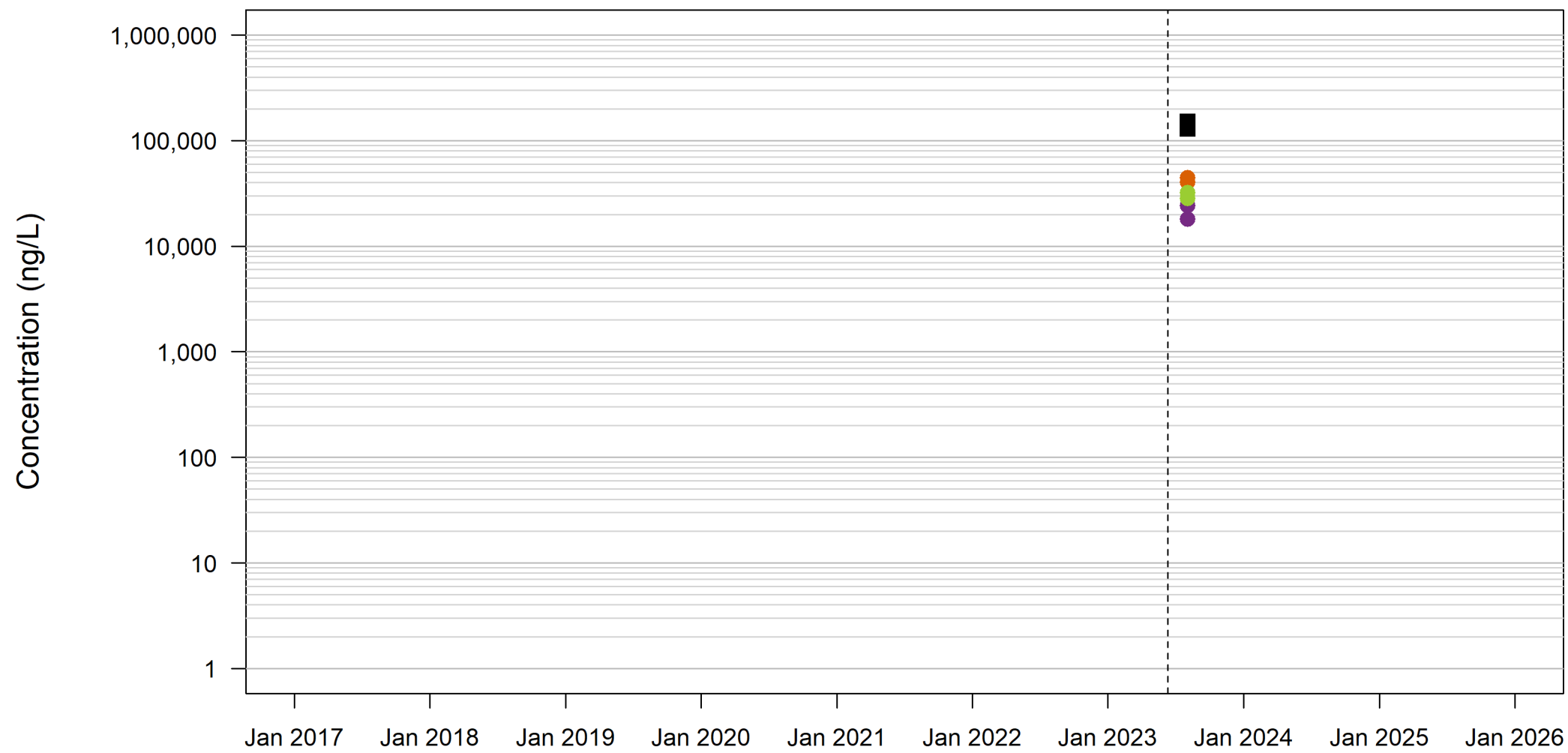
Time Trends at PIW-4D (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.27
	Raleigh	

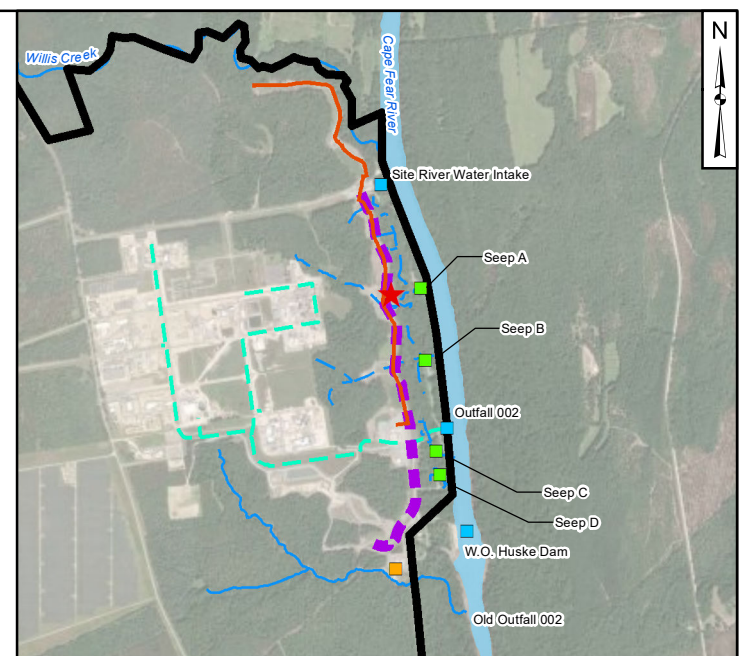
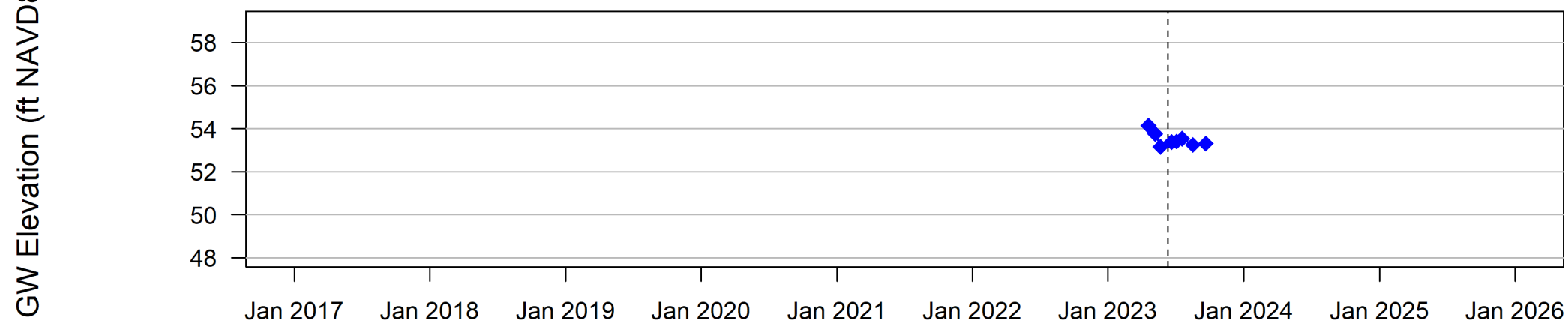
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

Path: \\G:\ghigh\01\Data\PIW4\Projects\1107195 Database and GIS Output\Time Trends\1107195 - Time Trends\01\Network\Figure For Reporting_GWEC.mxd; Title: 12/12/2025

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. This well is frequently dry, resulting in limited water level and chemistry data. Time trend plots may appear sparse or incomplete.
2. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-5SR (Surficial Aquifer)
 Chemours Fayetteville Works, North Carolina

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

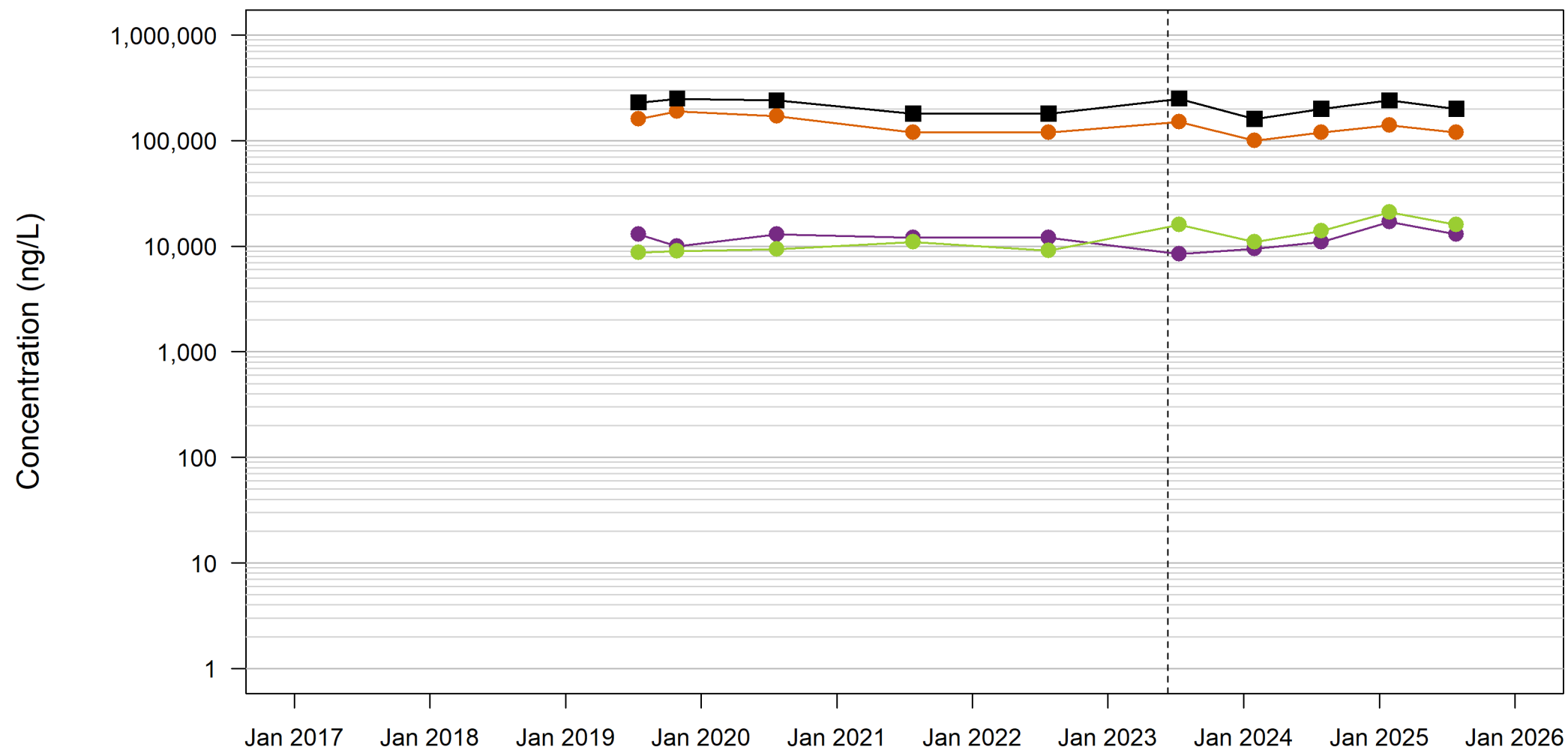
Geosyntec consultants
 Geosyntec Consultants of NC, P.C.
 NC License No.: C 3500 and C 295

Raleigh | December 2025

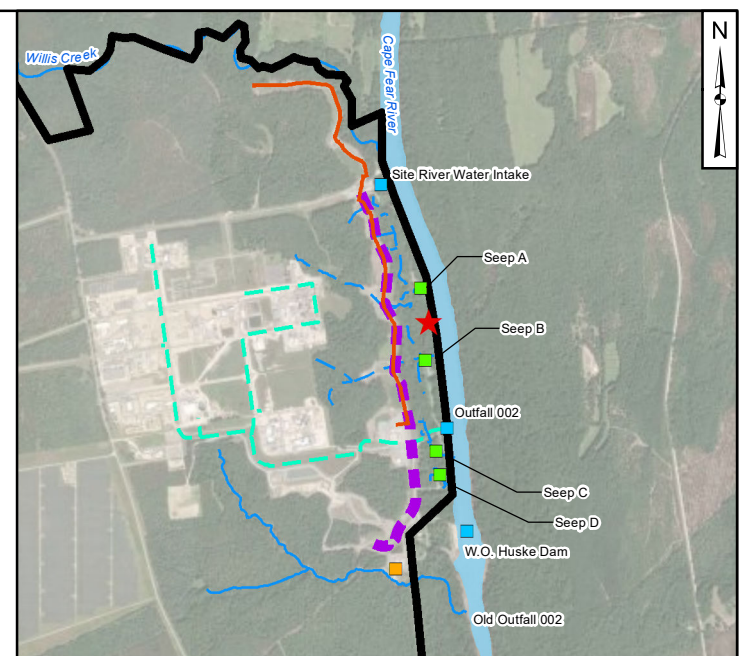
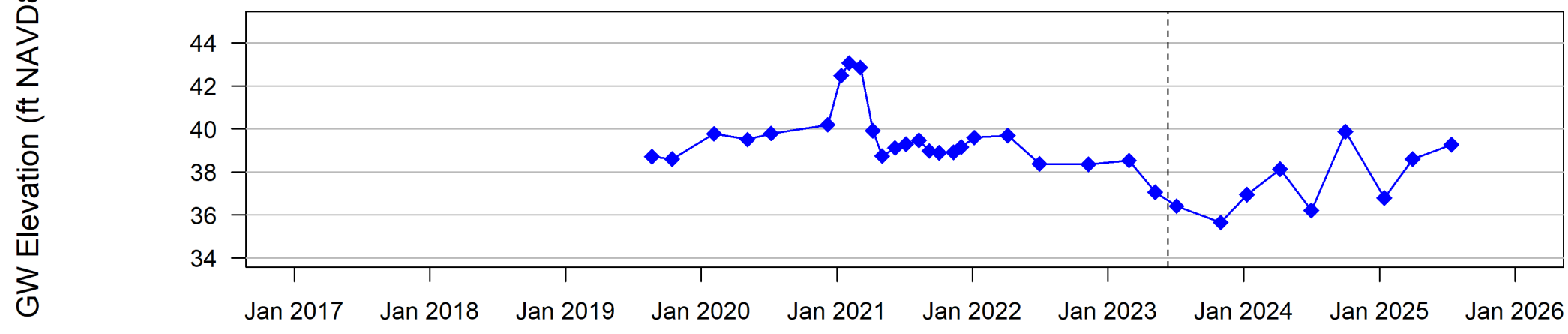
Figure C.28

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

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



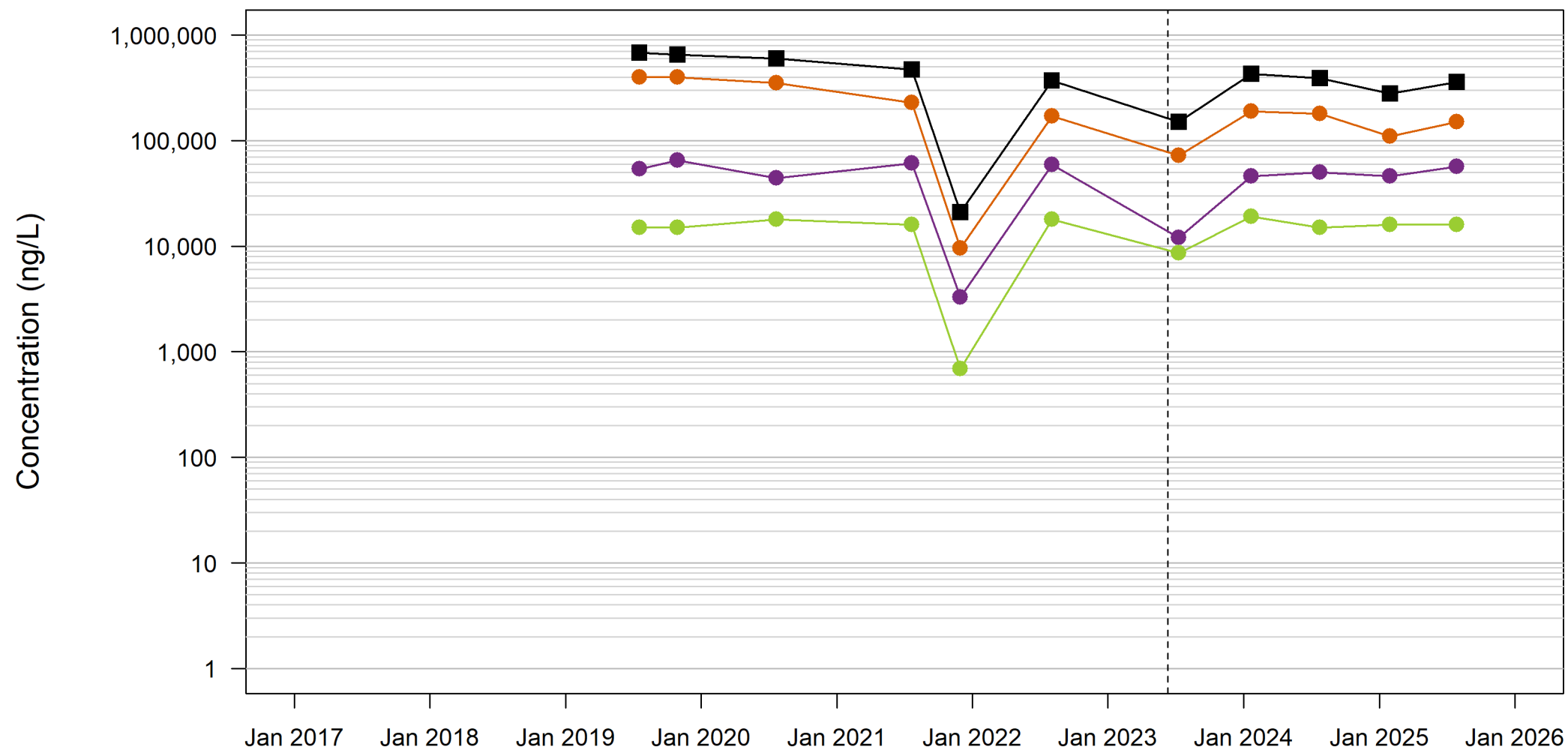
Time Trends at PIW-6S (Floodplain Deposits)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.29
	Raleigh	

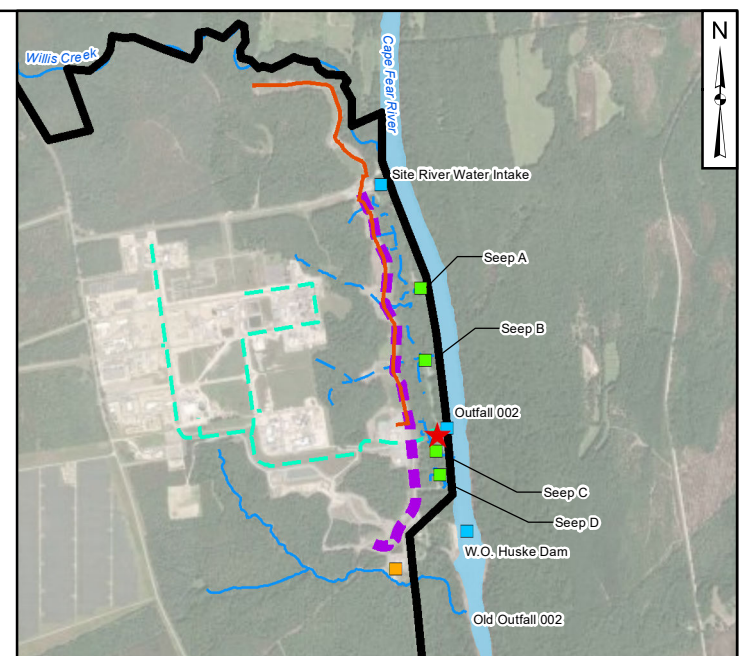
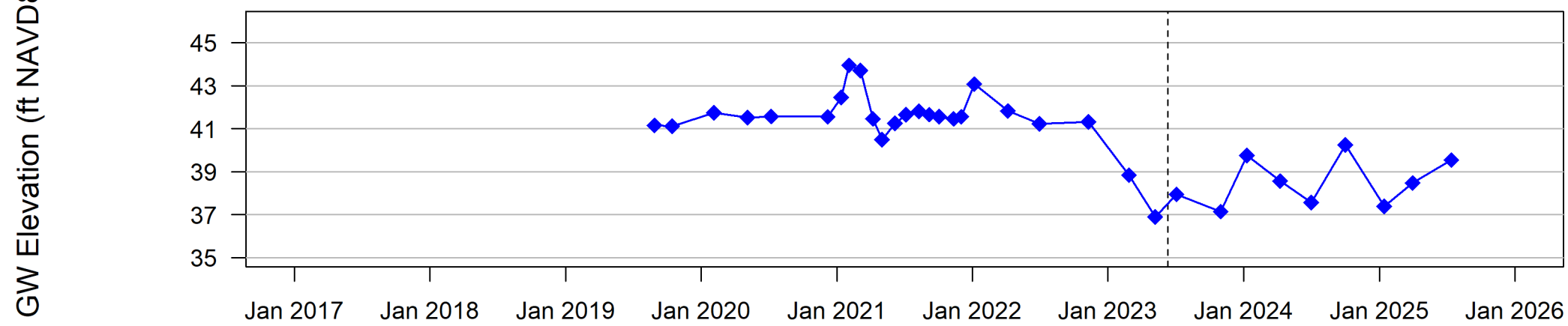
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

Path: \\G:\ghigh\01\Data\PIW\Projects\1107195 Database and GIS Output\Time Trends\1107195 - Time Trends\Onsite\Network\Figure For Reporting_GWEC.mxd; Title: 12/12/2025

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-8D (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

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

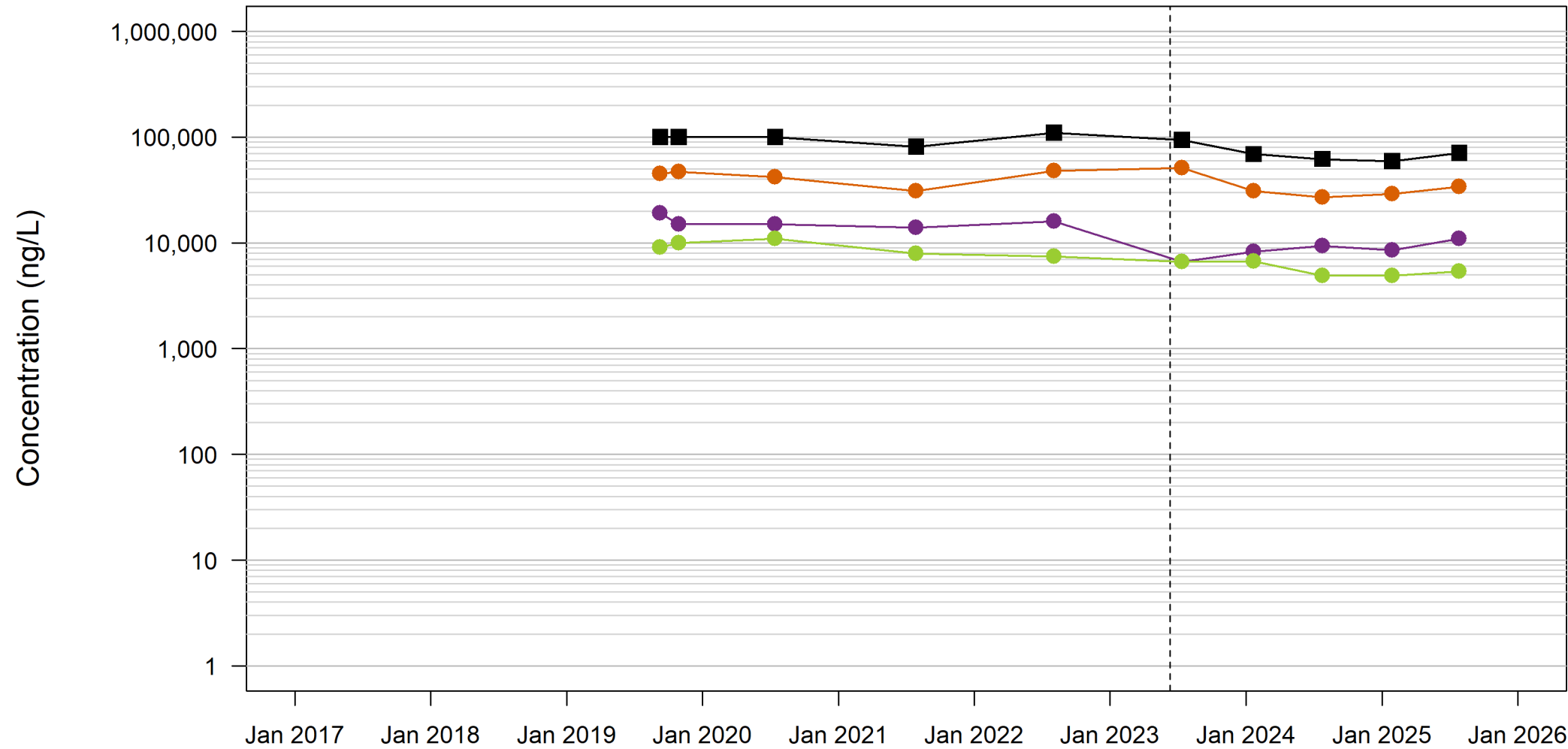
Raleigh | December 2025

Figure C.30

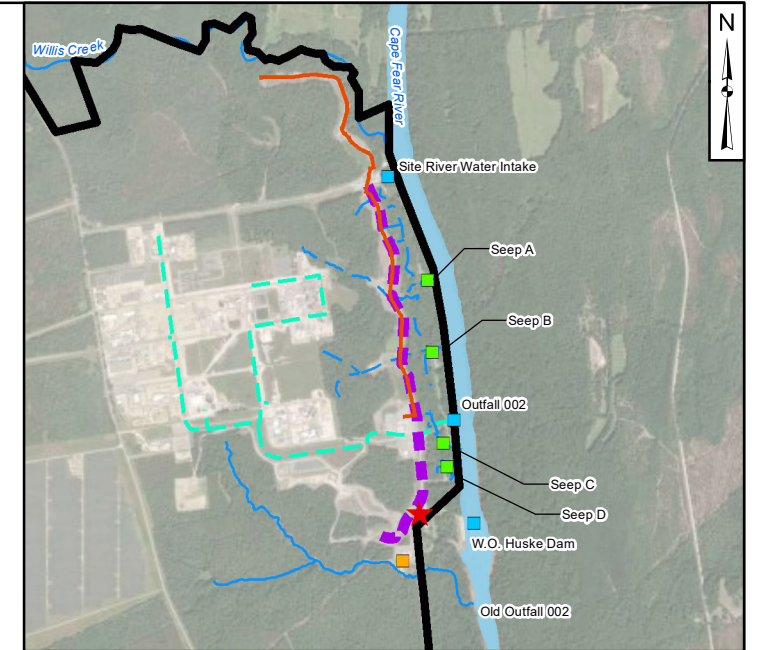
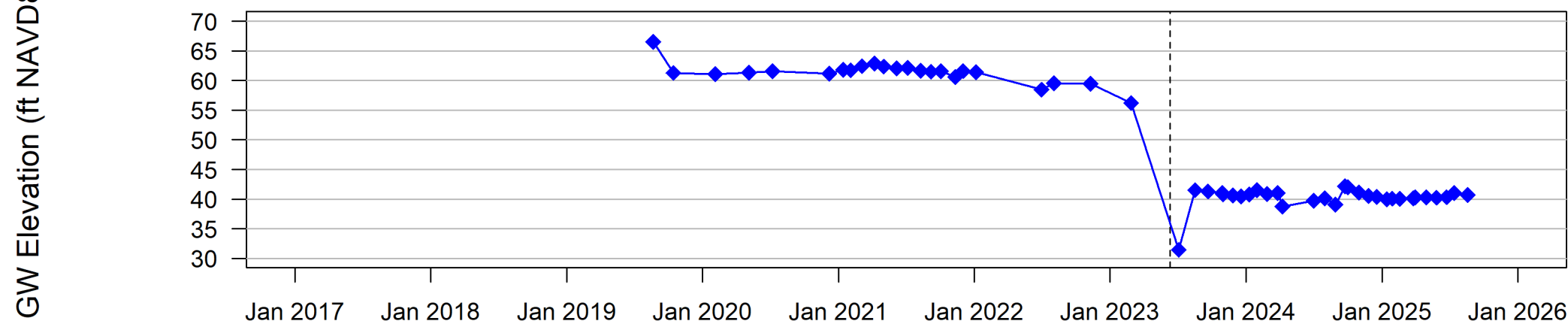
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet



Time Trends at PIW-10DR (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

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

Figure

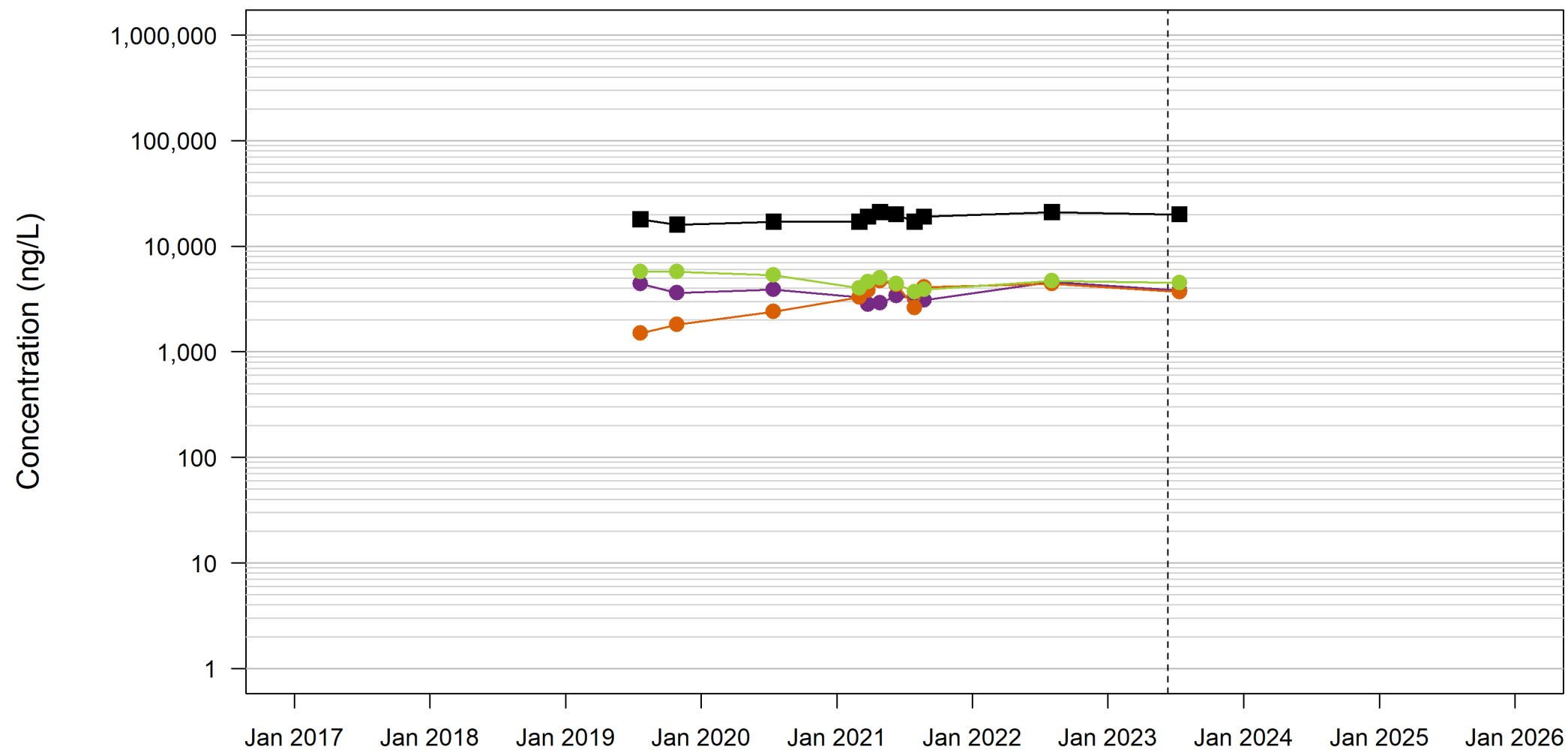
C.31

Raleigh

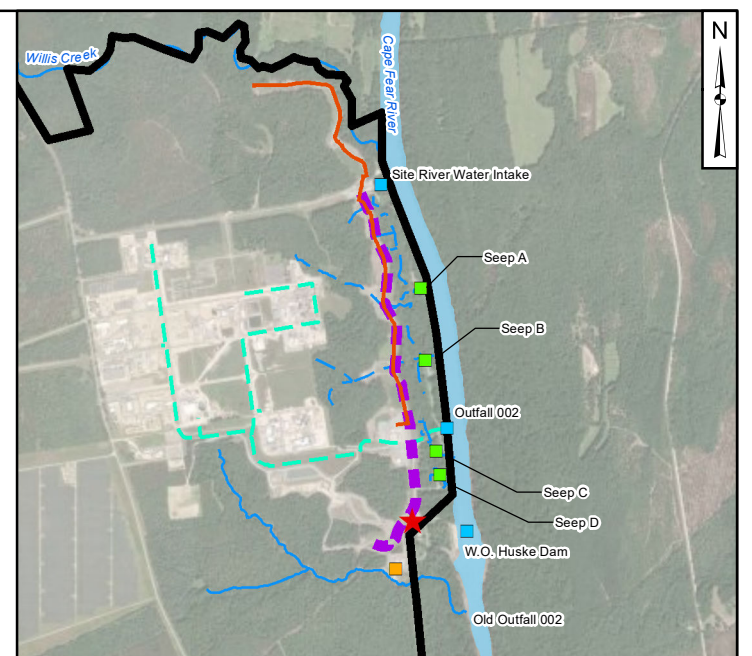
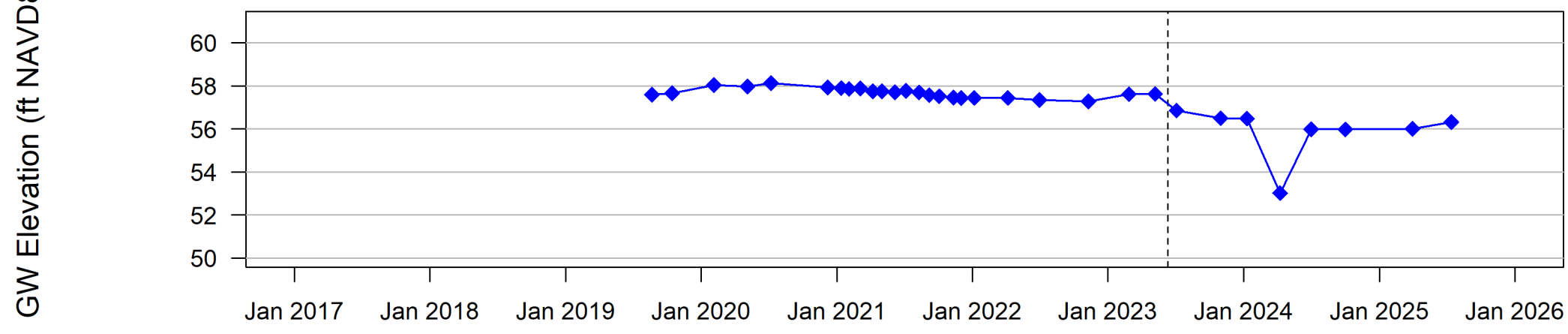
December 2025

- Detect
- HFPO-DA
- PMPA
- ◆ GW Elevation
- Non-Detect
- PFMOAA
- Total Table 3+ (17)
- Barrier Wall Installation

Table 3+ Analytical Results



Groundwater Elevations



Legend

- ★ Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
- Site Conveyance Network
- North Forcemain
- Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. This well is frequently dry, resulting in limited water level and chemistry data. Time trend plots may appear sparse or incomplete.
2. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-10S (Surficial Aquifer)
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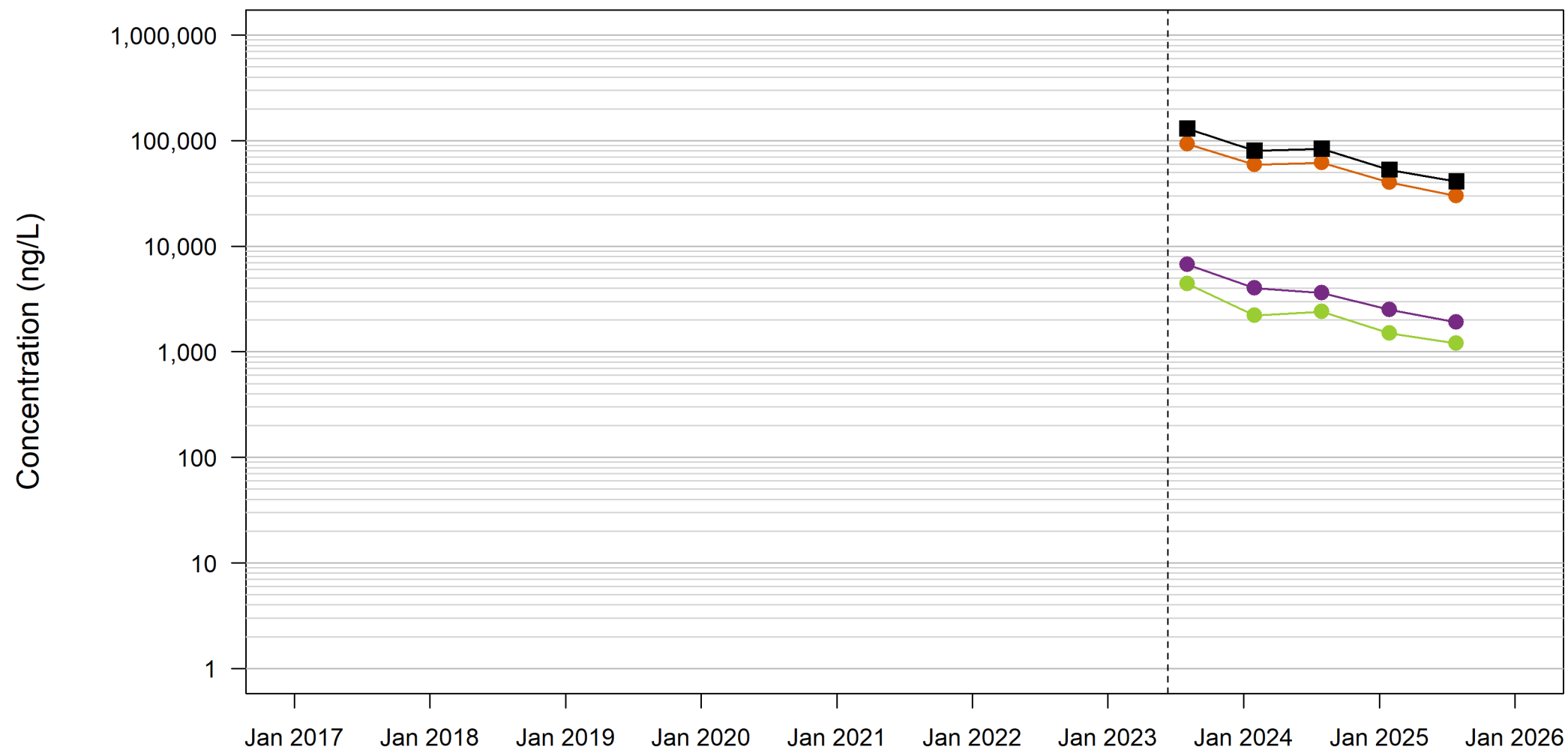
Figure C.32

Raleigh December 2025

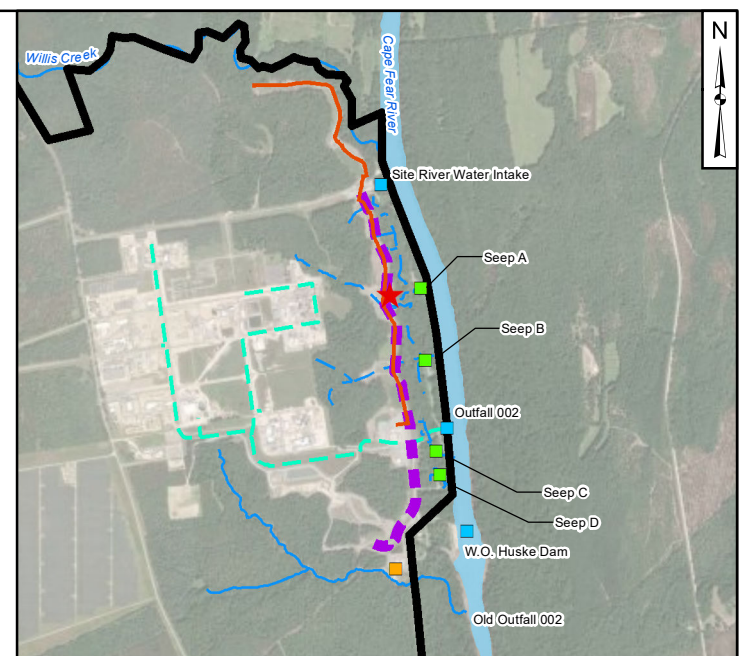
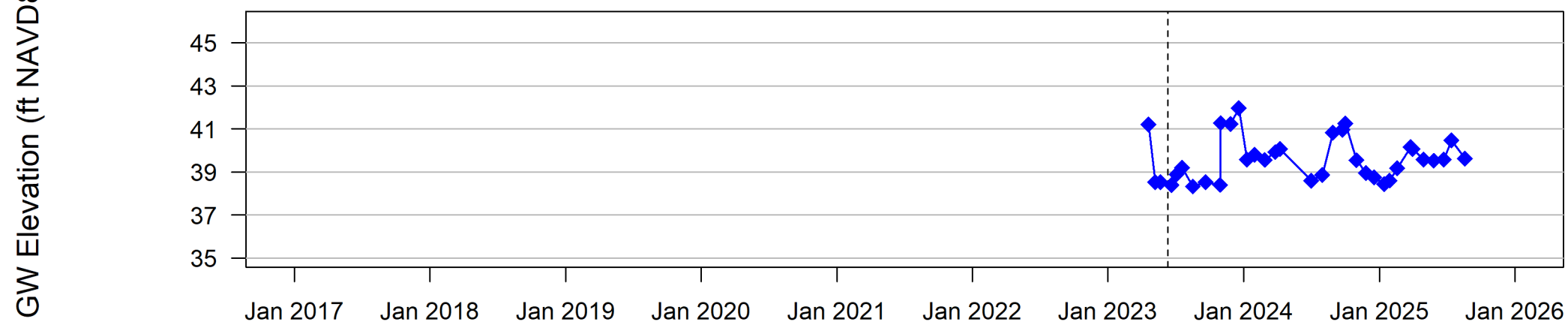
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - - - Observed Seep (Natural Drainage)
 - - - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

1. The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PW-10RR (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

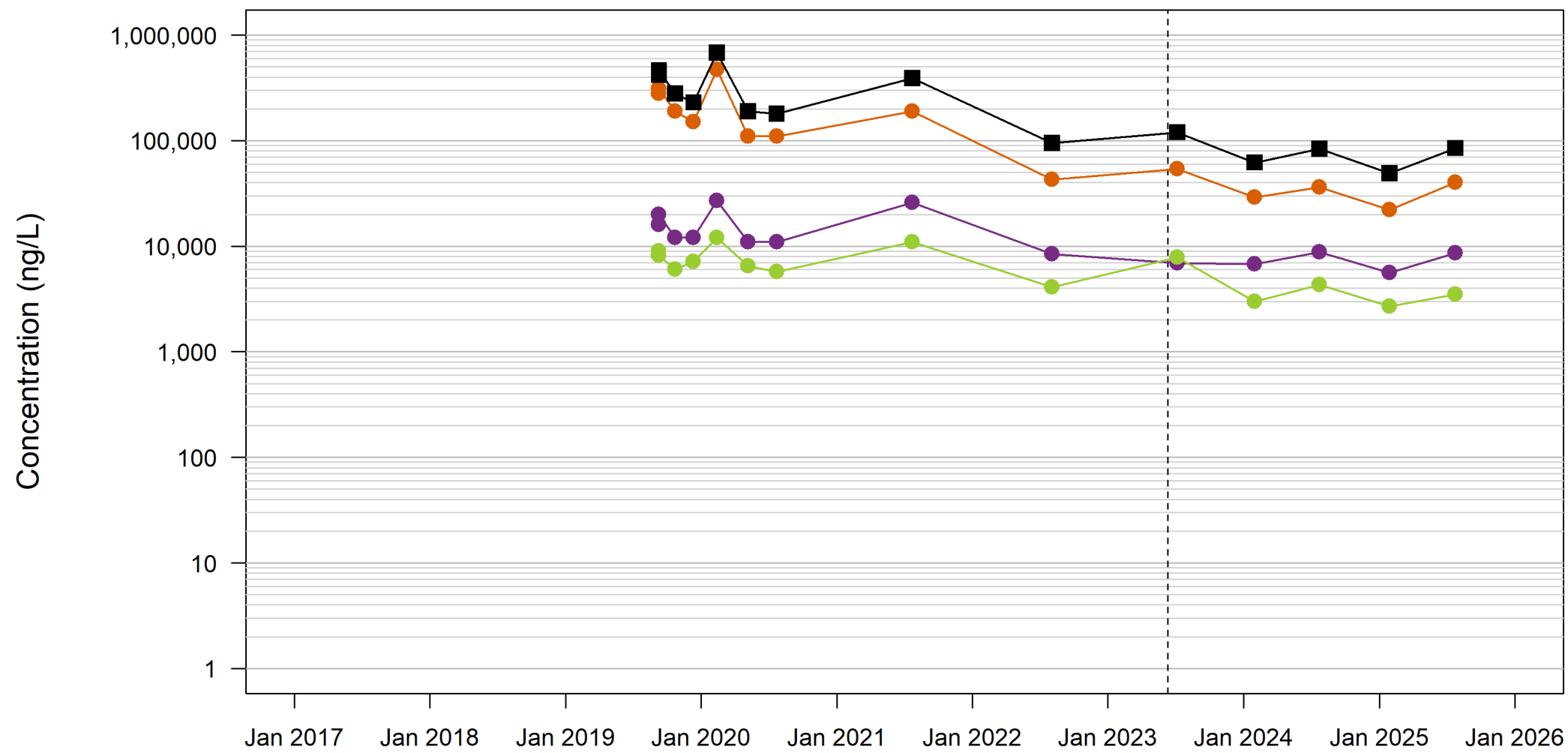
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.35
	Raleigh	

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- - - Barrier Wall Installation

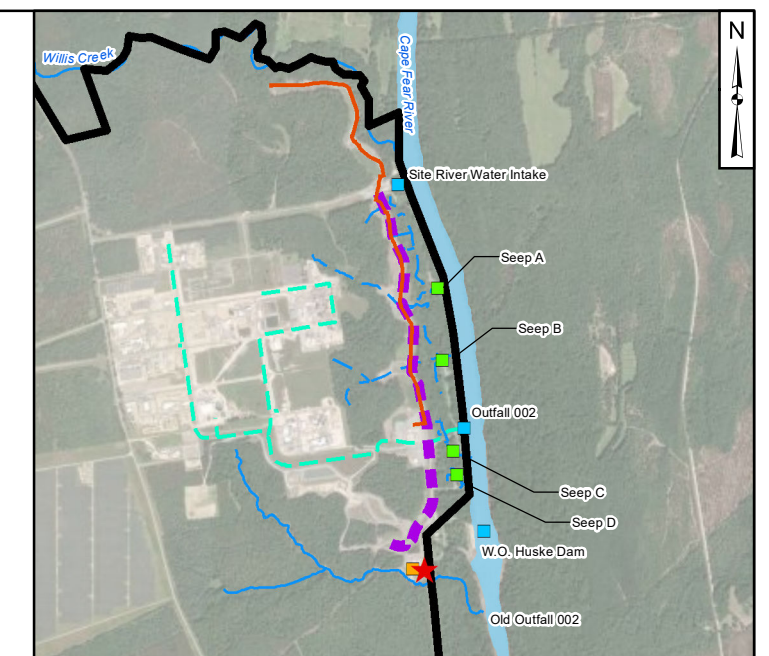
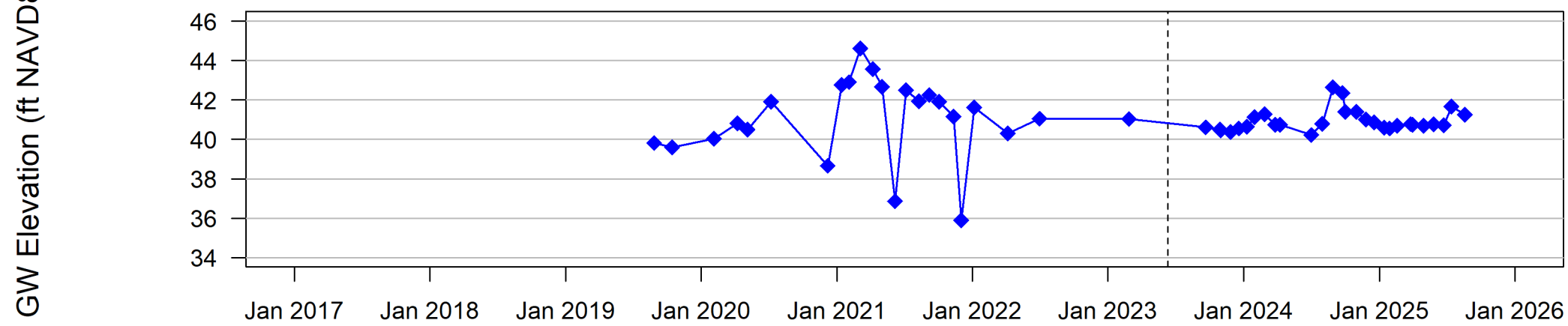
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - - - Observed Seep (Natural Drainage)
 - - - Site Conveyance Network
 - North Forcemain
 - - - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



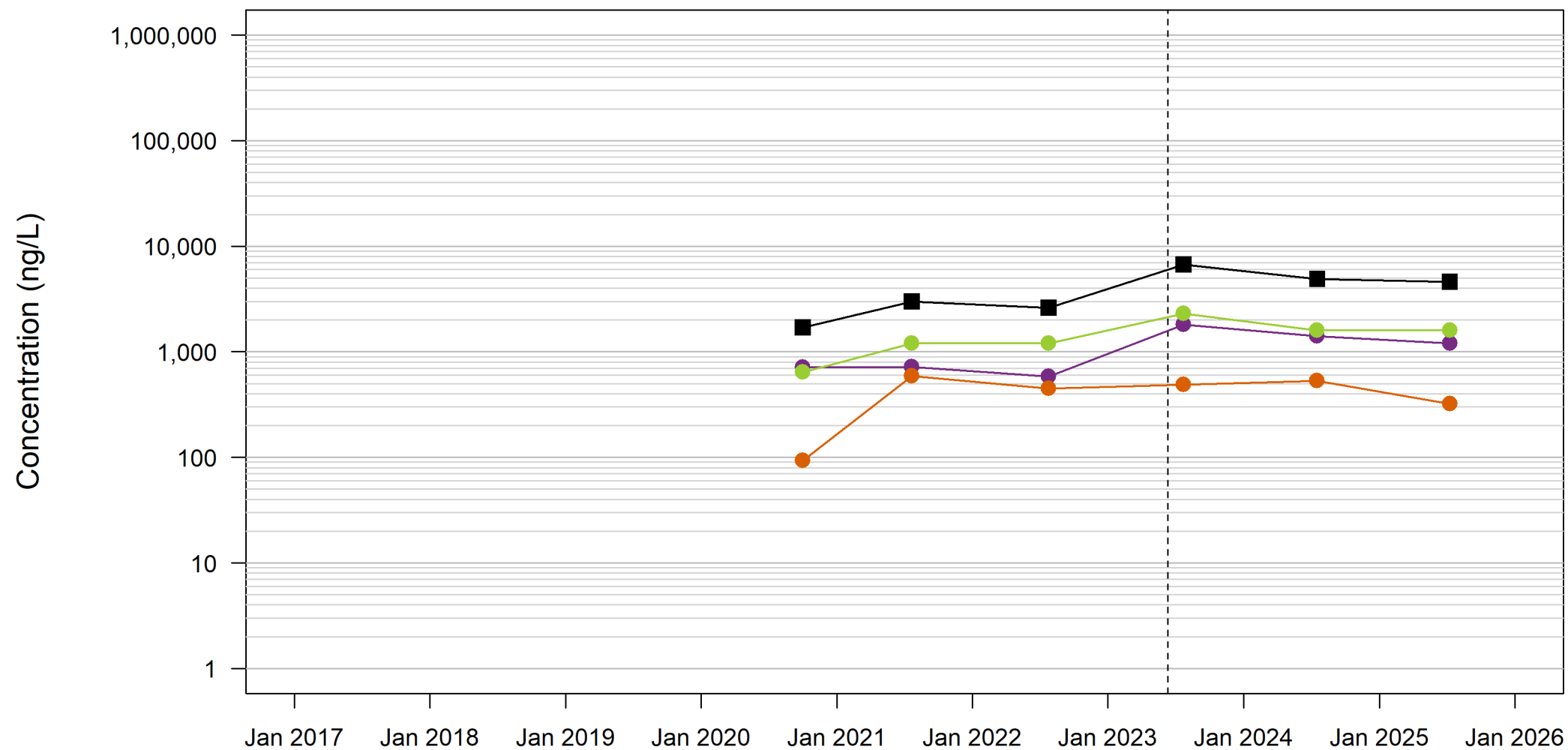
Time Trends at PW-11 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.36
	Raleigh	

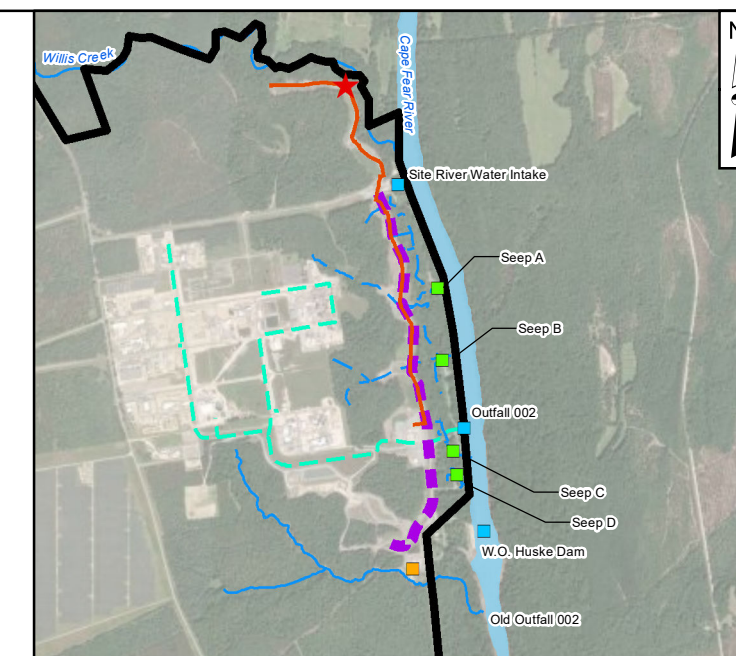
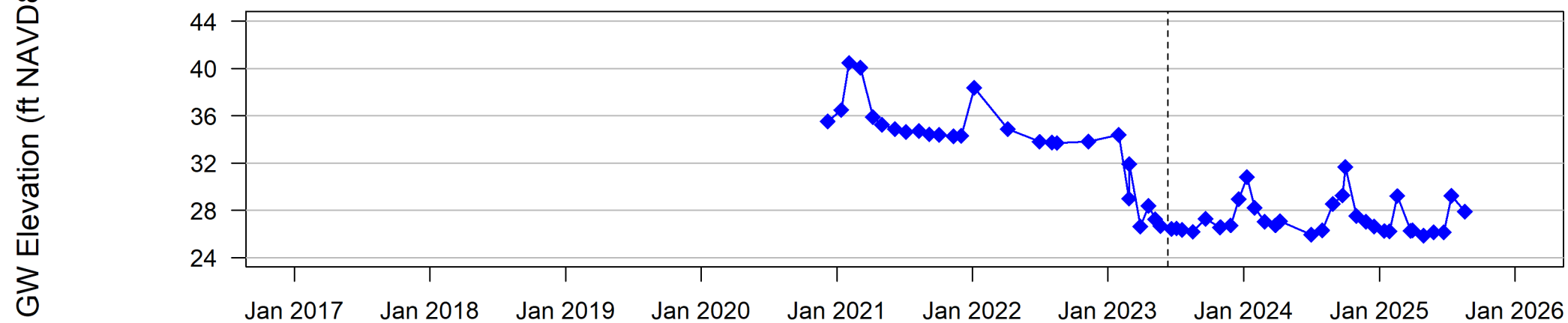
- Detect
- HFPO-DA
- PMPA
- ◆ GW Elevation
- PFMOAA
- Total Table 3+ (17)
- Barrier Wall Installation
- Non-Detect

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Table 3+ Analytical Results



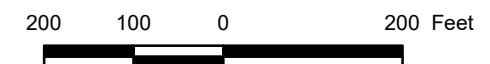
Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



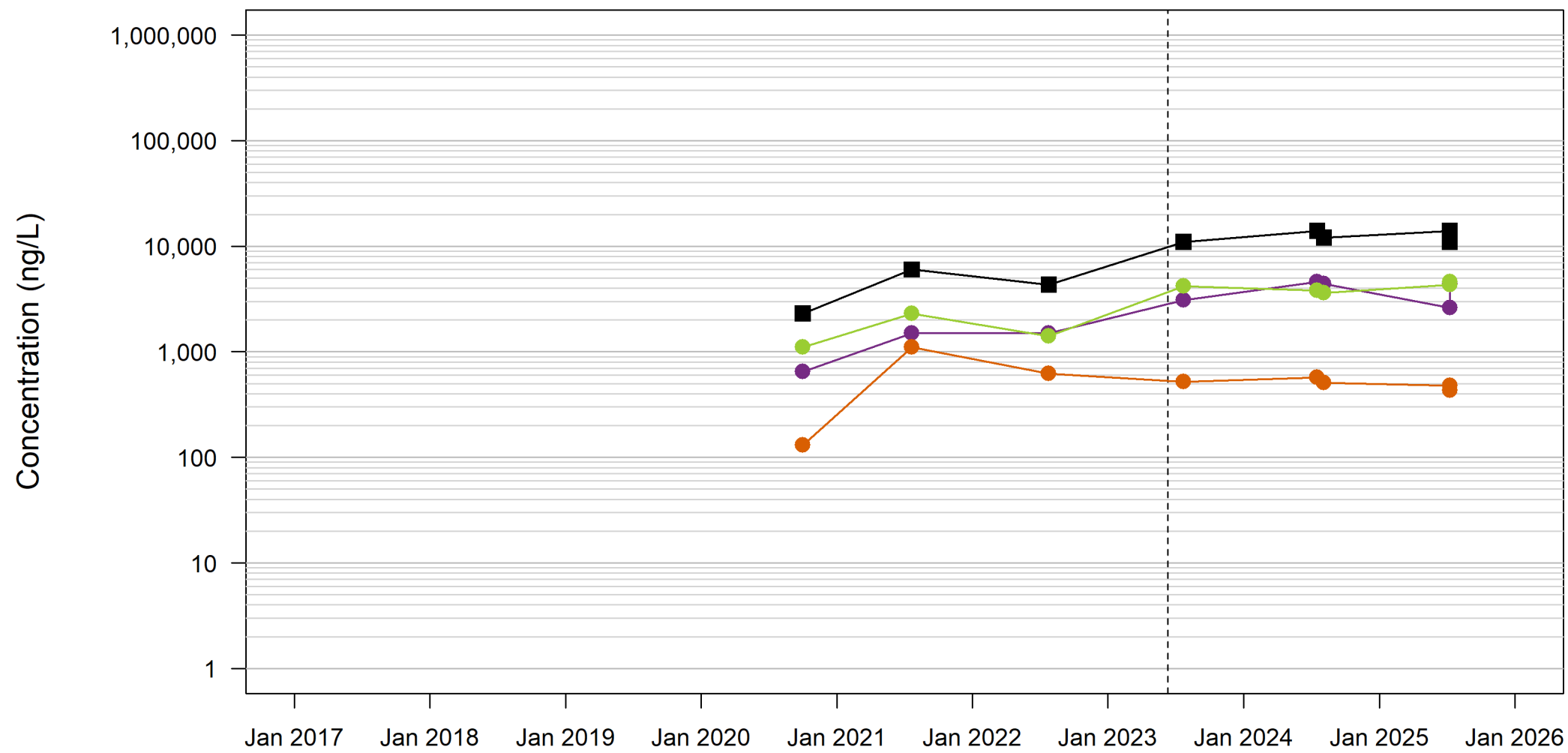
Time Trends at PIW-12 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.37

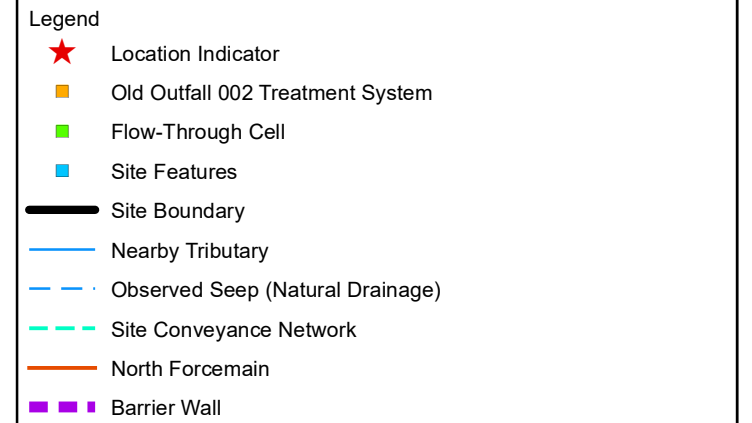
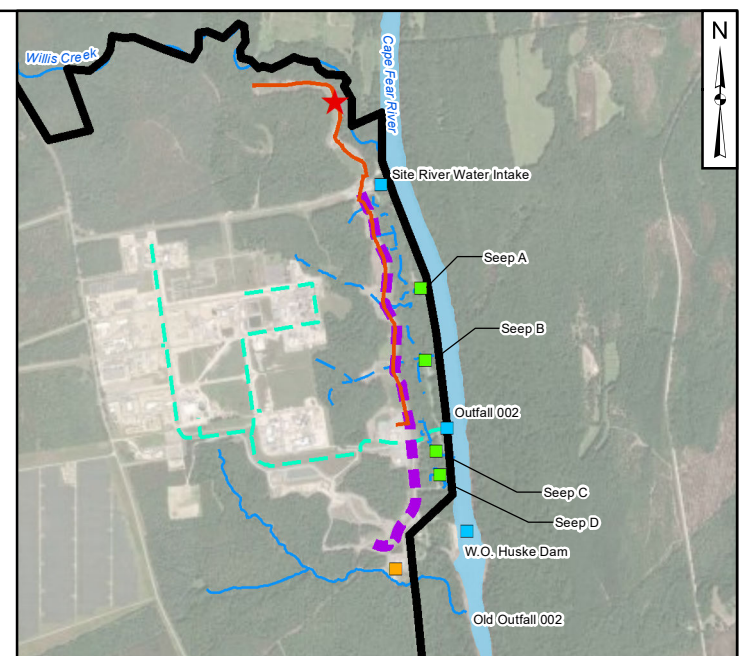
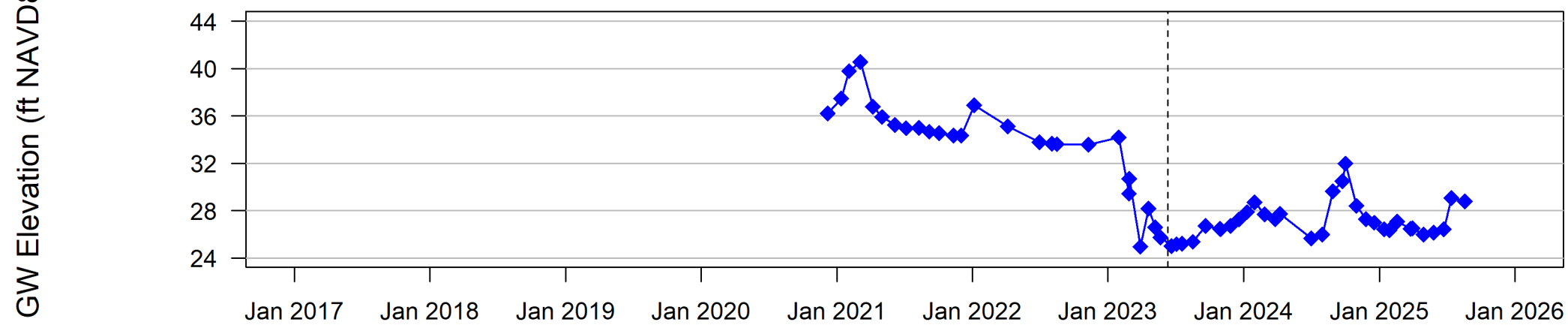
- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

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Table 3+ Analytical Results

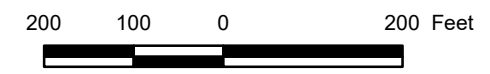


Groundwater Elevations



Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-13 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

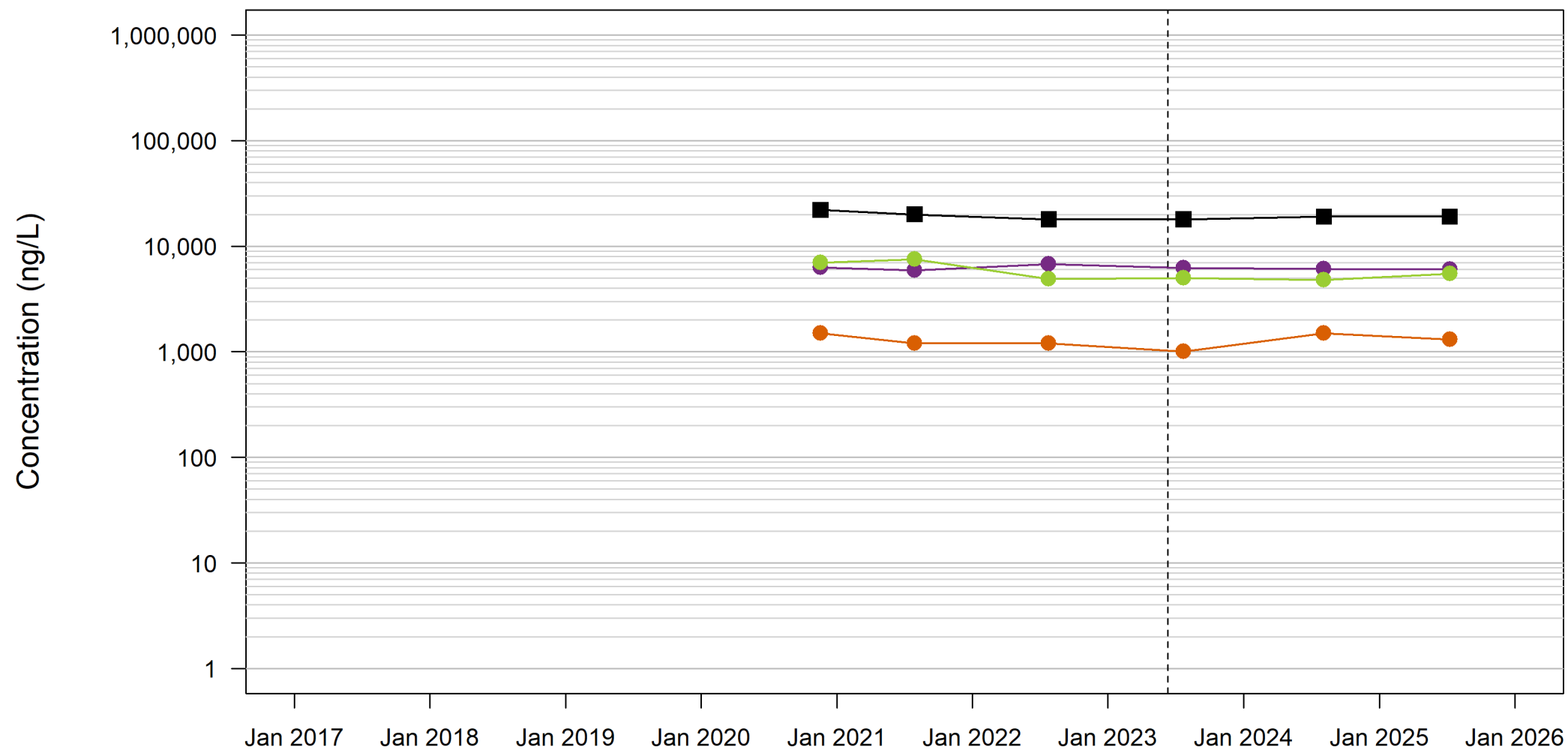
	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.38
	Raleigh	

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- GW Elevation
- Barrier Wall Installation

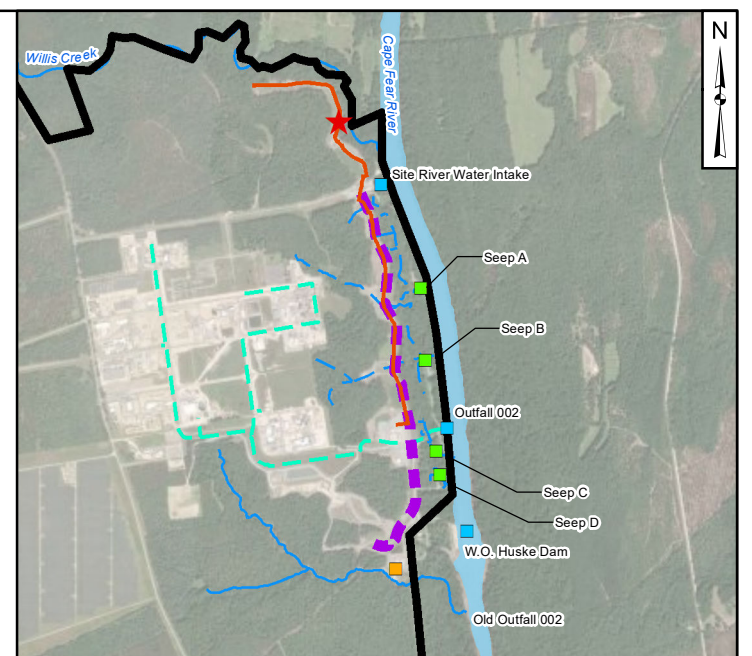
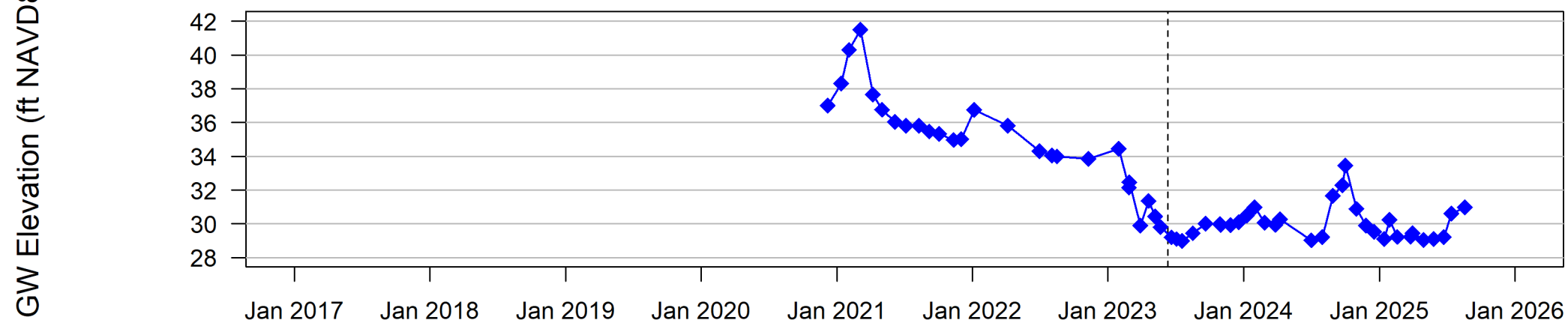
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Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



- Legend**
- ★ Location Indicator
 - Old Outfall 002 Treatment System
 - Flow-Through Cell
 - Site Features
 - Site Boundary
 - Nearby Tributary
 - Observed Seep (Natural Drainage)
 - Site Conveyance Network
 - North Forcemain
 - Barrier Wall

Notes:
 GW - groundwater
 ft - feet
 ng/L - nanograms per liter
 NAVD88 - North American Vertical Datum of 1988

- The groundwater extraction wells and ex-situ capture systems were initiated in March and April 2023, respectively. The barrier wall test panel was initiated December 2022 and the wall was completed by June 2023.
- The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
- Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Time Trends at PIW-14 (Black Creek Aquifer)
 Chemours Fayetteville Works, North Carolina

	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295	Figure C.39
	Raleigh	

- Detect
- Non-Detect
- HFPO-DA
- PFMOAA
- PMPA
- Total Table 3+ (17)
- ◆ GW Elevation
- Barrier Wall Installation

Path: \\G:\gh\GIS\Projects\1107195 Database and GIS Outputs\Time Trends\1107195 - Time Trends\Output\NetworkFeature_Report.mxd; Title: 12/12/2025