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CFR Long-Term Remedy Performance Monitoring Report #9 (Q1 2025)

January – March 2025

Chemours Fayetteville Works

Prepared for

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

Prepared by

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

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EXECUTIVE SUMMARY

This Cape Fear River (CFR) Long-Term Remedy Performance Monitoring Report #9 ("Report") has been prepared for the Q1 2025 period of January 1 through March 31, 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 (Jan - Mar 2025)		Cumulative through March 2025*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
004 Treatment Plant	48.8	50.6	444.5	516.8
Ex-Situ Capture Systems	*12.6*	*Included in 004*	*56.1*	*Included in 004*
GWEC	*42.5*	*Included in 004*	*404.8*	*Included in 004*
Interim FTCs	2.6	0.5	435.0	552.2
Total (004 + Interim FTCs)**	**51.4**	**51.1**	**879.5**	**1,069.0**

**Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C). Please note that some previous reports have reported the total mass removed of 20 Compounds. Mass removal in this report for all remedy components is reported as 17 Compounds.*

***Differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems as well as storage time in the surge pond, break tank, and other components. The calculated total influent of the Ex-Situ Capture Systems and GWEC system above is 55.1 MG for Q1 2025. The total influent as measured by Veolia's flow meter was 50.4 MG. The total effluent measured by Veolia's flow meter was 48.8 MG as shown.*

The GWEC system has been operating at a steady-state cumulative extraction rate since approximately September 2023, after the extraction well (EW) startup in March 2023 resulted in initial declines in the Black Creek aquifer water levels. The average pumping rate in Q1 2025 was 330 gallons per minute (gpm). The 12-month rolling average of GWEC flow rate covering April 2024 through March 2025 is approximately 329 gpm. The Ex-Situ Capture system's flow trends are dependent on weather conditions and are therefore more variable. The 004 GWTP removed greater than 99% of PFAS[1] produced from 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-methoxyaceticacid (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 mass 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 (Geosyntec, 2025c).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the Willis Creek alignment, particularly in the midsection, with nearly 8 feet of groundwater elevation reduction measured in monitoring wells. 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 post-startup mass discharge to the Cape Fear River is estimated to be approximately 50% less than 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 Q1 2025, the monthly average was 0.87 MG (an approximate 94% decrease). Batch mode processing has been necessary in order to maintain treatment efficiency at the reduced flow rates. During dry weather, with the FTCs offline, the impoundment elevations at the FTCs either remain stagnant or decrease, indicating that the long-term remedy components have eliminated the observable dry weather flow. As the FTCs now treat predominately rainwater mixed with stagnant residual groundwater, the concentration of PFAS in the influent has also decreased. Between July 2021 and June 2023, the average influent PFAS concentration (Total Table 3+, 17 compounds) across the four FTCs was approximately 150,300 nanograms per liter (ng/L); between January and March 2025, it was 17,200 ng/L (an approximate 89% 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.

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CAP	Corrective Action Plan
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
NCDEQ	North Carolina Department of Environmental Quality
NAVD88	North American Vertical Datum of 1988
ng/L	nanograms per liter
NPDES	National Pollutant Discharge Elimination System
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
USGS	United States Geological Survey
UES	Universal Engineering Services
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 #9 ("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 Q1 2025: January 1 through March 31, 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 21 Table 3+ PFAS and 35 other PFAS compounds by Method 537MM. Matrix interference studies have shown that quantitation of three of the compounds included in the Table 3+ PFAS group, R-PSDA, Hydrolyzed PSDA, and R-EVE[1] is inaccurate due to interferences by the sample matrix (Geosyntec, 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 perfluoropropanoic acid (PFPrA), to allow for a direct comparison of results to prior years and to discuss mass removal of remedial components. Although the report tables include results for the three groupings above, the text and figures of this report focus on the Total Table 3+ (17 compounds) PFAS grouping.

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

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. Following the DVM process, a manual review of the data was conducted. The DVM and the manual review results were combined in a DVM narrative report for each set of sample results which is consistent with Stage 2b of the *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

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

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

The DVM narrative reports are provided in Appendix A. Overall, the DQOs were met for accuracy and precision. 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, all samples were within the acceptable temperature requirements for preservation during storage and shipping (i.e., between not frozen to 6°C with a target of 4°C) as outlined in the Chemours per- and polyfluoroalkyl substances (PFAS) Program QAPP (AECOM, 2018).

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. This section also presents a brief discussion on the collection of representative flows at seeps and weeps at specific locations required by the Conditional Approval of the 90% Design of the Groundwater Extraction and Barrier Wall Remedy.

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 detail 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	80	10	0
B	89	1	0
C	65	0	25
D	90	0	0

2.1.3 FTC Management During River Flooding

During the reporting period, the Cape Fear River did not rise above the action level[2] established to protect electronic equipment. 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

The table below summarizes the material changeouts and pounds (lbs) removed through this reporting period:

Seep	Filter Bed	Granular Activated Carbon (GAC) Changeouts		
		Date	GAC Age/Lead Days	GAC Removed (lbs)
D	FB1	2/26/2025	574/393	27,000
			Total	*27,000*

2.1.5 Issue Resolution and System Optimization

On February 25, 2025 during a dry weather period, flow was observed entering the Seep C FTC from the bluff face in the vicinity of the Outfall 002 discharge pipe. The characteristics of the flow were similar to that observed in early November 2023, when a leak at a small seam in the sump and Outfall 002 discharge pipe was first identified. FTC operations personnel operated the Seep C FTC so this water was treated while the investigation and repair proceeded. As noted in previous reporting (CFR Long-Term Remedy Performance Monitoring Reports #4 and #5), this discharge pipe contains treated water from the 004 GWTP, and treated wastewater and noncontact cooling water from the facility. Water levels in the piezometers that were installed to previously investigate this area indicated the seam in the sump and discharge pipe was likely leaking again.

A joint sealing remedy (similar to the December 2023 remedy) was applied to the discharge pipe approximately one week after the leak was identified, on March 6, 2025. Following this action the flowrate at the bluff face appeared to be reduced and ultimately dried up. Site operations personnel gauged piezometers in the area periodically and observed declines and stability in water levels. Additionally, water levels in the Seep C impoundment were stable or declining during dry periods when the FTC was in batch mode (closed to flow), indicating no further additions to seep flow.

Chemours is actively investigating permanent solutions to this recurrence of the leak, which is suspected to be due to thermal contraction in cold weather conditions of the high-density polyethylene (HDPE) piping at the seam where piping connects to the manhole. These reports will provide updates on potential repair technologies and implementation schedules moving forward.

[2] 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.

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. The methods, data reduction process, and flow measurement results for the Willis Creek Tributary are presented in the Willis Creek Tributary Flow Monitoring Memorandum included as Appendix C to this report.

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

One instance of a transducer download was unsuccessful during the reporting period: the influent transducer at Seep C was inadvertently overwritten during retrieval on the March 11 OM&M field event. Data for this location was lost for March 3 through March 11, 2025.

There is a gap in precipitation data from the W.O. Huske Dam from March 25 through March 31, 2025. Precipitation data for this period was obtained from the nearest available USGS station in Fayetteville (gauge 02104000).

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)	8.97				
Rainfall, Historical Quarterly Average (2004-2020) (inches)	7.96				
River Above Spillway (days)[1]	0	0	0	0	N/A
Seep Volume Treated (million gallons [MG])[2]	1.18	0.26	1.13	0.0	2.57
PFAS Removed (lbs)[3]	0.31	0.048	0.102	0.0	0.46

1 - Seeps A and D are approximately 1 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

Two Year Seeps and Weeps Flow Monitoring

The estimated monthly annual flow volume for two years of monitoring for each of the locations specified in the 90% Design Conditional Approval letter is presented in Appendix C. Flows at locations DP11, south of DP10, DP5, DP3, and DP2 are captured by the FTCs, so estimated flow volumes are represented in the FTC discharge volumes. The flow volume for the Willis Creek Tributary is estimated using flow measurements collected by a flume installed downgradient of the Willis Creek Tributary Ex-Situ Capture system as discussed in Appendix C.

FTC System Flowrates

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

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
January 2025	1.76	2.28	-23%
February 2025	2.60	2.89	-10%
March 2025	4.61	2.79	+65%
Q1 2025	8.97	7.96	+13%

Long-Term Remedy Impacts on Baseflow

Figure 2-4A-D depict 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.

Implementation of batch mode, in which the impoundment levels are managed such that accumulated water in the basin is processed at flow rates more typical of the historical operation, appears to be increasing the removal efficiencies to the same level as previous reporting 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]	33,600	22,000	9,900	N/A
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L) [1]	8.4	51	23	N/A
Average Removal Efficiency (%)	>99.9	99.8	99.7	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 flowrate data and the performance monitoring composite sample data of the three indicator compounds, the system effectiveness for Seeps A-D was calculated as follows.

	System Effectiveness (%)			
	Seep A	**Seep B**	**Seep C**	**Seep D**
January	No Flow	No Flow	99.3	No Flow
February	>99.9	No Flow	99.8	No Flow
March	>99.9	99.7	99.8	No Flow
Overall Average	*99.8*			

2.3.4 River Elevation and Precipitation

The Cape Fear River did not rise above any key elevation milestones during the reporting period. The changes in elevation of the Cape Fear River during the reporting period are shown in Figures 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 either 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 baseflow.

- **pH:** Consistent with previous reports, the median pH at effluent locations was neutral (i.e., between 6 and 8 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 Services[3] (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.

[3] 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. During the reporting period, approximately 5.9 MG of captured water was pumped from the seep and weep capture locations to the surge pond and approximately 12.6 MG was conveyed from the surge pond to the 004 GWTP. The larger volume of water pumped from the surge pond (as compared to the capture systems) is attributed to diverting GWEC flow to the surge pond to accommodate for carbon changeout maintenance activities performed at the GWTP (January 23-29 and March 14-20).

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 are provided in Table 4-1.

4.1 Operation and Maintenance

The GWEC system has been operating since March 14, 2023. The performance of the individual components of the GWEC system, on a well-by-well basis, are recorded via a telemetry network. System alerts and alarms have been programmed and are generated when a GWEC component is underperforming or not functioning 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 4-2 provides a summary of flow data (daily average flow rate and daily cumulative volume) for the GWEC system (combined flow from all wells). Table 4-3 provides a summary of flow data for each EW during the reporting period (average monthly flow rate, and total cumulative volume by month).

4.2.2 PFAS Data

Extraction Wells were sampled for PFAS in January-March 2023 (pre-startup), April 2023 (one month post-startup), April 2024 (one year post-startup), and April 2025 (two years post-startup). The results for the most recent sampling of April 2025 will be presented in the subsequent CFR Long-Term Remedy Performance Monitoring Report #10 documenting the Q2 2025 reporting period.

4.3 Results

4.3.1 Groundwater Extraction

As shown in Tables 4-2 and 4-3, the average extraction rate during the current reporting period was similar to the extraction rate 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 4-3, 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 is treated to remove PFAS compounds[4] by at least 99%. As with the GWEC system, the 004 GWTP has been operating since March 14, 2023.

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

5.1 Data Collected

5.1.1 Flow Rates

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

5.1.2 PFAS Influent and Effluent

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

[4] As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyaceticacid (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, indicating at least 99% removal as documented in data transmittals from Chemours to NCDEQ.

5.2.3 PFAS Mass Removal

The flow rate data (monthly totals) and PFAS concentration data (monthly representative concentration per the monthly or quarterly samples) 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)
January	14.2	110,000	13.1
February	16.6	130,000	18.1
March	17.9	130,000	19.4
Q1 2025 Total	48.8	N/A	50.6

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

Monthly gauging events of 84 observation wells (OWs) were performed on January 29, February 18, and March 26, 2025. The hydraulic head monitoring network is shown in Figure 6-1. Construction details for monitoring and observation wells are provided in Table 4-1. In addition to these manual gauging events, transducers were also deployed in a network of 16 wells that comprise 6 transects that span across the barrier wall alignment. These transducers were deployed on March 8, 2023, during the final GWEC commissioning and about one week prior to the March 14, 2023 operational startup. The transducers record groundwater elevation every 15 minutes and are downloaded monthly. Finally, data 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 Performance Monitoring Plan (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 in Q3 2025, gauging will occur quarterly, and figures utilizing gauging data (transects, drawdown contours, and potentiometric surface maps) will be 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 January 7 and April 15, 2025[5]. Out of the 20 PMP wells, 17 were sampled in Q1 2025. PIW-10S, PIW-5SR, and OW-54 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 are sampled quarterly. 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). Except for PIW-1S, which was dry during sampling events, MLA wells were sampled from January 9 through 29, 2025.

Corrective Action Plan (CAP) wells to be sampled on an annual basis (Q3), were not sampled in Q1 2025.

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 Mass Loading Assessment Report series (Geosyntec, 2025b). Surface water sampling locations WC-1, WC-2, and WC-3 were sampled on January 7-8, 2025. The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+ and EPA Method 537 MOD.

Cape Fear River Surface Water

Surface water grab samples were collected on February 4, 2025 at four transects along the Cape Fear River. Each transect consisted of three sampling locations, for a total of 12 sampling points. The sampling program was in accordance with the *Final NPDES Permit for Outfall 004* (Permit: NC0090042). The collected samples were sent to Eurofins TestAmerica Laboratories for analysis by Table 3+. From March 2020 through December 2023, sampling under this permit was performed 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

[5] Well PIW-4D was sampled on April 15, 2025. The remaining wells were sampled by February 3, 2025.

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 Table 3+.

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) includes 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 to 2020) to calculate the corresponding percentile values and to show whether those gauging events were performed on relatively high or low river conditions. As shown below, the three gauging events in this period included a high-river event in February (83rd percentile) and two near-average events in January (44th percentile) and March (60th percentile).

Date	Type	Average River Level During Gauging Event (ft NAVD88)	Percentile (Gauging Event River Level compared to Historical Dataset)
8/4/2022	Baseline (dry summer)	30.38	52%
8/17/2022	Baseline (dry summer)	29.80	37%
1/30/2023	Baseline (wet winter)	32.50	79%
1/29/2025	Post-Startup (Q1 2025)	30.03	44%
2/18/2025	Post-Startup (Q1 2025)	32.97	83%
3/26/2025	Post-Startup (Q1 2025)	30.76	60%

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-D, 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 greyscale[6]) compared to the January, February, and March gauging events (in green, blue, and red, respectively). Consistent with previous reports, the data for the three events demonstrate that the gradients in these downgradient sections have reduced (i.e., flattened) significantly.

[6] 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 Q1 2025 (around 40.5 ft NAVD88), indicating a significant reduction in gradient in this area.

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 available) have largely been deployed to the downgradient area. These transects show a similar result to the manually constructed transects using gauging data in Figure 6-2A-D, demonstrating that the gradients in these downgradient sections have reduced (i.e., flattened) significantly.

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) did not rise above flood stage levels during the reporting period. Therefore, figures comparing Willis Creek surface water elevation and groundwater elevation in Willis Creek EWs were not developed for this Report. Previous reports have demonstrated Black Creek aquifer connectivity with Willis Creek surface water and that rising water levels were seen together in Willis Creek and Willis Creek EWs.

3b. Hydraulic Containment of Willis Creek Black Creek Aquifer

Groundwater elevations upgradient of the Willis Creek remedy alignment have been assessed to evaluate if natural fluctuations in the Black Creek Aquifer should be considered when calculating observed drawdown in the EWs. Seven monitoring wells (BCA-01, OW-01, OW-10, PIW-2D, PW-09, SMW-03B, and SMW-10) were evaluated for this analysis. As shown in Figure 6-4, since January 2023 (the baseline event utilized in the EW drawdown analysis), Black Creek Aquifer water levels in these wells have been consistent. Therefore, no manual corrections of the EW drawdown have been performed.

Groundwater elevation differences relative to January 2023 are shown for the reporting period gauging events in Figure 6-5A-C. Consistent with previous reports, the largest reduction of groundwater elevation relative to January 2023 occurred in the midsection of the Northern Alignment between EW-05 and EW-06. Across the three gauging events, similar elevation difference and its distribution pattern was observed. Between 6 ft and 8 ft of drawdown was observed around EW-05 and EW-06.

Laterally along the alignment north of EW-05 and south of EW-06, elevation reductions between about 2 ft and 8 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.

Potentiometric contour maps are provided for gauging events from January through March 2025 in Figure 6-6A-C. 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 maps Figure 6-6A-C. 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 6-7A-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 D. 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 (Geosyntec, 2025c).

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 6-7A-C (along with the downgradient groundwater PFAS data). Laboratory analytical reports for Willis Creek are compiled in Appendix A.

A mass discharge analysis is provided in Table 6-5 to evaluate mass loading into Willis Creek from sample locations WC-2 to WC-1. A complementary analysis evaluating the relationship between PFAS and flow rate in Willis Creek at location WC-1 is provided in Figure 6-8, 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 6-8 indicates the average mass discharge post-startup at WC-1 is approximately 50% less than 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 6-9. The results of the three indicator compounds (HFPO-DA, PFMOAA, and PMPA) are shown in Figure 6-10. The transects for February 2025 were collected during periods of relatively moderate river flow ranging between 3,320 to 3,980 cubic feet per second (cfs). HFPO-DA was observed in one sampling location each of Transect 2 and Transect 4. PFMOAA was observed in one sampling location each of Transect 2 and Transect 3, and in all four sampling locations of Transect 4. PMPA indicator compound was 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 6-11) provide a mixed river location and take both flow and concentration into account. As shown, the mass discharges have decreased and remain lower than the mass discharges before Q3 2021, which corresponds to the time when the Outfall 003 treatment system, FTCs, and the groundwater extraction and barrier wall remedies were installed and operating.

7 SUMMARY

This reporting period (January 1 to March 31, 2025) included the operation of the interim FTCs, Ex-Situ Capture Systems, GWEC, and GWTP remedy components. The table below summarizes the flow capture and the Table 3+ (17 compounds) PFAS removal for each remedy element.

Remedy Element	Reporting Period (Jan - Mar 2025)		Cumulative through March 2025*	
	Flow Captured/ Treated (MG)	Mass Removed (lbs)	Flow Captured/ Treated (MG)	Mass Removed (lbs)
004 Treatment Plant	48.8	50.6	444.5	516.8
Ex-Situ Capture Systems	*12.6*	*Included in 004*	*56.1*	*Included in 004*
GWEC	*42.5*	*Included in 004*	*404.8*	*Included in 004*
Interim FTCs	2.6	0.5	435.0	552.2
Total (004 + Interim FTCs)**	**51.4**	**51.1**	**879.5**	**1,069.0**

**Cumulative values reflect the lifetime operation of each remedy component (e.g., since December 2020 for Interim FTC Seep C). Please note that some previous reports have reported the total mass removed of 20 Compounds. Mass removal in this report for all remedy components is reported as 17 Compounds.*
***Differences in flow totals are attributable to the measurement resolution of flow meters on the different remedy systems as well as storage time in the surge pond, break tank, and other components. The calculated total influent of the Ex-Situ Capture Systems and GWEC system above is 55.1 MG for Q1 2025. The total influent as measured by Veolia's flow meter was 50.4 MG. The total effluent measured by Veolia's flow meter was 48.8 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 Q1 2025 was 330 gpm. The 12-month rolling average of GWEC flow rate covering April 2024 through March 2025 is approximately 329 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 PFAS[7] from the combined flow of the GWEC and Ex-Situ Capture Systems.

Performance monitoring activities, including hydraulic head monitoring and surface water sampling, are also documented in this Report. Similar to the previous reporting period, performance monitoring indicates that the GWEC system has resulted in a reduction in hydraulic gradient between the barrier wall and the Cape Fear River, thus reducing groundwater PFAS flux

[7] As measured by indicator parameters hexafluoropropylene oxide dimer (HFPO-DA), perfluoromethoxypropyl carboxylic acid (PMPA), and perfluoro-2-methoxyaceticacid (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 (Geosyntec, 2025c).

Collectively, the Willis Creek EWs are exerting drawdown of the Black Creek aquifer along the length of the alignment, particularly in the midsection, with nearly 8 ft of groundwater elevation reduction measured in monitoring wells. 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 post-startup mass discharge to the Cape Fear River is estimated to be approximately 50% less than 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 Q1 2025, the monthly average was 0.87 MG (an approximate 94% decrease). Batch mode processing has been necessary in order to maintain treatment efficiency at the reduced flow rates. During dry weather, with the FTCs offline, the impoundment elevations at the FTCs either remain stagnant or decrease, indicating that the long-term remedy components have eliminated the observable dry weather flow. As the FTCs now treat predominately rainwater mixed with stagnant residual groundwater, the concentration of PFAS in the influent has also decreased. Between July 2021 and June 2023, the average influent PFAS concentration (Total Table 3+, 17 compounds) across the four FTCs was approximately 150,300 ng/L; between January and March 2025, it was 17,200 ng/L (an approximate 89% 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.

8 REFERENCES

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Tables

Table 1-1
Summary of Sampling and Monitoring Activities
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Remedy Component	Sampling and Monitoring Activities in Reporting Period
In-Situ Seep Flow-Through Cells (FTCs)	▪ During prolonged no-flow conditions, the FTCs were generally operated in batch mode (closed to flow) and thus there is no process flow to sample. The FTCs were opened to flow as needed to manage accumulated water in the impoundments. When open to flow, 24-hour composite samples were collected for performance monitoring, water quality was monitored and sampled in the same 24-hour period as the performance monitoring interval, and weekly grab samples for breakthrough monitoring were collected.
Ex-Situ Seeps and Weeps Capture	▪ Flow rates and totalized flow every 15 minutes from each capture system
Groundwater Extraction	▪ Extraction well operational data (flow, pressure, motor speed, and water level) every 15 minutes
004 Treatment Plant	▪ Weekly grab sampling of effluent for PFAS indicator compounds HFPO-DA, PFMOAA, and PMPA ▪ Monthly grab sampling of influent and effluent for Table 3+ ▪ Quarterly grab sampling of influent and effluent for Table 3+ and EPA Method 537 MOD ▪ Various other parameters required per the NPDES permit and reported in the eDMR, but not reproduced here
Performance Evaluation	▪ Monthly water level gauging ▪ Quarterly surface water PFAS sampling at four transects of the Cape Fear River ▪ Quarterly PFAS sampling of Willis Creek (WC) stations WC-1, 2, 3 ▪ PFAS sampling of downgradient monitoring wells under the MLA (quarterly) and PMP (semi-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
PMP - Performance Monitoring Plan
eDMR - electronic Discharge Monitoring Report
HFPO-DA - hexafluoropropylene oxide-dimer acid
PMPA - perfluoro-2-methoxypropionic acid
NPDES - National Pollutant Discharge Elimination System
MLA - Mass Loading Assessment

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #9 (Jan - Mar 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	
01/02/2025	1,346	No			Batch Mode		Batch Mode		N/A
01/03/2025	1,347	No			Batch Mode		Batch Mode		N/A
01/06/2025	1,350	No			Batch Mode		Batch Mode		N/A
01/07/2025	1,351	No			Batch Mode		Batch Mode		N/A
01/08/2025	1,352	No			Batch Mode		Batch Mode		N/A
01/09/2025	1,353	No			Batch Mode		Batch Mode		N/A
01/10/2025	1,354	No			Batch Mode		Batch Mode		N/A
01/13/2025	1,357	No			Batch Mode		Batch Mode		N/A
01/14/2025	1,358	No			Batch Mode		Batch Mode		N/A
01/15/2025	1,359	No			Batch Mode		Batch Mode		N/A
01/16/2025	1,360	No			Batch Mode		Batch Mode		N/A
01/17/2025	1,361	No			Batch Mode		Batch Mode		N/A
01/20/2025	1,364	No			Batch Mode		Batch Mode		N/A
01/21/2025	1,365	No			Batch Mode		Batch Mode		N/A
01/22/2025	1,366	No			Batch Mode		Batch Mode		N/A
01/23/2025	1,367	No			Batch Mode		Batch Mode		N/A
01/24/2025	1,368	No			Batch Mode		Batch Mode		N/A
01/27/2025	1,371	No			Batch Mode		Batch Mode		N/A
01/28/2025	1,372	No			Batch Mode		Batch Mode		N/A
01/29/2025	1,373	No			Batch Mode		Batch Mode		N/A
01/31/2025	1,375	No			Batch Mode		Batch Mode		N/A
02/03/2025	1,378	No			Batch Mode		Batch Mode		N/A
02/04/2025	1,379	No			Batch Mode		Batch Mode		N/A
02/05/2025	1,380	No			Batch Mode		Batch Mode		N/A
02/06/2025	1,381	No			Batch Mode		Batch Mode		N/A
02/07/2025	1,382	No			Batch Mode		Batch Mode		N/A
02/10/2025	1,385	No			Batch Mode		Batch Mode		N/A
02/11/2025	1,386	No			Batch Mode		Batch Mode		N/A
02/12/2025	1,387	No			Batch Mode		Batch Mode		N/A
02/13/2025	1,388	No			Batch Mode		Batch Mode		N/A
02/14/2025	1,389	No			Batch Mode		Batch Mode		N/A
02/17/2025	1,392	Yes			Batch Mode		Series		Opened inlet and mid valves.
02/18/2025	1,393	No		X	Series		Batch Mode		Closed inlet and mid valves.
02/19/2025	1,394	No			Batch Mode		Batch Mode		N/A
02/20/2025	1,395	No			Batch Mode		Batch Mode		N/A
02/21/2025	1,396	No			Batch Mode		Batch Mode		N/A
02/24/2025	1,399	No			Batch Mode		Batch Mode		N/A
02/26/2025	1,401	No			Batch Mode		Batch Mode		N/A
02/27/2025	1,402	No			Batch Mode		Batch Mode		N/A
02/28/2025	1,403	No			Batch Mode		Batch Mode		N/A

Table 2-1A
FTC Operations and Maintenance Summary - Seep A
Quarterly Report #9 (Jan - Mar 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	
03/03/2025	1,406	No			Batch Mode		Batch Mode		Pumped water into cell.
03/04/2025	1,407	No			Batch Mode		Batch Mode		Pumped water into cell.
03/05/2025	1,408	No			Batch Mode		Batch Mode		Pumped water into cell.
03/06/2025	1,409	No		X	Batch Mode		Batch Mode		Pumped water into cell.
03/07/2025	1,410	No			Batch Mode		Batch Mode		N/A
03/08/2025	1,411	No			Batch Mode		Batch Mode		N/A
03/09/2025	1,412	No			Batch Mode		Batch Mode		N/A
03/10/2025	1,413	No			Batch Mode		Batch Mode		N/A
03/11/2025	1,414	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/12/2025	1,415	No		X	Series		Series		Skimmed and fluffed FB1.
03/13/2025	1,416	No			Series		Batch Mode		Closed inlet and mid valves.
03/14/2025	1,417	No			Batch Mode		Batch Mode		N/A
03/15/2025	1,418	No			Batch Mode		Batch Mode		N/A
03/16/2025	1,419	No			Batch Mode		Batch Mode		N/A
03/17/2025	1,420	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/18/2025	1,421	No		X	Series		Series		N/A
03/19/2025	1,422	No		X	Series		Series		N/A
03/20/2025	1,423	No			Series		Series		N/A
03/21/2025	1,424	No			Series		Series		Skimmed and fluffed FB1.
03/22/2025	1,425	No			Series		Series		N/A
03/23/2025	1,426	No			Series		Series		N/A
03/24/2025	1,427	No			Series		Batch Mode		Closed inlet and mid valves.
03/25/2025	1,428	No			Batch Mode		Batch Mode		N/A
03/26/2025	1,429	No			Batch Mode		Batch Mode		N/A
03/27/2025	1,430	No			Batch Mode		Batch Mode		N/A
03/28/2025	1,431	No			Batch Mode		Batch Mode		N/A
03/29/2025	1,432	No			Batch Mode		Batch Mode		N/A
03/30/2025	1,433	No			Batch Mode		Batch Mode		N/A
03/31/2025	1,434	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 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #9 (Jan - Mar 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	
01/02/2025	1,305	No			Batch Mode		Batch Mode		N/A
01/03/2025	1,306	No			Batch Mode		Batch Mode		N/A
01/06/2025	1,309	No			Batch Mode		Batch Mode		N/A
01/07/2025	1,310	No			Batch Mode		Batch Mode		N/A
01/08/2025	1,311	No			Batch Mode		Batch Mode		N/A
01/09/2025	1,312	No			Batch Mode		Batch Mode		N/A
01/10/2025	1,313	No			Batch Mode		Batch Mode		N/A
01/13/2025	1,316	No			Batch Mode		Batch Mode		N/A
01/14/2025	1,317	No			Batch Mode		Batch Mode		N/A
01/15/2025	1,318	No			Batch Mode		Batch Mode		N/A
01/16/2025	1,319	No			Batch Mode		Batch Mode		N/A
01/17/2025	1,320	No			Batch Mode		Batch Mode		N/A
01/20/2025	1,323	No			Batch Mode		Batch Mode		N/A
01/21/2025	1,324	No			Batch Mode		Batch Mode		N/A
01/22/2025	1,325	No			Batch Mode		Batch Mode		N/A
01/23/2025	1,326	No			Batch Mode		Batch Mode		N/A
01/24/2025	1,327	No			Batch Mode		Batch Mode		N/A
01/27/2025	1,330	No			Batch Mode		Batch Mode		N/A
01/28/2025	1,331	No			Batch Mode		Batch Mode		N/A
01/29/2025	1,332	No			Batch Mode		Batch Mode		N/A
01/31/2025	1,334	No			Batch Mode		Batch Mode		N/A
02/03/2025	1,337	No			Batch Mode		Batch Mode		N/A
02/04/2025	1,338	No			Batch Mode		Batch Mode		N/A
02/05/2025	1,339	No			Batch Mode		Batch Mode		N/A
02/06/2025	1,340	No			Batch Mode		Batch Mode		N/A
02/10/2025	1,344	No			Batch Mode		Batch Mode		N/A
02/11/2025	1,345	No			Batch Mode		Batch Mode		N/A
02/12/2025	1,346	No			Batch Mode		Batch Mode		N/A
02/13/2025	1,347	No			Batch Mode		Batch Mode		N/A
02/14/2025	1,348	No			Batch Mode		Batch Mode		N/A
02/17/2025	1,351	No			Batch Mode		Batch Mode		N/A
02/18/2025	1,352	No			Batch Mode		Batch Mode		N/A
02/19/2025	1,353	No			Batch Mode		Batch Mode		N/A
02/20/2025	1,354	No			Batch Mode		Batch Mode		N/A
02/21/2025	1,355	No			Batch Mode		Batch Mode		N/A
02/24/2025	1,358	No			Batch Mode		Batch Mode		N/A
02/26/2025	1,360	No			Batch Mode		Batch Mode		N/A
02/27/2025	1,361	No			Batch Mode		Batch Mode		N/A
02/28/2025	1,362	No			Batch Mode		Batch Mode		N/A

Table 2-1B
FTC Operations and Maintenance Summary - Seep B
Quarterly Report #9 (Jan - Mar 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	
03/03/2025	1,365	No			Batch Mode		Batch Mode		N/A
03/04/2025	1,366	No			Batch Mode		Batch Mode		N/A
03/05/2025	1,367	No			Batch Mode		Batch Mode		N/A
03/06/2025	1,368	No			Batch Mode		Batch Mode		N/A
03/07/2025	1,369	No			Batch Mode		Batch Mode		N/A
03/08/2025	1,370	No			Batch Mode		Batch Mode		N/A
03/09/2025	1,371	No			Batch Mode		Batch Mode		N/A
03/10/2025	1,372	No			Batch Mode		Batch Mode		N/A
03/11/2025	1,373	No			Batch Mode		Batch Mode		N/A
03/12/2025	1,374	No			Batch Mode		Batch Mode		N/A
03/13/2025	1,375	No			Batch Mode		Batch Mode		N/A
03/14/2025	1,376	No			Batch Mode		Batch Mode		N/A
03/15/2025	1,377	No			Batch Mode		Batch Mode		N/A
03/16/2025	1,378	No			Batch Mode		Batch Mode		N/A
03/17/2025	1,379	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/18/2025	1,380	No		X	Series		Batch Mode		Closed inlet and mid valves.
03/19/2025	1,381	No			Batch Mode		Batch Mode		N/A
03/20/2025	1,382	No			Batch Mode		Batch Mode		N/A
03/21/2025	1,383	No			Batch Mode		Batch Mode		N/A
03/22/2025	1,384	No			Batch Mode		Batch Mode		N/A
03/23/2025	1,385	No			Batch Mode		Batch Mode		N/A
03/24/2025	1,386	No			Batch Mode		Batch Mode		N/A
03/25/2025	1,387	No			Batch Mode		Batch Mode		N/A
03/26/2025	1,388	No			Batch Mode		Batch Mode		N/A
03/27/2025	1,389	No			Batch Mode		Batch Mode		N/A
03/28/2025	1,390	No			Batch Mode		Batch Mode		N/A
03/29/2025	1,391	No			Batch Mode		Batch Mode		N/A
03/30/2025	1,392	No			Batch Mode		Batch Mode		N/A
03/31/2025	1,393	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 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #9 (Jan - Mar 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	
01/02/2025	1,479	No			Batch Mode		Batch Mode		N/A
01/03/2025	1,480	No			Batch Mode		Batch Mode		N/A
01/06/2025	1,483	No			Batch Mode		Batch Mode		N/A
01/07/2025	1,484	No			Batch Mode		Batch Mode		N/A
01/08/2025	1,485	No		X	Batch Mode		Batch Mode		Skimmed and fluffed FB2.
01/09/2025	1,486	No			Batch Mode		Batch Mode		N/A
01/10/2025	1,487	No			Batch Mode		Batch Mode		N/A
01/13/2025	1,490	No			Batch Mode		Batch Mode		N/A
01/14/2025	1,491	No			Batch Mode		Batch Mode		Pumped water into cell.
01/15/2025	1,492	No			Batch Mode		Batch Mode		N/A
01/16/2025	1,493	No			Batch Mode		Batch Mode		N/A
01/17/2025	1,494	No			Batch Mode		Batch Mode		N/A
01/20/2025	1,497	No			Batch Mode		Batch Mode		Pumped water into cell.
01/21/2025	1,498	No			Batch Mode		Series		Opened inlet and mid valves.
01/22/2025	1,499	No		X	Series		Series		N/A
01/23/2025	1,500	No			Series		Batch Mode		Closed inlet and mid valves.
01/24/2025	1,501	No			Batch Mode		Batch Mode		N/A
01/27/2025	1,504	No			Batch Mode		Series		Opened inlet and mid valves.
01/28/2025	1,505	No		X	Series		Series		Skimmed and fluffed FB2.
01/29/2025	1,506	No			Series		Batch Mode		Closed inlet and mid valves.
01/30/2025	1,507	No			Batch Mode		Batch Mode		N/A
02/03/2025	1,511	No			Batch Mode		Batch Mode		N/A
02/04/2025	1,512	No			Batch Mode		Batch Mode		Pumped water into cell.
02/05/2025	1,513	No			Batch Mode		Batch Mode		N/A
02/06/2025	1,514	No		X	Batch Mode		Batch Mode		Pumped water into cell.
02/07/2025	1,515	No			Batch Mode		Batch Mode		N/A
02/10/2025	1,518	No			Batch Mode		Batch Mode		N/A
02/11/2025	1,519	No			Batch Mode		Batch Mode		N/A
02/12/2025	1,520	No			Batch Mode		Batch Mode		N/A
02/13/2025	1,521	No			Batch Mode		Series		Pumped water into cell. Opened inlet and mid valves.
02/14/2025	1,522	No		X	Series		Series		N/A
02/17/2025	1,525	Yes			Series		Series		Skimmed and fluffed FB2.
02/18/2025	1,526	No		X	Series		Batch Mode		Closed inlet and mid valves.
02/19/2025	1,527	No			Batch Mode		Batch Mode		N/A
02/20/2025	1,528	Yes			Batch Mode		Series		Opened inlet and mid valves.
02/21/2025	1,529	No		X	Series		Series		N/A
02/24/2025	1,532	No			Series		Batch Mode		Closed inlet and mid valves.
02/26/2025	1,534	No			Batch Mode		Batch Mode		N/A
02/27/2025	1,535	No			Batch Mode		Batch Mode		Skimmed and fluffed FB2.
02/28/2025	1,536	No			Batch Mode		Batch Mode		N/A

Table 2-1C
FTC Operations and Maintenance Summary - Seep C
Quarterly Report #9 (Jan - Mar 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	
03/03/2025	1,539	No			Batch Mode		Batch Mode		N/A
03/04/2025	1,540	No			Batch Mode		Batch Mode		N/A
03/05/2025	1,541	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/06/2025	1,542	No		X	Series		Series		N/A
03/07/2025	1,543	No			Series		Batch Mode		Closed inlet and mid valves.
03/08/2025	1,544	No			Batch Mode		Batch Mode		N/A
03/09/2025	1,545	No			Batch Mode		Batch Mode		N/A
03/10/2025	1,546	No			Batch Mode		Batch Mode		N/A
03/11/2025	1,547	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/12/2025	1,548	No		X	Series		Series		N/A
03/13/2025	1,549	No			Series		Series		Skimmed and fluffed FB2.
03/14/2025	1,550	No		X	Series		Batch Mode		Closed inlet and mid valves.
03/15/2025	1,551	No			Batch Mode		Batch Mode		N/A
03/16/2025	1,552	No			Batch Mode		Batch Mode		N/A
03/17/2025	1,553	Yes			Batch Mode		Series		Opened inlet and mid valves.
03/18/2025	1,554	No		X	Series		Series		N/A
03/19/2025	1,555	No		X	Series		Series		N/A
03/20/2025	1,556	No			Series		Series		N/A
03/21/2025	1,557	No			Series		Series		Skimmed and fluffed FB2.
03/22/2025	1,558	No			Series		Series		N/A
03/23/2025	1,559	No			Series		Series		N/A
03/24/2025	1,560	No			Series		Batch Mode		Closed inlet and mid valves.
03/25/2025	1,561	No			Batch Mode		Batch Mode		N/A
03/26/2025	1,562	No			Batch Mode		Batch Mode		N/A
03/27/2025	1,563	No			Batch Mode		Batch Mode		N/A
03/28/2025	1,564	No			Batch Mode		Batch Mode		N/A
03/29/2025	1,565	No			Batch Mode		Batch Mode		N/A
03/30/2025	1,566	No			Batch Mode		Batch Mode		N/A
03/31/2025	1,567	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 #9 (Jan - Mar 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	
01/02/2025	1,289	No			Batch Mode		Batch Mode		N/A
01/03/2025	1,290	No			Batch Mode		Batch Mode		N/A
01/06/2025	1,293	No			Batch Mode		Batch Mode		N/A
01/07/2025	1,294	No			Batch Mode		Batch Mode		N/A
01/08/2025	1,295	No			Batch Mode		Batch Mode		N/A
01/09/2025	1,296	No			Batch Mode		Batch Mode		N/A
01/10/2025	1,297	No			Batch Mode		Batch Mode		N/A
01/13/2025	1,300	No			Batch Mode		Batch Mode		N/A
01/14/2025	1,301	No			Batch Mode		Batch Mode		N/A
01/15/2025	1,302	No			Batch Mode		Batch Mode		N/A
01/16/2025	1,303	No			Batch Mode		Batch Mode		N/A
01/17/2025	1,304	No			Batch Mode		Batch Mode		N/A
01/20/2025	1,307	No			Batch Mode		Batch Mode		N/A
01/21/2025	1,308	No			Batch Mode		Batch Mode		N/A
01/22/2025	1,309	No			Batch Mode		Batch Mode		N/A
01/23/2025	1,310	No			Batch Mode		Batch Mode		N/A
01/24/2025	1,311	No			Batch Mode		Batch Mode		N/A
01/27/2025	1,314	No			Batch Mode		Batch Mode		N/A
01/28/2025	1,315	No			Batch Mode		Batch Mode		N/A
01/29/2025	1,316	No			Batch Mode		Batch Mode		N/A
01/30/2025	1,317	No			Batch Mode		Batch Mode		N/A
02/03/2025	1,321	No			Batch Mode		Batch Mode		N/A
02/04/2025	1,322	No			Batch Mode		Batch Mode		N/A
02/05/2025	1,323	No			Batch Mode		Batch Mode		N/A
02/06/2025	1,324	No			Batch Mode		Batch Mode		N/A
02/07/2025	1,325	No			Batch Mode		Batch Mode		N/A
02/10/2025	1,328	No			Batch Mode		Batch Mode		N/A
02/11/2025	1,329	No			Batch Mode		Batch Mode		N/A
02/12/2025	1,330	No			Batch Mode		Batch Mode		N/A
02/13/2025	1,331	No			Batch Mode		Batch Mode		N/A
02/14/2025	1,332	No			Batch Mode		Batch Mode		N/A
02/17/2025	1,335	No			Batch Mode		Batch Mode		N/A
02/18/2025	1,336	No			Batch Mode		Batch Mode		N/A
02/19/2025	1,337	No			Batch Mode		Batch Mode		N/A
02/20/2025	1,338	No			Batch Mode		Batch Mode		N/A
02/21/2025	1,339	No			Batch Mode		Batch Mode		N/A
02/24/2025	1,342	No			Batch Mode		Batch Mode		N/A
02/26/2025	1,344	No			Batch Mode		Changeout	Closed	Carbon changeout.
02/27/2025	1,345	No			Batch Mode		Batch Mode		N/A
02/28/2025	1,346	No			Batch Mode		Batch Mode		N/A

Table 2-1D
FTC Operations and Maintenance Summary - Seep D
Quarterly Report #9 (Jan - Mar 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	
03/03/2025	1,349	No			Batch Mode		Batch Mode		N/A
03/04/2025	1,350	No			Batch Mode		Batch Mode		N/A
03/05/2025	1,351	No			Batch Mode		Batch Mode		N/A
03/06/2025	1,352	No			Batch Mode		Batch Mode		N/A
03/07/2025	1,353	No			Batch Mode		Batch Mode		N/A
03/08/2025	1,354	No			Batch Mode		Batch Mode		N/A
03/09/2025	1,355	No			Batch Mode		Batch Mode		N/A
03/10/2025	1,356	No			Batch Mode		Batch Mode		N/A
03/11/2025	1,357	No			Batch Mode		Batch Mode		N/A
03/12/2025	1,358	No			Batch Mode		Batch Mode		N/A
03/13/2025	1,359	No			Batch Mode		Batch Mode		N/A
03/14/2025	1,360	No			Batch Mode		Batch Mode		N/A
03/15/2025	1,361	No			Batch Mode		Batch Mode		N/A
03/16/2025	1,362	No			Batch Mode		Batch Mode		N/A
03/17/2025	1,363	No			Batch Mode		Batch Mode		N/A
03/18/2025	1,364	No			Batch Mode		Batch Mode		N/A
03/19/2025	1,365	No			Batch Mode		Batch Mode		N/A
03/20/2025	1,366	No			Batch Mode		Batch Mode		N/A
03/21/2025	1,367	No			Batch Mode		Batch Mode		N/A
03/22/2025	1,368	No			Batch Mode		Batch Mode		N/A
03/23/2025	1,369	No			Batch Mode		Batch Mode		N/A
03/24/2025	1,370	No			Batch Mode		Batch Mode		N/A
03/25/2025	1,371	No			Batch Mode		Batch Mode		N/A
03/26/2025	1,372	No			Batch Mode		Batch Mode		N/A
03/27/2025	1,373	No			Batch Mode		Batch Mode		N/A
03/28/2025	1,374	No			Batch Mode		Batch Mode		N/A
03/29/2025	1,375	No			Batch Mode		Batch Mode		N/A
03/30/2025	1,376	No			Batch Mode		Batch Mode		N/A
03/31/2025	1,377	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 2-2
Local Precipitation Statistics
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Precipitation (inches)	
Current Reporting Period (January - March 2025)	8.97
Current Reporting Period Historical Average (January - March 2004-2020) [2]	7.96
2025 Year-to-Date	8.97
Historical Year-to-Date Average (2004-2020) [2]	7.96
Historical Annual Average (2004-2020) [2]	43.44

Notes:

1 - Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam. For March 24-31, 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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-24-021825	February 17 - February 18, 2025	February 18, 2025
SEEP-A-EFFLUENT-24-021825		
SEEP-A-INFLUENT-24-030625	March 5 - March 6, 2025	March 6, 2025
SEEP-A-EFFLUENT-24-030625		
SEEP-A-INFLUENT-24-031225	March 11 - March 12, 2025	March 12, 2025
SEEP-A-EFFLUENT-24-031225		
SEEP-A-INFLUENT-24-031825	March 17 - March 18, 2025	March 18, 2025
SEEP-A-EFFLUENT-24-031825		
SEEP-A-INFLUENT-24-031925	March 18 - March 19, 2025	March 19, 2025
SEEP-A-EFFLUENT-24-031925		

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-B-INFLUENT-24-031825	March 17 - March 18, 2025	March 18, 2025
SEEP-B-EFFLUENT-24-031825		

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 2-3C
FTC Sampling Summary - Seep C
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-12-010825	January 7 - January 8, 2025	January 8, 2025
SEEP-C-EFFLUENT-12-010825		
SEEP-C-INFLUENT-24-012225	January 21 - January 22, 2025	January 22, 2025
SEEP-C-EFFLUENT-24-012225		
SEEP-C-INFLUENT-24-012825	January 27 - January 28, 2025	January 28, 2025
SEEP-C-EFFLUENT-24-012825		
SEEP-C-INFLUENT-18-020625	January 31 - February 6, 2025	February 6, 2025
SEEP-C-EFFLUENT-18-020625		
SEEP-C-INFLUENT-24-021425	February 13 - February 14, 2025	February 14, 2025
SEEP-C-EFFLUENT-24-021425		
SEEP-C-INFLUENT-24-021825	February 17 - February 18, 2025	February 18, 2025
SEEP-C-EFFLUENT-24-021825		
SEEP-C-INFLUENT-24-022125	February 20 - February 21, 2025	February 21, 2025
SEEP-C-EFFLUENT-24-022125		
SEEP-C-INFLUENT-24-030625	March 5 - March 6, 2025	March 6, 2025
SEEP-C-EFFLUENT-24-030625		
SEEP-C-INFLUENT-24-031225	March 11 - March 12, 2025	March 12, 2025
SEEP-C-EFFLUENT-24-031225		
SEEP-C-INFLUENT-24-031425	March 13 - March 14, 2025	March 14, 2025
SEEP-C-EFFLUENT-24-031425		
SEEP-C-INFLUENT-24-031825	March 17 - March 18, 2025	March 18, 2025
SEEP-C-EFFLUENT-24-031825		
SEEP-C-INFLUENT-24-031925	March 18 - March 19, 2025	March 19, 2025
SEEP-C-EFFLUENT-24-031925		

Notes:

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

Table 2-3D
FTC Sampling Summary - Seep D
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
N/A	N/A	N/A

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 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-24-021825** Sample Date: 18-Feb-25	**SEEP-A-EFFLUENT-24-021825** Sample Date: 18-Feb-25	**Percent Removal**	**SEEP-A-INFLUENT-24-030625** Sample Date: 6-Mar-25	**SEEP-A-EFFLUENT-24-030625** Sample Date: 6-Mar-25	**Percent Removal**	**SEEP-A-INFLUENT-24-031225** Sample Date: 12-Mar-25	**SEEP-A-EFFLUENT-24-031225** Sample Date: 12-Mar-25	**Percent Removal**	**SEEP-A-INFLUENT-24-031825** Sample Date: 18-Mar-25	**SEEP-A-EFFLUENT-24-031825** Sample Date: 18-Mar-25	**Percent Removal**
Hfpo Dimer Acid	**6,100**	<2.0	>99.9%	**6,200**	<2.0	>99.9%	**5,300**	<2.0	>99.9%	**4,300**	<2.0	>99.9%
PFMOAA	**14,000**	**6.6**	>99.9%	**14,000**	**12**	99.9%	**7,800**	**6.4**	99.9%	**6,600**	**7.1**	99.9%
PFO2HxA	**9,400**	<2.0	>99.9%	**9,700**	<2.0	>99.9%	**6,000**	<2.0	>99.9%	**5,200**	<2.0	>99.9%
PFO3OA	**2,600**	<2.0	>99.9%	**2,900**	<2.0	>99.9%	**2,200**	<2.0	>99.9%	**1,700**	<2.0	>99.9%
PFO4DA	**1,100**	<2.0	>99.9%	**1,300**	<2.0	>99.9%	**930**	<2.0	>99.9%	**640**	<2.0	>99.9%
PFO5DA	**560**	<2.0	>99.9%	**630**	<2.0	>99.9%	**530**	<2.0	>99.9%	**260**	<2.0	>99.9%
PMPA	**5,500**	<10	>99.9%	**6,100**	<10	>99.9%	**3,500**	<10	>99.9%	**3,500**	<10	>99.9%
PEPA	**2,100**	<10	>99.9%	**2,500**	<10	>99.9%	**1,400**	<10	>99.9%	**1,400**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	**390**	<2.0	>99.9%	**64**	<2.0	>99.9%
Hydro-PS Acid	**230**	<2.0	>99.9%	**240**	<2.0	>99.9%	**220**	<2.0	>99.9%	**190**	<2.0	>99.9%
R-PSDA	**750 J**	<2.0	>99.9%	**400 J**	<2.0	>99.9%	**620 J**	<2.0	>99.9%	**370 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,500 J**	<2.0	>99.9%	**1,200 J**	<2.0	>99.9%	**1,700 J**	<2.0	>99.9%	**480 J**	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**240**	<2.0	>99.9%	**270**	<2.0	>99.9%	**220**	<2.0	>99.9%	**290**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	**180**	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**200**	<2.0	>99.9%	**220**	<2.0	>99.9%	**230**	<2.0	>99.9%	**130**	<2.0	>99.9%
R-EVE	**390 J**	<2.0	>99.9%	**270 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%	**210 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**42,000**	**6.6**	**>99.9%**	**44,000**	**12**	**>99.9%**	**29,000**	**6.4**	**>99.9%**	**24,000**	**7.1**	**>99.9%**

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

Table 2-4A
FTC Performance Monitoring Analytical Results - Seep A
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-A-INFLUENT-24-031925** Sample Date: 19-Mar-25	**SEEP-A-EFFLUENT-24-031925** Sample Date: 19-Mar-25	**Percent Removal**
Hfpo Dimer Acid	**5,400**	<2.0	>99.9%
PFMOAA	**8,500**	**9.7**	99.9%
PFO2HxA	**6,100**	<2.0	>99.9%
PFO3OA	**1,800**	<2.0	>99.9%
PFO4DA	**660**	<2.0	>99.9%
PFO5DA	**270**	<2.0	>99.9%
PMPA	**3,900**	<10	>99.9%
PEPA	**1,500**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%
Hydro-PS Acid	**190**	<2.0	>99.9%
R-PSDA	**490 J**	<2.0	>99.9%
Hydrolyzed PSDA	**670 J**	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%
NVHOS, Acid Form	**250**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%
Hydro-EVE Acid	**140**	<2.0	>99.9%
R-EVE	**290 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**29,000**	**9.7**	**>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
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 Compos
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-B-INFLUENT-24-031825** Sample Date: 18-Mar-25	**SEEP-B-EFFLUENT-24-031825** Sample Date: 18-Mar-25	**Percent Removal**
Hfpo Dimer Acid	**4,400**	**2.6**	99.9%
PFMOAA	**4,600**	**32**	99.3%
PFO2HxA	**3,300**	**5.2**	99.8%
PFO3OA	**840**	<2.0	>99.9%
PFO4DA	**250**	<2.0	>99.9%
PFO5DA	**85**	<2.0	>99.9%
PMPA	**5,100**	**11**	99.8%
PEPA	**2,300**	<10	>99.9%
PS Acid	**290**	<2.0	>99.9%
Hydro-PS Acid	**200**	<2.0	>99.9%
R-PSDA	**500 J**	<2.0	>99.9%
Hydrolyzed PSDA	**1,900 J**	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%
NVHOS, Acid Form	**370**	<2.0	>99.9%
EVE Acid	**240**	<2.0	>99.9%
Hydro-EVE Acid	**250**	<2.0	>99.9%
R-EVE	**410 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**22,000**	**51**	**99.8%**

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-12-010825** Sample Date: 8-Jan-25	**SEEP-C-EFFLUENT-12-010825** Sample Date: 8-Jan-25	**Percent Removal**	**SEEP-C-INFLUENT-24-012225** Sample Date: 22-Jan-25	**SEEP-C-EFFLUENT-24-012225** Sample Date: 22-Jan-25	**Percent Removal**	**SEEP-C-INFLUENT-24-012825** Sample Date: 28-Jan-25	**SEEP-C-EFFLUENT-24-012825** Sample Date: 28-Jan-25	**Percent Removal**	**SEEP-C-INFLUENT-18-020625** Sample Date: 6-Feb-25	**SEEP-C-EFFLUENT-18-020625** Sample Date: 6-Feb-25	**Percent Removal**
Hfpo Dimer Acid	**850**	<2.0	>99.9%	**980**	**2.0**	99.8%	**870**	**2.3**	99.7%	**850**	<2.0	>99.9%
PFMOAA	**2,900**	**19**	99.3%	**2,800**	**27**	99.0%	**2,700**	**23**	99.1%	**2,500**	**19**	99.2%
PFO2HxA	**1,400**	**2.4**	99.8%	**1,500**	**4.2**	99.7%	**1,300**	**4.3**	99.7%	**1,300**	**3.2**	99.8%
PFO3OA	**470**	<2.0	>99.9%	**440**	<2.0	>99.9%	**410**	<2.0	>99.9%	**440**	<2.0	>99.9%
PFO4DA	**220**	<2.0	>99.9%	**250**	<2.0	>99.9%	**230**	<2.0	>99.9%	**200**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**630**	<10	>99.9%	**630**	<10	>99.9%	<620	<10	>99.9%	<620	<10	>99.9%
PEPA	<250	<10	>99.9%	<250	<10	>99.9%	<250	<10	>99.9%	<250	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**58**	<2.0	>99.9%	**76**	<2.0	>99.9%	**69**	<2.0	>99.9%	**56**	<2.0	>99.9%
R-PSDA	**110 J**	<2.0	>99.9%	**130 J**	<2.0	>99.9%	**120 J**	<2.0	>99.9%	**270 J**	<2.0	>99.9%
Hydrolyzed PSDA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	<50	<2.0	>99.9%	<50	<2.0	>99.9%	**67**	<2.0	>99.9%	**62**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**100**	<2.0	>99.9%	**130**	<2.0	>99.9%	**100**	<2.0	>99.9%	**90**	<2.0	>99.9%
R-EVE	<72	<2.0	>99.9%	**130 J**	<2.0	>99.9%	**120 J**	<2.0	>99.9%	**260 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**6,600**	**21**	**99.7%**	**6,800**	**33**	**99.5%**	**5,700**	**30**	**99.5%**	**5,500**	**22**	**99.6%**

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

Table 2-4C
FTC Performance Monitoring Analytical Results - Seep C
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-021425** Sample Date: 14-Feb-25	**SEEP-C-EFFLUENT-24-021425** Sample Date: 14-Feb-25	**Percent Removal**	**SEEP-C-INFLUENT-24-021825** Sample Date: 18-Feb-25	**SEEP-C-EFFLUENT-24-021825** Sample Date: 18-Feb-25	**Percent Removal**	**SEEP-C-INFLUENT-24-022125** Sample Date: 21-Feb-25	**SEEP-C-EFFLUENT-24-022125** Sample Date: 21-Feb-25	**Percent Removal**	**SEEP-C-INFLUENT-24-030625** Sample Date: 6-Mar-25	**SEEP-C-EFFLUENT-24-030625** Sample Date: 6-Mar-25	**Percent Removal**
Hfpo Dimer Acid	**1,600**	**2.0**	99.9%	**2,100**	<2.0	>99.9%	**2,500**	<2.0	>99.9%	**1,500**	<2.0	>99.9%
PFMOAA	**2,700**	**27**	99.0%	**3,300**	**16**	99.5%	**3,300**	**12**	99.6%	**2,100**	**16**	99.2%
PFO2HxA	**1,700**	**5.6**	99.7%	**2,400**	<2.0	>99.9%	**2,600**	<2.0	>99.9%	**1,700**	**3.1**	99.8%
PFO3OA	**640**	<2.0	>99.9%	**1,000**	<2.0	>99.9%	**1,200**	<2.0	>99.9%	**840**	<2.0	>99.9%
PFO4DA	**290**	<2.0	>99.9%	**480**	<2.0	>99.9%	**520**	<2.0	>99.9%	**380**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**730**	<10	>99.9%	**1,100**	<10	>99.9%	**1,100**	<10	>99.9%	**730**	<10	>99.9%
PEPA	**260**	<10	>99.9%	**340**	<10	>99.9%	**370**	<10	>99.9%	**280**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**71**	<2.0	>99.9%	**120**	<2.0	>99.9%	**130**	<2.0	>99.9%	**89**	<2.0	>99.9%
R-PSDA	**210 J**	<2.0	>99.9%	**240 J**	<2.0	>99.9%	**260 J**	<2.0	>99.9%	**100 J**	<2.0	>99.9%
Hydrolyzed PSDA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**53**	<2.0	>99.9%	**64**	<2.0	>99.9%	**72**	<2.0	>99.9%	**110**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**170**	<2.0	>99.9%	**310**	<2.0	>99.9%	**360**	<2.0	>99.9%	**250**	<2.0	>99.9%
R-EVE	**160 J**	<2.0	>99.9%	**210 J**	<2.0	>99.9%	**170 J**	<2.0	>99.9%	**85 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**8,200**	**35**	**99.6%**	**11,000**	**16**	**99.9%**	**12,000**	**12**	**99.9%**	**8,000**	**19**	**99.8%**

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
Bold - Analyte detected above associated reporting limit.
J - Analyte detected. Reported value may not be accurate or precise.
ng/L - nanograms per liter
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**SEEP-C-INFLUENT-24-031225** Sample Date: 12-Mar-25	**SEEP-C-EFFLUENT-24-031225** Sample Date: 12-Mar-25	**Percent Removal**	**SEEP-C-INFLUENT-24-031425** Sample Date: 14-Mar-25	**SEEP-C-EFFLUENT-24-031425** Sample Date: 14-Mar-25	**Percent Removal**	**SEEP-C-INFLUENT-24-031825** Sample Date: 18-Mar-25	**SEEP-C-EFFLUENT-24-031825** Sample Date: 18-Mar-25	**Percent Removal**	**SEEP-C-INFLUENT-24-031925** Sample Date: 19-Mar-25	**SEEP-C-EFFLUENT-24-031925** Sample Date: 19-Mar-25	**Percent Removal**
Hfpo Dimer Acid	**2,100**	<2.0	>99.9%	**3,400**	<2.0	>99.9%	**2,600**	<2.0	>99.9%	**3,100**	<2.0	>99.9%
PFMOAA	**3,200**	**16**	99.5%	**4,700**	**15**	99.7%	**3,700**	**20**	99.5%	**4,200**	**18**	99.6%
PFO2HxA	**2,100**	**2.9**	99.9%	**3,300**	**2.6**	99.9%	**2,700**	**3.8**	99.9%	**3,100**	**3.3**	99.9%
PFO3OA	**970**	<2.0	>99.9%	**1,400**	<2.0	>99.9%	**1,100**	<2.0	>99.9%	**1,400**	<2.0	>99.9%
PFO4DA	**440**	<2.0	>99.9%	**650**	<2.0	>99.9%	**560**	<2.0	>99.9%	**620**	<2.0	>99.9%
PFO5DA	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%	<78	<2.0	>99.9%
PMPA	**980**	<10	>99.9%	**1,500**	<10	>99.9%	**1,200**	<10	>99.9%	**1,200**	<10	>99.9%
PEPA	**330**	<10	>99.9%	**530**	<10	>99.9%	**450**	<10	>99.9%	**450**	<10	>99.9%
PS Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-PS Acid	**120**	<2.0	>99.9%	**200**	<2.0	>99.9%	**160**	<2.0	>99.9%	**170**	<2.0	>99.9%
R-PSDA	**210 J**	<2.0	>99.9%	**280 J**	<2.0	>99.9%	**190 J**	<2.0	>99.9%	**300 J**	<2.0	>99.9%
Hydrolyzed PSDA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
R-PSDCA	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
NVHOS, Acid Form	**140**	<2.0	>99.9%	**170**	<2.0	>99.9%	**200**	<2.0	>99.9%	**140**	<2.0	>99.9%
EVE Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Hydro-EVE Acid	**290**	<2.0	>99.9%	**490**	<2.0	>99.9%	**400**	<2.0	>99.9%	**470**	<2.0	>99.9%
R-EVE	**160 J**	<2.0	>99.9%	**240 J**	<2.0	>99.9%	**200 J**	<2.0	>99.9%	**260 J**	<2.0	>99.9%
Perfluoro(2-ethoxyethane)sulfonic Acid	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA B	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
PFECA-G	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%	<50	<2.0	>99.9%
Total Table 3+ (17 compounds)[1,2]	**11,000**	**19**	**99.8%**	**16,000**	**18**	**99.9%**	**13,000**	**24**	**99.8%**	**15,000**	**21**	**99.9%**

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

Table 2-4D
FTC Performance Monitoring Analytical Results - Seep D
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3 + SOP (ng/ L)	**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 #9 (Jan - Mar 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]
2/18/2025	8.69	7.79	-0.90	5.94	7.14	1.20	392.01	344.01	-48.00	11.7	11.48	-0.2	15.2	0.52	-14.7	5.6 J	<1	-5.6
3/6/2025	10.04	10.24	0.20	5.06	6.01	0.95	368.86	306.39	-62.47	12.04	11.96	-0.08	4.29	0.9	-3.4	<1	<1	0
3/12/2025	11.32	11.6	0.3	4.83	5.78	0.95	218.43	196.12	-22.31	11.96	11.85	-0.11	73	3.13	-70	41 J	<1 UJ	-41
3/18/2025	11.55	11.78	0.23	4.64	6.03	1.39	235.86	188.95	-46.91	10.72	10.71	-0.01	26.1	10.1	-16.0	10 J	<1	-10
3/19/2025	10.14	10.09	-0.05	4	5.69	2	336.99	222.75	-114.24	13.92	14.01	0.09	4.91	1.51	-3.40	3.7	<1	-3.7
Average	*10.35*	*10.3*	*0.0*	*5*	*6.13*	*1*	*310.43*	*251.64*	*-58.79*	*12.1*	*12.00*	*-0.1*	*25*	*3.2*	*-21*	*12*	*0*	*-12*
Median	*10.14*	*10.2*	*0.1*	*5*	*6.01*	*1*	*336.99*	*222.75*	*-114.24*	*12.0*	*11.85*	*-0.1*	*15*	*1.5*	*-14*	*6*	*0*	*-6*

Notes:
1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
2 - Non-detect influent and effluent TSS sample results were assigned a value of zero for statistical calculations.
J - Analyte detected. Reported value may not be accurate or precise.
UJ - Analyte not detected. Reporting limit may not be accurate or precise
°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 #9 (Jan - Mar 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
3/18/2025	10.92	11.37	0.45	7.92	7.78	-0.14	112.25	110.03	-2.22	11.71	11.93	0.22	46	16.9	-29	48 J	4.9 J	-43.1

Notes:
1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
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 #9 (Jan - Mar 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
1/8/2025	11.14	10.46	-0.68	7.26	7.42	0.16	284.14	227.7	-56.4	13.01	12.88	-0.13	18.55	14.52	-4.03	10	3.8	-6
1/22/2025	9.39	10.59	1.20	6.79	7.17	0.38	304.94	249.67	-55.27	13.03	11.69	-1.34	33.5	22.8	-10.7	13 J	12 J	-1
1/28/2025	10.23	9.26	-0.97	8.03	8.11	0.08	494.63	337.03	-157.60	10.97	9.26	-1.71	30.85	9.81	-21.04	9.7	5.1	-4.6
2/6/2025[2]	3.54	9.51	5.97	8.81	8.1	-0.7	0.77	0.22	-0.55	17.72	17.61	-0.11	21.3	11.7	-9.6	16	5.0	-11
2/14/2025	5.95	9.22	3.27	8.68	8.48	-0.20	897.76	388.17	-509.59	13.21	11.17	-2.04	40.1	10.7	-29.4	16 J	5.5 J	-10.5
2/18/2025	9.04	9.72	0.68	7.6	7.8	0.2	231.33	214.18	-17.15	11.35	11.22	-0.13	150	47.3	-103	74 J	13 J	-61
2/21/2025	8.5	7.03	-1.5	7.85	8.1	0.3	236.99	276.29	39.30	16.87	17.37	0.50	67.6	27.2	-40.4	27	6.5	-20.5
3/6/2025	10.43	10.42	-0.01	6.67	6.92	0.25	182.2	183.92	1.7	11.44	11.67	0.23	190	55.1	-135	140	24	-116
3/12/2025	10.23	11.22	0.99	6.56	6.72	0.16	156.05	190.24	34.19	11.77	11	-1	51	16.3	-35	23 J	3.9 J	-19.1
3/14/2025	11.64	11.89	0.25	5.94	6.33	0.39	191.52	174.44	-17.08	11.14	11.17	0.03	25.1	7.95	-17.2	14	1.8 J	-12.2
3/18/2025	10.23	10.13	-0.10	8.76	7.68	-1.08	172.24	163.69	-8.55	12.8	12.14	-0.7	46.8	11.6	-35.2	23 J	2.5 J	-20.5
3/19/2025	9.84	9.97	0.13	6.68	7.02	0.34	192.14	189.36	-2.78	14.16	13.78	-0.38	33.8	4.28	-29.5	17	1.2 J	-15.8
Average	*9.2*	*9.95*	*0.8*	*7.5*	*7.5*	*0.0*	*278.7*	*216.2*	*-62.5*	*13.1*	*13*	*-1*	*59*	*19.9*	*-39*	*32*	*7*	*-25*
Median	*10.0*	*10.05*	*0.1*	*7.4*	*7.6*	*0.2*	*211.7*	*202.2*	*-9.5*	*12.9*	*12*	*-1*	*37*	*13.1*	*-24*	*17*	*5*	*-11*

Notes:
1 - TSS was measured by laboratory method SM 2540 D from grab samples collected concurrent with the performance samples.
2 - The specific conductance measurements on 2/6/2025 are potentially anomalous compared to historical trends, but have not been excluded from statistical calculations.
J - Analyte detected. Reported value may not be accurate or precise.
°C - degrees Celsius
DO - dissolved oxygen
FTC - flow through cell
mg/L - milligrams per liter
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 #9 (Jan - Mar 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 #9 (Jan - Mar 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)
Prior Total	15,465,247	2,849,554	11,876,244	1,120,419	4,963,752	36,275,216	43,552,796	
1/1/2025	15,479,364	2,851,225	11,888,864	1,122,048	4,973,978	36,315,479	57,934	43,610,730
1/2/2025	15,495,049	2,852,534	11,899,261	1,123,603	4,982,710	36,353,157	36,203	43,646,933
1/3/2025	15,509,422	2,854,096	11,908,192	1,124,906	4,992,792	36,389,408	42,749	43,689,682
1/4/2025	15,524,712	2,855,345	11,916,739	1,126,435	5,002,094	36,425,325	38,361	43,728,043
1/5/2025	15,538,846	2,856,690	11,924,837	1,127,709	5,011,378	36,459,460	32,111	43,760,154
1/6/2025	15,556,811	2,859,811	11,933,916	1,130,968	5,023,234	36,504,740	42,907	43,803,061
1/7/2025	15,572,253	2,861,266	11,953,322	1,130,981	5,031,851	36,549,673	60,612	43,863,673
1/8/2025	15,587,572	2,862,471	11,962,817	1,132,456	5,041,184	36,586,500	39,071	43,902,744
1/9/2025	15,600,914	2,863,535	11,971,545	1,133,741	5,050,489	36,620,224	33,532	43,936,276
1/10/2025	15,615,835	2,864,868	11,979,694	1,134,994	5,059,828	36,655,219	30,400	43,966,676
1/11/2025	15,644,383	2,870,926	12,004,234	1,136,722	5,072,635	36,728,900	74,622	44,041,298
1/12/2025	15,661,783	2,872,449	12,023,539	1,139,011	5,082,702	36,779,484	72,790	44,114,088
1/13/2025	15,676,572	2,873,924	12,034,884	1,140,598	5,092,079	36,818,057	44,437	44,158,526
1/14/2025	15,692,825	2,875,187	12,044,915	1,142,147	5,100,652	36,855,726	43,890	44,202,416
1/15/2025	15,705,864	2,876,552	12,053,880	1,143,441	5,109,229	36,888,966	42,614	44,245,030
1/16/2025	15,721,249	2,877,763	12,061,989	1,144,930	5,118,512	36,924,443	30,428	44,275,458
1/17/2025	15,735,471	2,879,136	12,071,177	1,146,236	5,127,798	36,959,818	33,889	44,309,347
1/18/2025	15,752,289	2,881,415	12,079,503	1,147,750	5,137,959	36,998,916	34,015	44,343,362
1/19/2025	15,773,304	2,886,176	12,097,105	1,149,440	5,151,859	37,057,884	63,373	44,406,735
1/20/2025	15,791,597	2,887,635	12,127,883	1,151,774	5,160,644	37,119,533	83,704	44,490,439
1/21/2025	15,804,929	2,889,035	12,137,716	1,153,327	5,169,289	37,154,296	59,081	44,549,520
1/22/2025	15,821,495	2,890,873	12,147,412	1,154,594	5,178,656	37,193,030	33,871	44,583,391
1/23/2025	15,835,712	2,892,415	12,159,097	1,156,223	5,188,015	37,231,462	51,995	44,635,386
1/24/2025	15,852,024	2,894,031	12,170,358	1,157,947	5,197,339	37,271,699	295,796	44,931,181
1/25/2025	15,867,967	2,895,565	12,182,011	1,159,222	5,206,507	37,311,272	311,940	45,243,121
1/26/2025	15,881,731	2,896,880	12,192,519	1,160,920	5,215,800	37,347,850	314,056	45,557,177
1/27/2025	15,916,270	2,905,889	12,204,648	1,162,477	5,232,859	37,422,143	212,021	45,769,199
1/28/2025	15,951,200	2,908,398	12,266,804	1,166,315	5,244,856	37,537,573	142,572	45,911,770
1/29/2025	15,966,271	2,910,078	12,280,602	1,168,273	5,255,147	37,580,371	136,002	46,047,772
1/30/2025	15,981,623	2,911,719	12,292,481	1,169,882	5,264,610	37,620,315	71,674	46,119,446
1/31/2025	15,995,731	2,913,173	12,302,978	1,171,459	5,274,638	37,657,979	141,580	46,261,026
January Total	530,484	63,619	426,734	51,040	310,886	1,382,763	2,708,230	

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #9 (Jan - Mar 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)
2/1/2025	16,013,166	2,915,128	12,315,312	1,173,295	5,284,081	37,700,982	128,657	46,389,683
2/2/2025	16,026,040	2,916,359	12,326,336	1,174,955	5,293,010	37,736,700	135,633	46,525,317
2/3/2025	16,041,282	2,917,980	12,335,763	1,176,497	5,302,031	37,773,553	119,698	46,645,015
2/4/2025	16,055,360	2,919,239	12,344,815	1,178,052	5,311,290	37,808,756	128,854	46,773,869
2/5/2025	16,070,438	2,920,614	12,353,631	1,180,244	5,320,499	37,845,426	134,453	46,908,322
2/6/2025	16,083,970	2,921,850	12,361,811	1,180,970	5,329,740	37,878,341	170,958	47,079,279
2/7/2025	16,100,890	2,923,261	12,370,378	1,183,908	5,338,244	37,916,681	142,623	47,221,902
2/8/2025	16,113,404	2,924,566	12,379,445	1,183,912	5,346,738	37,948,065	146,270	47,368,172
2/9/2025	16,128,876	2,925,983	12,388,398	1,183,915	5,356,364	37,983,536	143,433	47,511,605
2/10/2025	16,153,151	2,931,285	12,409,203	1,183,917	5,365,189	38,042,745	144,308	47,655,913
2/11/2025	16,170,044	2,934,451	12,421,484	1,189,979	5,375,481	38,091,439	147,083	47,802,996
2/12/2025	16,191,034	2,937,726	12,442,275	1,191,658	5,385,975	38,148,668	144,570	47,947,566
2/13/2025	16,225,241	2,944,381	12,459,284	1,193,536	5,399,179	38,221,621	142,804	48,090,370
2/14/2025	16,248,571	2,946,379	12,498,701	1,196,575	5,408,539	38,298,765	142,379	48,232,749
2/15/2025	16,262,867	2,948,322	12,511,353	1,198,413	5,418,712	38,339,667	141,738	48,374,487
2/16/2025	16,417,532	2,966,884	12,585,063	1,200,892	5,452,790	38,623,161	140,547	48,515,034
2/17/2025	16,454,173	2,970,092	12,662,571	1,207,153	5,466,465	38,760,454	147,166	48,662,200
2/18/2025	16,470,703	2,972,823	12,689,225	1,209,344	5,477,916	38,820,011	146,150	48,808,350
2/19/2025	16,485,113	2,978,382	12,705,499	1,211,550	5,492,494	38,873,038	143,005	48,951,355
2/20/2025	16,539,380	2,983,816	12,747,985	1,214,976	5,505,791	38,991,948	143,061	49,094,416
2/21/2025	16,553,802	2,986,317	12,765,460	1,217,229	5,516,533	39,039,341	142,182	49,236,598
2/22/2025	16,570,693	2,988,602	12,783,911	1,219,219	5,526,530	39,088,955	139,023	49,375,621
2/23/2025	16,585,585	2,990,591	12,799,666	1,221,161	5,537,826	39,134,829	137,187	49,512,807
2/24/2025	16,602,053	2,992,592	12,813,845	1,223,063	5,547,744	39,179,297	138,819	49,651,626
2/25/2025	16,617,901	2,994,375	12,826,764	1,224,942	5,558,344	39,222,326	52,279	49,703,905
2/26/2025	16,632,873	2,996,111	12,838,898	1,226,797	5,568,164	39,262,843	47,352	49,751,256
2/27/2025	16,647,690	2,997,744	12,849,780	1,228,624	5,577,333	39,301,171	39,193	49,790,449
2/28/2025	16,663,277	2,999,374	12,860,636	1,230,192	5,586,377	39,339,856	37,326	49,827,775
February Total	667,546	86,201	557,658	58,733	311,739	1,681,877	3,566,749	

Table 3-1
Ex-Situ Seeps and Weeps Flow Data
Quarterly Report #9 (Jan - Mar 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)
3/1/2025	16,679,959	3,000,810	12,871,194	1,231,913	5,595,506	39,379,382	36,514	49,864,289
3/2/2025	16,692,037	3,002,122	12,880,710	1,233,440	5,603,879	39,412,188	36,610	49,900,899
3/3/2025	16,708,857	3,003,503	12,889,622	1,235,106	5,611,412	39,448,500	28,777	49,929,676
3/4/2025	16,721,508	3,004,905	12,898,925	1,236,613	5,619,641	39,481,592	34,487	49,964,163
3/5/2025	16,804,426	3,004,905	12,910,016	1,238,107	5,637,867	39,595,321	35,899	50,000,062
3/6/2025	N/A	N/A	N/A	N/A	N/A	N/A	118,360	50,118,422
3/7/2025	16,864,804	3,024,134	13,022,537	1,245,884	5,661,925	39,819,284	122,180	50,240,602
3/8/2025	16,881,002	3,025,997	13,037,540	1,247,694	5,670,608	39,862,841	148,246	50,388,848
3/9/2025	16,895,464	3,027,560	13,049,678	1,249,464	5,678,584	39,900,750	113,589	50,502,437
3/10/2025	16,912,367	3,037,032	13,061,467	1,250,990	5,711,340	39,973,196	113,589	50,616,027
3/11/2025	17,067,032	3,064,874	13,248,827	1,258,685	5,741,172	40,380,590	128,974	50,745,000
3/12/2025	17,128,466	3,068,632	13,297,439	1,261,363	5,755,181	40,511,081	150,142	50,895,142
3/13/2025	17,147,983	3,072,309	13,321,794	1,263,702	5,767,732	40,573,520	149,799	51,044,941
3/14/2025	17,165,760	3,075,542	13,344,145	1,265,973	5,778,777	40,630,197	178,228	51,223,169
3/15/2025	17,183,807	3,078,667	13,365,806	1,268,212	5,789,843	40,686,335	309,587	51,532,756
3/16/2025	17,338,472	3,131,859	13,402,335	1,270,243	5,839,522	40,982,431	298,446	51,831,202
3/17/2025	17,463,097	3,141,004	13,589,561	1,276,632	5,861,883	41,332,177	296,502	52,127,704
3/18/2025	17,491,140	3,145,939	13,638,930	1,279,537	5,876,730	41,432,276	298,470	52,426,174
3/19/2025	17,510,397	3,150,467	13,669,416	1,282,268	5,890,467	41,503,015	296,816	52,722,990
3/20/2025	17,530,133	3,156,245	13,697,525	1,284,956	5,905,268	41,574,127	295,650	53,018,640
3/21/2025	17,559,420	3,160,406	13,738,293	1,287,831	5,917,640	41,663,590	296,225	53,314,864
3/22/2025	17,579,288	3,163,855	13,761,986	1,290,202	5,929,222	41,724,553	297,798	53,612,662
3/23/2025	17,595,850	3,167,114	13,784,325	1,292,739	5,940,643	41,780,671	298,160	53,910,822
3/24/2025	17,615,370	3,170,372	13,805,184	1,294,809	5,952,063	41,837,798	296,234	54,207,055
3/25/2025	17,634,090	3,173,328	13,827,570	1,297,121	5,962,729	41,894,838	297,294	54,504,349
3/26/2025	17,652,110	3,175,957	13,846,017	1,299,353	5,972,620	41,946,057	299,185	54,803,534
3/27/2025	17,666,831	3,178,632	13,863,284	1,301,519	5,981,766	41,992,032	295,386	55,098,921
3/28/2025	17,683,899	3,181,096	13,880,297	1,304,560	5,991,472	42,041,324	297,109	55,396,030
3/29/2025	17,699,893	3,183,674	13,897,671	1,306,740	6,001,094	42,089,072	297,958	55,693,988
3/30/2025	17,717,485	3,186,082	13,915,191	1,308,668	6,011,348	42,138,774	296,137	55,990,125
3/31/2025	17,734,002	3,188,768	13,933,716	1,310,808	6,021,729	42,189,023	143,511	56,133,636
March Total	1,070,725	189,394	1,073,080	80,616	435,352	2,849,167	6,305,862	
Reporting Period Total	2,268,755	339,214	2,057,472	190,389	1,057,977	5,913,807	12,580,840	

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.
3 - For March 6, 2025, flow totalizer data from capture systems is not available (N/A) because of a transmission error in the telemetry network.

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	DATE INSTALLED	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
BCA-01	Black Creek Aquifer	11/20/2017	399779.96	2050662.48	146.25	2	101	91-101
BCA-02	Black Creek Aquifer	11/16/2017	396242.02	2051062.07	148.37	2	102	92-102
EW-01	Black Creek Aquifer	3/19/2022	401683.69	2049951.04	92.04	6	85	60-80
EW-02	Black Creek Aquifer	3/21/2022	401683.61	2050289.26	87.97	6	65	40-60
EW-03	Black Creek Aquifer	3/23/2022	401723.50	2050594.78	84.67	6	72	57-67
EW-04	Black Creek Aquifer	3/7/2022	401714.92	2050848.03	80.00	6	65	50-60
EW-05	Black Creek Aquifer	3/14/2022	401654.63	2051059.46	82.93	6	78	63-73
EW-06	Black Creek Aquifer	4/2/2022	401489.44	2051117.72	83.58	6	75	50-70
EW-07	Black Creek Aquifer	4/1/2022	401350.61	2051160.78	86.45	6	68	53-63
EW-08	Black Creek Aquifer	3/29/2022	401184.55	2051164.30	89.05	6	73	58-68
EW-09	Black Creek Aquifer	3/28/2022	401008.87	2051129.57	81.08	6	65	40-60
EW-10	Black Creek Aquifer	3/25/2022	400870.94	2051128.67	74.12	6	55	30-50
EW-11	Black Creek Aquifer	7/13/2022	400683.82	2051280.71	93.12	6	75	60-70
EW-12	Black Creek Aquifer	7/11/2022	400591.86	2051415.21	92.10	6	75	50-70
EW-13	Black Creek Aquifer	7/8/2022	400527.75	2051513.14	87.95	6	79	54-74
EW-14	Black Creek Aquifer	7/7/2022	400375.11	2051570.80	82.23	6	62	47-57
EW-15	Black Creek Aquifer	3/24/2022	400223.63	2051556.86	77.23	6	53	38-48
EW-16	Black Creek Aquifer	4/4/2022	400042.92	2051489.09	88.11	6	65	50-60
EW-17	Black Creek Aquifer	4/5/2022	399975.22	2051517.08	87.84	6	65	40-60
EW-18	Surficial Aquifer	3/23/2022	399828.16	2051586.65	74.56	6	30	15-25
EW-19	Black Creek Aquifer	3/23/2022	399819.25	2051590.67	74.65	6	51	36-46
EW-20	Surficial Aquifer	3/23/2022	399696.08	2051667.78	78.48	6	30	15-25
EW-21	Black Creek Aquifer	3/21/2022	399549.59	2051687.61	84.66	6	62	47-57
EW-22	Surficial Aquifer	4/21/2022	399298.40	2051754.69	82.54	6	37	22-32
EW-23	Black Creek Aquifer	4/21/2022	399289.65	2051759.07	83.05	6	70	45-65
EW-24	Surficial Aquifer	4/21/2022	399105.96	2051845.20	83.63	6	31	16-26
EW-25	Black Creek Aquifer	4/21/2022	399097.14	2051848.27	83.44	6	75	60-70
EW-26S	Surficial Aquifer	6/30/2022	398992.13	2051869.73	83.50	6	30	15-25
EW-27	Surficial Aquifer	3/18/2022	398883.14	2051881.19	85.81	6	33	18-28
EW-28	Black Creek Aquifer	3/17/2022	398873.71	2051882.01	85.83	6	55	40-50
EW-29	Surficial Aquifer	3/17/2022	398743.82	2051874.08	80.62	6	34	19-29
EW-30	Black Creek Aquifer	3/16/2022	398733.15	2051872.90	82.01	6	80	55-75
EW-31	Surficial Aquifer	3/15/2022	398619.06	2051860.80	80.84	6	33	18-28
EW-32	Black Creek Aquifer	3/5/2022	398606.76	2051858.39	81.55	6	53	38-48
EW-33	Surficial Aquifer	3/15/2022	398413.39	2051843.45	78.32	6	25	10-20
EW-34	Black Creek Aquifer	3/14/2022	398403.44	2051844.29	77.11	6	75	40-70
EW-35	Surficial Aquifer	2/23/2022	398342.37	2051862.99	74.44	6	18	8-13
EW-36	Black Creek Aquifer	2/22/2022	398333.72	2051867.55	73.98	6	73	38-48, 58-68
EW-37	Surficial Aquifer	3/4/2022	398234.57	2051923.02	74.03	6	54	39-49
EW-38	Black Creek Aquifer	3/3/2022	398229.45	2051926.24	74.19	6	80	55-75
EW-39	Surficial Aquifer	2/22/2022	398113.89	2051992.69	77.19	6	21	6-16
EW-40	Black Creek Aquifer	2/21/2022	398104.84	2051997.57	77.00	6	85	60-80
EW-41	Black Creek Aquifer	2/17/2022	397944.33	2052019.70	84.99	6	75	50-70
EW-42	Black Creek Aquifer	2/16/2022	397792.20	2052011.87	81.93	6	74	49-69
EW-43	Black Creek Aquifer	2/15/2022	397657.42	2052005.16	81.80	6	76	51-71
EW-44	Surficial Aquifer	2/15/2022	397520.77	2051997.72	75.22	6	18	8-13
EW-45	Black Creek Aquifer	2/14/2022	397511.10	2051997.30	75.33	6	71	46-66
EW-46	Surficial Aquifer	2/11/2022	397374.10	2051993.17	74.94	6	32	17-27
EW-47	Black Creek Aquifer	2/10/2022	397364.92	2051992.87	75.02	6	68	43-63
EW-48	Surficial Aquifer	2/10/2022	397290.64	2052028.52	79.87	6	31	16-26
EW-49	Black Creek Aquifer	2/9/2022	397282.27	2052032.79	79.65	6	79	54-74
EW-50	Surficial Aquifer	2/9/2022	397105.59	2052107.53	77.80	6	30	15-25
EW-51	Black Creek Aquifer	2/8/2022	397096.10	2052109.76	78.36	6	70	45-65

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	DATE INSTALLED	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
EW-52	Black Creek Aquifer	2/3/2022	396902.85	2052151.05	75.84	6	70	45-65
EW-53	Black Creek Aquifer	2/3/2022	396713.03	2052190.03	76.33	6	67	42-62
EW-54	Black Creek Aquifer	2/4/2022	396559.35	2052223.00	75.31	6	65	40-60
EW-55	Black Creek Aquifer	4/11/2022	396358.87	2052225.92	86.59	6	80	55-75
EW-56	Black Creek Aquifer	3/7/2022	396173.96	2052249.38	79.69	6	71	46-66
EW-57	Black Creek Aquifer	3/2/2022	395992.47	2052247.52	84.92	6	70	45-65
EW-58	Black Creek Aquifer	2/2/2022	395810.15	2052290.53	74.69	6	65	40-60
EW-60	Black Creek Aquifer	2/5/2022	395425.21	2052313.29	77.65	6	68	43-63
EW-61	Black Creek Aquifer	2/20/2022	395283.80	2052271.16	78.46	6	75	50-70
EW-62	Black Creek Aquifer	2/2/2022	395170.54	2052195.07	83.12	6	65	40-60
EW-63	Black Creek Aquifer	3/1/2022	395055.17	2052033.12	122.53	6	103	88-98
EW-64	Black Creek Aquifer	2/28/2022	394924.16	2051976.78	121.67	6	85	60-80
EW-65	Black Creek Aquifer	2/22/2022	394819.93	2051918.54	116.36	6	75	50-70
EW-66	Black Creek Aquifer	2/7/2022	394823.51	2051780.19	115.77	6	101	76-96
EW-67	Black Creek Aquifer	2/19/2022	394780.57	2051655.69	103.22	6	98	73-93
EW-68	Black Creek Aquifer	2/17/2022	394728.65	2051563.34	96.82	6	92	67-87
EW-69	Black Creek Aquifer	2/16/2022	394649.04	2051478.42	87.55	6	85	60-80
LTW-01	Floodplain Deposits	1/16/2006	399565.01	2052150.62	52.71	2	26	11-26
LTW-02	Black Creek Aquifer	1/16/2006	398847.57	2052355.48	51.39	2	38	28-38
LTW-03	Floodplain Deposits	1/5/2006	398114.45	2052558.35	51.75	2	30	15-30
LTW-04	Floodplain Deposits	12/22/2005	397279.61	2052584.95	50.66	2	27	12-27
LTW-05	Black Creek Aquifer	12/21/2005	396430.31	2052740.40	50.94	2	44	29-44
NAF-11B	Surficial Aquifer	6/5/2005	398911.13	2050995.88	140.74	2	44	33.5-43.5
OW-02	Black Creek Aquifer	7/28/2020	398572.28	2051801.62	84.37	2	73	63-73
OW-03	Black Creek Aquifer	7/29/2020	398601.08	2051812.32	84.64	2	73	63-73
OW-04	Black Creek Aquifer	8/6/2020	395049.16	2052210.81	80.85	2	57	47-57
OW-04R	Black Creek Aquifer	7/31/2023	394990.53	2052236.29	80.03	2	61	51-61
OW-07	Black Creek Aquifer	10/13/2020	397180.06	2052052.69	81.45	2	67	57-67
OW-08	Black Creek Aquifer	10/13/2020	397202.33	2052041.98	82.30	2	67	57-67
OW-09	Black Creek Aquifer	10/16/2020	395075.14	2052211.07	79.78	2	64	54-64
OW-09R	Black Creek Aquifer	8/1/2023	395001.93	2052252.38	78.53	2	65	55-65
OW-11	Black Creek Aquifer	3/29/2022	401683.39	2049913.61	94.92	1	84	74-84
OW-12	Black Creek Aquifer	4/1/2022	401731.33	2050721.09	83.65	1	60	50-60
OW-13	Black Creek Aquifer	7/14/2022	400769.33	2051210.62	85.12	1	60	50-60
OW-14	Black Creek Aquifer	4/23/2022	400311.42	2051608.03	80.67	1	56	46-56
OW-15	Black Creek Aquifer	9/22/2022	399719.91	2051608.62	87.86	1	44	34-44
OW-16	Black Creek Aquifer	4/25/2022	399828.66	2051993.25	52.94	1	25	15-25
OW-17	Black Creek Aquifer	4/22/2022	399433.03	2051661.47	89.67	1	68	58-68
OW-18	Black Creek Aquifer	4/23/2022	398846.69	2051836.19	90.88	1	55	45-55
OW-19	Black Creek Aquifer	4/6/2022	398067.23	2051976.50	86.68	1	80	70-80
OW-20	Black Creek Aquifer	4/7/2022	398229.85	2052080.86	69.59	1	58	48-58
OW-21	Black Creek Aquifer	4/8/2022	397521.83	2051950.75	80.85	1	67	57-67
OW-22	Black Creek Aquifer	4/12/2022	397325.34	2052218.74	66.63	1	53	43-53
OW-23	Black Creek Aquifer	4/26/2022	396776.73	2052355.66	67.83	1	55	45-55
OW-24	Black Creek Aquifer	4/12/2022	396677.42	2052158.17	78.67	1	60	50-60
OW-25	Black Creek Aquifer	4/24/2022	396182.38	2052428.46	70.91	1	55	45-55
OW-26	Black Creek Aquifer	4/13/2022	395503.74	2052268.81	80.85	1	60	50-60
OW-27	Black Creek Aquifer	4/14/2022	395555.17	2052622.16	55.6	1	43	33-43
OW-28	Black Creek Aquifer	4/19/2022	395570.57	2052838.21	48.49	2	30	20-30
OW-29	Black Creek Aquifer	4/12/2022	395193.45	2052143.81	85.67	1	52	42-52
OW-30	Black Creek Aquifer	6/23/2022	394988.72	2052537.53	70.92	2	59	49-59
OW-31	Black Creek Aquifer	3/10/2022	394812.07	2051595.90	106.1	1	95	85-95
OW-32	Black Creek Aquifer	8/2/2023	394563.76	2051792.16	85.05	2	72	62-72

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	DATE INSTALLED	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
OW-33	Black Creek Aquifer	6/27/2022	395116.90	2052806.54	48.59	2	29	19-29
OW-34	Surficial Aquifer	4/19/2022	398593.54	2051813.31	83.76	1	33	23-33
OW-35	Surficial Aquifer	4/6/2022	398060.78	2051977.75	87.45	1	30	20-30
OW-36	Surficial Aquifer	4/11/2022	397257.46	2051997.45	80.61	1	21	11-21
OW-37	Surficial Aquifer	6/21/2023	396154.99	2052264.10	77.82	2	35	25-35
OW-38	Black Creek Aquifer	9/22/2022	394885.22	2051883.97	123.7	1	70	60-70
OW-39	Black Creek Aquifer	8/1/2023	394728.70	2052105.68	92.07	2	78	68-78
OW-40	Black Creek Aquifer	6/23/2022	394588.05	2052521.39	72.88	2	59	49-59
OW-41	Black Creek Aquifer	3/30/2022	401683.74	2050119.92	93.66	1	92	82-92
OW-42	Black Creek Aquifer	3/31/2022	401696.05	2050448.24	87.37	1	68	58-68
OW-43	Black Creek Aquifer	4/4/2022	400937.73	2051116.17	76.94	1	50	40-50
OW-44	Black Creek Aquifer	4/5/2022	399741.48	2051736.45	73.18	1	44	34-44
OW-45	Black Creek Aquifer	4/28/2022	398836.07	2051955.99	77.1	1	60	50-60
OW-46	Black Creek Aquifer	4/7/2022	398164.94	2052050.69	72.05	1	69	59-69
OW-47	Black Creek Aquifer	4/11/2022	397243.89	2052136.32	71.47	1	59	49-59
OW-48	Black Creek Aquifer	4/13/2022	396698.39	2052275.93	69.54	1	52	42-52
OW-49	Black Creek Aquifer	4/14/2022	396180.56	2052348.51	79.56	1	63	53-63
OW-50	Black Creek Aquifer	4/14/2022	395529.59	2052379.97	71.53	1	53	43-53
OW-51	Black Creek Aquifer	6/20/2023	396166.08	2052262.14	77.72	2	66	56-66
OW-52	Black Creek Aquifer	8/2/2023	397562.30	2052151.03	60.66	2	47	37-47
OW-53	Black Creek Aquifer	10/11/2023	397530.83	2052055.05	75.16	2	68	56-66
OW-54	Black Creek Aquifer	1/24/2023	401068.86	2051275.96	47.42	2	12	7-12
OW-55	Black Creek Aquifer	1/18/2023	401761.92	2050875.02	75.45	2	58	43-58
OW-56	Black Creek Aquifer	1/24/2023	401983.45	2050634.71	44.69	2	12	7-12
OW-57	Black Creek Aquifer	1/17/2023	401781.20	2050174.65	68.87	2	43	33-43
OW-58	Floodplain Deposits	11/4/2024	394731.98	2052907.48	40.74	2	22	12-22
OW-59	Black Creek Aquifer	11/5/2024	401064.37	2050003.35	141.69	2	118	108-118
PIW-10S	Surficial Aquifer	6/24/2019	395104.95	2052296.98	76.32	2	17	7-17
PIW-10DR	Black Creek Aquifer	8/16/2019	395093.72	2052297.91	74.17	2	58	53-58
PIW-11	Black Creek Aquifer	8/25/2020	401911.03	2050416.29	67.02	2	57	47-57
PIW-12	Black Creek Aquifer	9/1/2020	401703.10	2051025.77	83.78	2	74	64-74
PIW-13	Black Creek Aquifer	9/3/2020	401464.29	2051122.60	83.18	2	64	54-64
PIW-14	Black Creek Aquifer	9/4/2020	401163.98	2051186.57	87.43	2	66	56-66
PIW-15	Black Creek Aquifer	9/9/2020	400706.51	2051532.80	67.85	2	44	34-44
PIW-1S	Floodplain Deposits	6/27/2019	400541.03	2051792.39	54.04	2	18	8-18
PIW-1D	Black Creek Aquifer	6/27/2019	400548.00	2051801.28	52.16	2	30	24.5-29.5
PIW-2D	Black Creek Aquifer	8/15/2019	399925.40	2051315.80	96.19	2	50	40-50
PIW-3D	Black Creek Aquifer	7/2/2019	399711.25	2052086.94	53.42	2	24	19-24
PIW-4D	Black Creek Aquifer	7/1/2019	398816.52	2052101.94	52.85	2	37	32.3-37.3
PIW-5S	Surficial Aquifer	7/9/2019	398519.70	2051950.49	75.02	2	19.8	9.8-19.8
PIW-5SR	Surficial Aquifer	4/13/2023	398545.03	2051977.42	79.60	2	25	15-25
PIW-6S	Floodplain Deposits	6/28/2019	398117.93	2052539.79	53.40	2	28	18-28
PIW-7D	Black Creek Aquifer	6/25/2019	396787.77	2052595.65	48.93	2	34	29-34
PIW-7S	Floodplain Deposits	6/25/2019	396786.97	2052589.10	47.97	2	17	7-17
PIW-8D	Black Creek Aquifer	6/26/2019	396403.37	2052682.10	48.66	2	40	35-40
PW-02	Surficial Aquifer	7/30/2019	399779.06	2050649.47	146.43	2	60	50-60
PW-03	Surficial Aquifer	7/23/2019	397339.81	2050765.32	147.97	2	45	35-45
PW-04	Surficial Aquifer	7/24/2019	394659.55	2050940.66	97.75	2	27	17-27
PW-10R	Black Creek Aquifer	8/9/2019	398516.12	2051936.59	75.90	2	67	57-67
PW-10RR	Black Creek Aquifer	4/12/2023	398532.53	2051965.93	79.97	2	71	61-71
PW-11	Black Creek Aquifer	7/26/2019	394354.36	2052226.72	73.26	2	64	53-63
PW-14	Black Creek Aquifer	8/27/2019	397325.65	2050766.36	147.97	2	146	136-146
PW-15R	Black Creek Aquifer	8/14/2019	398900.88	2051011.75	136.14	2	120	110-120

Table 4-1
Extraction and Observation Well Construction Details
Quarterly Report #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

WELL ID	TARGET AQUIFER	DATE INSTALLED	NORTHING (FT, NAD83)	EASTING (FT, NAD83)	TOP OF CASING ELEVATION (FT, NAVD88)	WELL DIAMETER (INCHES)	WELL DEPTH (FT, BGS)	WELL SCREEN INTERVAL (FT, BGS)
PZ-22	Black Creek Aquifer	1/11/2006	397271.94	2052585.34	50.70	1	48	42.5-47.5
SMW-03B	Black Creek Aquifer	4/4/2013	399785.75	2049421.54	150.43	2	82	72-82
SMW-09	Surficial Aquifer	4/8/2013	401076.89	2050017.41	141.43	2	62	52-62
SMW-12	Black Creek Aquifer	3/27/2013	401314.20	2051007.22	118.22	2	98	88-98

Notes:

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

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

3 - OW-58 was installed pursuant to the November 2023 Lock and Dam Seep Workplan. OW-58 is not considered as an observation well under the PMP.

BGS - below ground surface

EW - extraction well

FT - feet

NAD83 - North American Datum of 1983

NAVD88 - North American Vertical Datum of 1988

OW - observation well

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
Prior Total	N/A	362,230,139
1/1/2025	324	362,692,571
1/2/2025	323	363,155,227
1/3/2025	330	363,629,371
1/4/2025	334	364,104,891
1/5/2025	330	364,576,603
1/6/2025	331	365,049,435
1/7/2025	323	365,511,003
1/8/2025	326	365,978,971
1/9/2025	326	366,444,891
1/10/2025	327	366,913,563
1/11/2025	331	367,385,435
1/12/2025	327	367,853,627
1/13/2025	326	368,320,955
1/14/2025	323	368,784,027
1/15/2025	322	369,246,395
1/16/2025	325	369,710,555
1/17/2025	322	370,171,483
1/18/2025	327	370,639,611
1/19/2025	329	371,107,675
1/20/2025	319	371,564,123
1/21/2025	319	372,022,459
1/22/2025	323	372,485,211
1/23/2025	323	372,950,107
1/24/2025	322	373,411,995
1/25/2025	322	373,873,499
1/26/2025	322	374,336,891
1/27/2025	325	374,803,707
1/28/2025	323	375,265,467
1/29/2025	323	375,728,027
1/30/2025	319	376,184,859
1/31/2025	325	376,650,747
January Total	N/A	14,420,608

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
2/1/2025	320	377,108,731
2/2/2025	320	377,568,379
2/3/2025	325	378,035,771
2/4/2025	326	378,503,899
2/5/2025	326	378,971,259
2/6/2025	335	379,450,427
2/7/2025	332	379,927,035
2/8/2025	336	380,408,635
2/9/2025	334	380,887,355
2/10/2025	332	381,362,299
2/11/2025	336	381,847,419
2/12/2025	335	382,324,155
2/13/2025	332	382,800,027
2/14/2025	331	383,273,019
2/15/2025	339	383,759,675
2/16/2025	339	384,245,787
2/17/2025	337	384,727,611
2/18/2025	326	385,196,283
2/19/2025	328	385,667,899
2/20/2025	335	386,147,355
2/21/2025	338	386,632,027
2/22/2025	343	387,119,899
2/23/2025	343	387,608,923
2/24/2025	325	388,077,147
2/25/2025	320	388,535,163
2/26/2025	319	388,991,387
2/27/2025	312	389,440,955
2/28/2025	313	389,888,635
February Total	N/A	13,237,888

Table 4-2
Summary of GWEC Flow Data
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Date	Average Extraction Flow Rate (gpm)	Cumulative Volume Extracted (gallons)
3/1/2025	315	390,341,531
3/2/2025	324	390,806,139
3/3/2025	326	391,273,435
3/4/2025	330	391,747,099
3/5/2025	337	392,229,787
3/6/2025	332	392,706,203
3/7/2025	334	393,184,379
3/8/2025	338	393,666,395
3/9/2025	334	394,125,211
3/10/2025	339	394,610,267
3/11/2025	335	395,094,395
3/12/2025	338	395,575,803
3/13/2025	341	396,063,835
3/14/2025	340	396,549,627
3/15/2025	341	397,037,787
3/16/2025	344	397,530,299
3/17/2025	341	398,019,771
3/18/2025	340	398,503,803
3/19/2025	333	398,980,571
3/20/2025	329	399,453,051
3/21/2025	340	399,939,739
3/22/2025	340	400,427,707
3/23/2025	340	400,914,651
3/24/2025	341	401,403,579
3/25/2025	340	401,891,803
3/26/2025	339	402,376,667
3/27/2025	340	402,862,747
3/28/2025	323	403,325,755
3/29/2025	341	403,813,979
3/30/2025	340	404,302,235
3/31/2025	329	404,774,459
March Total	N/A	14,885,824
Reporting Period Total	N/A	42,544,320

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

Table 4-3
Extraction Well Flow Data
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Target Aquifer	Average Extraction Flow Rate (gpm)			Total Volume (gallons)			
		January	February	March	January	February	March	Total Reporting Period
Willis Creek (Northern Alignment)								
EW-01	Black Creek Aquifer	10.83	13.15	14.53	483,422	530,282	648,663	1,662,367
EW-02	Black Creek Aquifer	5.93	5.52	5.84	264,740	222,747	260,503	747,990
EW-03	Black Creek Aquifer	2.32	2.15	2.39	103,774	86,502	106,891	297,167
EW-04	Black Creek Aquifer	0.13	0.17	0.23	5,603	6,698	10,047	22,348
EW-05	Black Creek Aquifer	13.81	12.74	13.63	616,632	513,654	608,487	1,738,773
EW-06	Black Creek Aquifer	7.83	6.47	7.83	349,447	260,802	349,731	959,980
EW-07	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-08	Black Creek Aquifer	3.66	3.33	4.31	163,561	134,369	192,541	490,471
EW-09	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-10	Black Creek Aquifer	0.21	0.18	0.13	9,304	7,390	5,956	22,650
EW-11	Black Creek Aquifer	2.45	2.31	2.45	109,223	92,957	109,541	311,721
EW-12	Black Creek Aquifer	1.48	1.38	1.47	66,164	55,743	65,689	187,596
EW-13	Black Creek Aquifer	0.43	0.42	0.47	19,059	16,741	20,971	56,771
EW-14	Black Creek Aquifer	0.21	3.80	4.45	9,546	153,107	198,673	361,326
EW-15	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
Average Northern Alignment EW		3.29	3.44	3.85	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	0.66	0.62	0.72	29,372	24,962	32,335	86,669
EW-19	Black Creek Aquifer	0.83	0.80	1.99	36,962	32,370	88,707	158,039
EW-20	Surficial Aquifer	0.34	0.28	0.30	15,394	11,200	13,486	40,080
EW-21	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-22	Surficial Aquifer	6.92	7.61	7.21	309,000	306,737	321,760	937,497
EW-23	Black Creek Aquifer	0.00	0.00	0.00	0	0	0	0
EW-24	Surficial Aquifer	2.96	2.34	4.65	132,201	94,524	207,683	434,409
EW-25	Black Creek Aquifer	0.84	0.00	0.00	37,465	0	0	37,465
EW-26	Surficial Aquifer	1.09	0.99	0.31	48,494	39,836	13,928	102,258
EW-27	Surficial Aquifer	4.94	4.61	4.95	220,718	186,043	220,768	627,530
EW-28	Black Creek Aquifer	0.65	0.69	0.73	28,880	27,654	32,754	89,287
EW-29	Surficial Aquifer	4.45	4.15	4.45	198,637	167,450	198,694	564,781
EW-30	Black Creek Aquifer	3.95	3.69	3.95	176,543	148,796	176,488	501,828
EW-31	Surficial Aquifer	7.90	7.38	7.91	352,823	297,651	353,170	1,003,643
EW-32	Black Creek Aquifer	3.17	2.82	3.43	141,528	113,694	153,309	408,531
EW-33	Surficial Aquifer	1.49	1.41	1.51	66,424	56,918	67,477	190,820
EW-34	Black Creek Aquifer	4.94	4.26	3.16	220,327	171,867	140,876	533,070
EW-35	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-36	Black Creek Aquifer	7.91	7.23	7.88	353,031	291,410	351,591	996,032
EW-37	Surficial Aquifer	4.45	4.15	4.45	198,604	167,420	198,555	564,579
EW-38	Black Creek Aquifer	16.81	17.14	18.79	750,196	691,101	838,693	2,279,990
EW-39	Surficial Aquifer	1.54	1.42	1.67	68,926	57,125	74,439	200,490
EW-40	Black Creek Aquifer	19.77	19.97	21.05	882,714	805,162	939,573	2,627,449
EW-41	Black Creek Aquifer	3.95	3.69	3.95	176,438	148,743	176,190	501,371
EW-42	Black Creek Aquifer	3.95	3.69	3.94	176,443	148,739	176,088	501,269
EW-43	Black Creek Aquifer	4.94	4.61	4.95	220,701	185,694	220,757	627,151
EW-44	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-45	Black Creek Aquifer	3.95	3.69	3.95	176,422	148,727	176,467	501,617

Table 4-3
Extraction Well Flow Data
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Well ID	Target Aquifer	Average Extraction Flow Rate (gpm)			Total Volume (gallons)			
		January	February	March	January	February	March	Total Reporting Period
EW-46	Surficial Aquifer	0.00	0.00	0.00	0	0	0	0
EW-47	Black Creek Aquifer	3.95	3.69	3.95	176,414	148,742	176,490	501,646
EW-48	Surficial Aquifer	1.29	1.20	1.29	57,432	48,413	57,450	163,295
EW-49	Black Creek Aquifer	5.93	5.53	5.93	264,725	223,155	264,638	752,519
EW-50	Surficial Aquifer	1.98	1.83	1.93	88,174	73,597	85,967	247,737
EW-51	Black Creek Aquifer	3.95	3.69	3.95	176,431	148,751	176,490	501,672
EW-52	Black Creek Aquifer	5.93	5.54	5.93	264,790	223,211	264,857	752,858
EW-53	Black Creek Aquifer	4.45	4.15	4.45	198,613	167,427	198,656	564,696
EW-54	Black Creek Aquifer	2.97	2.72	2.96	132,412	109,673	132,135	374,220
EW-55	Black Creek Aquifer	3.46	3.00	2.74	154,272	121,097	122,501	397,870
EW-56	Black Creek Aquifer	5.93	5.12	5.26	264,833	206,463	234,823	706,119
EW-57	Black Creek Aquifer	0.01	0.12	0.36	602	5,006	15,997	21,605
EW-58	Black Creek Aquifer	1.70	1.46	1.57	75,926	58,803	70,178	204,908
EW-60	Black Creek Aquifer	0.00	0.00	0.00	0	7	0	7
EW-61	Black Creek Aquifer	2.28	2.13	2.31	101,613	85,890	103,063	290,567
EW-62	Black Creek Aquifer	1.12	1.18	1.30	50,056	47,712	58,064	155,833
EW-63	Black Creek Aquifer	10.88	8.38	10.57	485,490	337,912	471,628	1,295,031
EW-64	Black Creek Aquifer	0.25	0.15	0.01	11,268	6,114	479	17,861
EW-65	Black Creek Aquifer	1.32	1.11	1.34	59,089	44,777	59,727	163,592
EW-66	Black Creek Aquifer	11.84	10.96	11.87	528,530	442,087	529,768	1,500,385
EW-67	Black Creek Aquifer	31.64	29.53	31.64	1,412,223	1,190,542	1,412,227	4,014,991
EW-68	Black Creek Aquifer	27.68	25.84	27.68	1,235,649	1,041,689	1,235,693	3,513,031
EW-69	Black Creek Aquifer	27.68	25.84	27.68	1,235,703	1,041,694	1,235,646	3,513,044
Average Southern Alignment EW		5.07	4.72	5.11	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 - 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 #9 (Jan - Mar 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)
Prior Total	398,934,779		N/A	395,683,229	
1/1/2025	526,302	399,461,081	358	515,111	396,198,340
1/2/2025	509,687	399,970,768	341	491,523	396,689,863
1/3/2025	540,171	400,510,939	360	519,014	397,208,877
1/4/2025	521,924	401,032,863	349	501,878	397,710,755
1/5/2025	524,029	401,556,892	353	508,395	398,219,150
1/6/2025	523,594	402,080,486	347	499,739	398,718,889
1/7/2025	535,987	402,616,473	364	523,742	399,242,631
1/8/2025	524,451	403,140,924	348	501,806	399,744,437
1/9/2025	495,403	403,636,327	332	477,790	400,222,227
1/10/2025	516,623	404,152,950	349	502,148	400,724,375
1/11/2025	565,153	404,718,103	381	548,503	401,272,878
1/12/2025	557,205	405,275,308	375	540,292	401,813,170
1/13/2025	512,168	405,787,476	346	498,449	402,311,619
1/14/2025	525,686	406,313,162	353	507,614	402,819,233
1/15/2025	518,750	406,831,912	354	509,656	403,328,889
1/16/2025	502,119	407,334,031	340	490,058	403,818,947
1/17/2025	501,268	407,835,299	342	491,922	404,310,869
1/18/2025	499,048	408,334,347	340	489,792	404,800,661
1/19/2025	547,029	408,881,376	372	539,050	405,339,711
1/20/2025	541,358	409,422,734	365	525,733	405,865,444
1/21/2025	536,241	409,958,975	360	517,828	406,383,272
1/22/2025	459,389	410,418,364	308	444,126	406,827,398
1/23/2025	529,693	410,948,057	366	527,312	407,354,710
1/24/2025	309,096	411,257,153	209	301,249	407,655,959
1/25/2025	299,866	411,557,019	207	298,569	407,954,528
1/26/2025	311,646	411,868,665	216	310,505	408,265,033
1/27/2025	217,317	412,085,982	146	210,095	408,475,128
1/28/2025	143,205	412,229,187	85	121,845	408,596,973
1/29/2025	177,871	412,407,058	114	164,616	408,761,589
1/30/2025	546,468	412,953,526	377	542,798	409,304,387
1/31/2025	635,423	413,588,949	420	604,304	409,908,691
January Total	14,654,170		N/A	14,225,462	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #9 (Jan - Mar 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)
2/1/2025	611,784	414,200,733	404	582,166	410,490,857
2/2/2025	612,738	414,813,471	400	575,562	411,066,419
2/3/2025	598,642	415,412,113	398	573,149	411,639,568
2/4/2025	612,838	416,024,951	412	592,750	412,232,318
2/5/2025	602,518	416,627,469	406	584,683	412,817,001
2/6/2025	659,927	417,287,396	444	639,841	413,456,842
2/7/2025	630,268	417,917,664	427	615,095	414,071,937
2/8/2025	639,313	418,556,977	431	621,026	414,692,963
2/9/2025	636,650	419,193,627	430	619,812	415,312,775
2/10/2025	633,669	419,827,296	427	614,601	415,927,376
2/11/2025	640,826	420,468,122	433	623,653	416,551,029
2/12/2025	626,576	421,094,698	417	599,821	417,150,850
2/13/2025	628,943	421,723,641	425	612,289	417,763,139
2/14/2025	614,521	422,338,162	421	606,719	418,369,858
2/15/2025	654,605	422,992,767	444	639,827	419,009,685
2/16/2025	632,911	423,625,678	433	623,957	419,633,642
2/17/2025	640,772	424,266,450	441	634,608	420,268,250
2/18/2025	608,393	424,874,843	412	592,611	420,860,861
2/19/2025	640,937	425,515,780	434	625,259	421,486,120
2/20/2025	624,191	426,139,971	420	605,108	422,091,228
2/21/2025	639,490	426,779,461	434	624,519	422,715,747
2/22/2025	651,695	427,431,156	436	627,715	423,343,462
2/23/2025	627,085	428,058,241	424	610,379	423,953,841
2/24/2025	638,521	428,696,762	432	622,110	424,575,951
2/25/2025	526,272	429,223,034	358	515,708	425,091,659
2/26/2025	515,391	429,738,425	350	503,801	425,595,460
2/27/2025	497,674	430,236,099	333	478,930	426,074,390
2/28/2025	499,060	430,735,159	336	483,540	426,557,930
February Total	17,146,210		N/A	16,649,239	

Table 5-1
004 Treatment Plant Flow Data
Quarterly Report #9 (Jan - Mar 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)
3/1/2025	483,519	431,218,678	322	464,066	427,021,996
3/2/2025	507,092	431,725,770	339	488,429	427,510,425
3/3/2025	523,224	432,248,994	358	515,333	428,025,758
3/4/2025	504,158	432,753,152	333	479,546	428,505,304
3/5/2025	527,654	433,280,806	351	505,399	429,010,703
3/6/2025	575,004	433,855,810	385	554,202	429,564,905
3/7/2025	607,304	434,463,114	421	606,133	430,171,038
3/8/2025	636,774	435,099,888	429	617,224	430,788,262
3/9/2025	599,691	435,699,579	402	579,260	431,367,522
3/10/2025	599,691	436,299,270	402	579,260	431,946,782
3/11/2025	595,112	436,894,382	406	584,573	432,531,355
3/12/2025	632,762	437,527,144	430	618,606	433,149,961
3/13/2025	649,397	438,176,541	433	623,980	433,773,941
3/14/2025	648,097	438,824,638	420	604,709	434,378,650
3/15/2025	302,560	439,127,198	219	315,628	434,694,278
3/16/2025	291,931	439,419,129	201	289,719	434,983,997
3/17/2025	296,585	439,715,714	196	281,912	435,265,909
3/18/2025	294,147	440,009,861	193	278,096	435,544,005
3/19/2025	300,042	440,309,903	202	290,802	435,834,807
3/20/2025	350,425	440,660,328	244	351,122	436,185,929
3/21/2025	798,557	441,458,885	529	762,178	436,948,107
3/22/2025	806,250	442,265,135	538	774,563	437,722,670
3/23/2025	784,603	443,049,738	525	756,003	438,478,673
3/24/2025	805,270	443,855,008	539	776,738	439,255,411
3/25/2025	806,614	444,661,622	543	782,193	440,037,604
3/26/2025	794,369	445,455,991	525	756,023	440,793,627
3/27/2025	793,409	446,249,400	539	776,489	441,570,116
3/28/2025	797,093	447,046,493	533	768,238	442,338,354
3/29/2025	771,600	447,818,093	521	750,751	443,089,105
3/30/2025	802,017	448,620,110	542	779,904	443,869,009
3/31/2025	613,787	449,233,897	415	597,858	444,466,867
March Total	18,498,738		N/A	17,908,937	
Reporting Period Total	50,299,118		N/A	48,783,638	

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 #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0125** Sample Date: 6-Jan-25	**004 Effluent** **004-EFF-0125** Sample Date: 6-Jan-25	**004 Influent** **004-INF-0125-2** Sample Date: 13-Jan-25	**004 Effluent** **004-EFF-0125-2** Sample Date: 13-Jan-25	**004 Influent** **004-INF-0125-3** Sample Date: 20-Jan-25	**004 Effluent** **004-EFF-0125-3** Sample Date: 20-Jan-25	**004 Influent** **004-INF-0125-4** Sample Date: 27-Jan-25	**004 Effluent** **004-EFF-0125-4** Sample Date: 27-Jan-25
Hfpo Dimer Acid	**10,000**	<2.0	**12,000**	<2.0	**12,000**	<2.0	**13,000**	<2.0
PFMOAA	**60,000**	<2.0	**51,000 J**	<2.0	**46,000 J**	<2.0	**66,000**	**7.8**
PFO2HxA	--	--	**20,000**	<2.0	--	--	--	--
PFO3OA	--	--	**5,200**	<2.0	--	--	--	--
PFO4DA	--	--	**1,500**	<2.0	--	--	--	--
PFO5DA	--	--	**340**	<2.0	--	--	--	--
PMPA	**9,800**	<10	**9,000**	<10	**8,300**	<10	**11,000**	<10
PEPA	--	--	**3,000**	<10	--	--	--	--
PS Acid	--	--	**810**	<2.0	--	--	--	--
Hydro-PS Acid	--	--	**450**	<2.0	--	--	--	--
R-PSDA	--	--	**670 J**	<2.0 UJ	--	--	--	--
Hydrolyzed PSDA	--	--	**9,400 J**	<2.0 UJ	--	--	--	--
R-PSDCA	--	--	<50	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	**880**	<2.0	--	--	--	--
EVE Acid	--	--	**340**	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	**760**	<2.0	--	--	--	--
R-EVE	--	--	**360 J**	<2.0 UJ	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2.0	--	--	--	--
PFECA B	--	--	<50	<2.0	--	--	--	--
PFECA-G	--	--	<50	<2.0	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	--	--	**110,000**	**ND**	--	--	--	--

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Total Table 3+ (17 Compounds) is not applicable for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
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 #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0225-3** Sample Date: 3-Feb-25	**004 Effluent** **004-EFF-0225** Sample Date: 3-Feb-25	**004 Influent** **004-INF-0225-2** Sample Date: 10-Feb-25	**004 Effluent** **004-EFF-0225-2** Sample Date: 10-Feb-25	**004 Influent** **004-INF-0225-3-2** Sample Date: 17-Feb-25	**004 Effluent** **004-EFF-0225-3** Sample Date: 17-Feb-25	**004 Influent** **004-INF-0225-4** Sample Date: 24-Feb-25	**004 Effluent** **004-EFF-0225-4** Sample Date: 24-Feb-25
Hfpo Dimer Acid	**12,000**	<2.0	**13,000**	<2.0	**12,000**	<2.0	**14,000**	<2.0
PFMOAA	**60,000**	<2.0	**63,000**	<2.0	**49,000**	<2.0	**51,000**	<2.0
PFO2HxA	--	--	**26,000**	<2.0	--	--	--	--
PFO3OA	--	--	**7,100**	<2.0	--	--	--	--
PFO4DA	--	--	**1,700**	<2.0	--	--	--	--
PFO5DA	--	--	**350**	<2.0	--	--	--	--
PMPA	**10,000**	<10	**11,000**	<10	**9,300**	<10	**11,000**	<10
PEPA	--	--	**4,200**	<10	--	--	--	--
PS Acid	--	--	**630**	<2.0	--	--	--	--
Hydro-PS Acid	--	--	**480**	<2.0	--	--	--	--
R-PSDA	--	--	**3,400 J**	<2.0	--	--	--	--
Hydrolyzed PSDA	--	--	**30,000 J**	<2.0	--	--	--	--
R-PSDCA	--	--	<50	<2.0	--	--	--	--
NVHOS, Acid Form	--	--	**1,000**	<2.0	--	--	--	--
EVE Acid	--	--	**150**	<2.0	--	--	--	--
Hydro-EVE Acid	--	--	**820**	<2.0	--	--	--	--
R-EVE	--	--	**1,700 J**	<2.0	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2.0	--	--	--	--
PFECA B	--	--	<50	<2.0	--	--	--	--
PFECA-G	--	--	<50	<2.0	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	--	--	**130,000**	**ND**	--	--	--	--

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Total Table 3+ (17 Compounds) is not applicable for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
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 #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Table 3+ SOP (ng/L)	**004 Influent** **004-INF-0325** Sample Date: 3-Mar-25	**004 Effluent** **004-EFF-0325** Sample Date: 3-Mar-25	**004 Influent** **004-INF-0325-2** Sample Date: 10-Mar-25	**004 Effluent** **004-EFF-0325-2** Sample Date: 10-Mar-25	**004 Influent** **004-INF-0325-3** Sample Date: 17-Mar-25	**004 Effluent** **004-EFF-0325-3** Sample Date: 17-Mar-25	**004 Influent** **004-INF-0325-4** Sample Date: 24-Mar-25	**004 Effluent** **004-EFF-0325-4** Sample Date: 24-Mar-25	**004 Influent** **004-INF-033125** Sample Date: 31-Mar-25	**004 Effluent** **004-EFF-033125** Sample Date: 31-Mar-25
Hfpo Dimer Acid	**11,000**	<2.0	**13,000**	<2.0	**12,000**	<2.0	**12,000**	<2.0	**12,000**	<2.0
PFMOAA	**62,000**	<2.0	**60,000**	<2.0	**43,000**	<2.0	**58,000**	<2.0	**65,000**	<2.0
PFO2HxA	--	--	**25,000**	<2.0	--	--	--	--	--	--
PFO3OA	--	--	**6,900**	<2.0	--	--	--	--	--	--
PFO4DA	--	--	**1,800**	<2.0	--	--	--	--	--	--
PFO5DA	--	--	**380**	<2.0	--	--	--	--	--	--
PMPA	**9,700**	<10	**11,000**	<10	**9,900**	<10	**9,300**	<10	**10,000**	<10
PEPA	--	--	**3,700**	<10	--	--	--	--	--	--
PS Acid	--	--	**850**	<2.0	--	--	--	--	--	--
Hydro-PS Acid	--	--	**480**	<2.0	--	--	--	--	--	--
R-PSDA	--	--	**960 J**	<2.0 UJ	--	--	--	--	--	--
Hydrolyzed PSDA	--	--	**15,000 J**	<2.0 UJ	--	--	--	--	--	--
R-PSDCA	--	--	<50	<2.0	--	--	--	--	--	--
NVHOS, Acid Form	--	--	**940**	<2.0	--	--	--	--	--	--
EVE Acid	--	--	**240**	<2.0	--	--	--	--	--	--
Hydro-EVE Acid	--	--	**770**	<2.0	--	--	--	--	--	--
R-EVE	--	--	**520 J**	<2.0 UJ	--	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	--	--	<50	<2.0	--	--	--	--	--	--
PFECA B	--	--	<50	<2.0	--	--	--	--	--	--
PFECA-G	--	--	<50	<2.0	--	--	--	--	--	--
Total Table 3+ (17 compounds)[1,2,3]	--	--	**130,000**	**ND**	--	--	--	--	--	--

Notes:
1 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to two significant figures.
2 - Total Table 3+ (17 Compounds) does not include R-PSDA, Hydrolyzed PSDA and R-EVE.
3 - Total Table 3+ (17 Compounds) is not applicable for the weekly sampling for only PFAS indicator compounds (HFPO-DA, PFMOAA, and PMPA).
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 #9 (Jan-Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST [1,2] ***(ng/L)***	**004 Influent** **004-INF-0225-2** Sample Date: 10-Feb-25	**004 Effluent** **004-EFF-0225-2** Sample Date: 10-Feb-25
10:2 Fluorotelomer sulfonate	<84	<2.0
11Cl-PF3OUdS	<86	<2.0
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<63	<2.0
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<63	<2.0
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<110	<2.0
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<180	<4.0
6:2 Fluorotelomer sulfonate	<160	<5.0
9Cl-PF3ONS	<63	<2.0
DONA	<63	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<160	<5.0
N-ethylperfluoro-1-octanesulfonamide	<110	<2.0
N-methyl perfluoro-1-octanesulfonamide	<63	<2.0
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<160	<5.0
Perfluorobutane Sulfonic Acid	<63	<2.0
Perfluorobutanoic Acid	**210**	<5.0
Perfluorodecane Sulfonic Acid	<63	<2.0
Perfluorodecanoic Acid	<63	<2.0
Perfluorododecane Sulfonic Acid (PFDoS)	<120	<2.0
Perfluorododecanoic Acid	<69	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	<63	<2.0
Perfluoroheptanoic Acid	**94**	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<63	<2.0
Perfluorohexane Sulfonic Acid	<71	<2.0
Perfluorohexanoic Acid	<73	<2.0
Perfluorononanesulfonic Acid	<63	<2.0
Perfluorononanoic Acid	<63	<2.0
Perfluorooctadecanoic Acid	<120	<2.0
Perfluorooctane Sulfonamide	<120	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	<63	<2.0
Perfluoropentanoic Acid	**550**	<2.0
Perfluorotetradecanoic Acid	<91	<2.0
Perfluorotridecanoic Acid	<63	<2.0
Perfluoroundecanoic Acid	<63	<2.0
PFOA	<63	<2.0
PFOS	<63	<2.0

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds.
2 - Sample analysis under EPA Method 537 MOD SOP is required one time per quarter.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Jan. 26 (0.61)* *Jan. 27 (0.00)* *Jan. 28 (0.00)*	*Feb. 15 (0.29)* *Feb. 16 (0.87)* *Feb. 17 (0.00)*	*Mar. 23 (0.00)* *Mar. 24 (0.01)* *Mar. 25 (0.00)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**							
		Baseline			**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**January 29, 2025**	**February 18, 2025**	**March 26, 2025**	**March 26, 2025 vs. January 30, 2023**	**March 26, 2025 vs. February 18, 2025**
Willis Creek Observation Wells (Northern Alignment): 18 Wells									
OW-11	Black Creek Aquifer	49.63	49.57	49.02	46.42	45.69	45.62	3.40	0.07
OW-12	Black Creek Aquifer	34.08	34.08	34.81	28.57	29.23	28.59	6.22	0.64
OW-13	Black Creek Aquifer	34.10	34.05	34.42	30.47	31.06	31.10	3.32	0.04
OW-14	Black Creek Aquifer	33.62	33.47	34.67	32.27	33.12	33.53	1.14	0.41
OW-41	Black Creek Aquifer	49.13	49.12	48.33	46.17	46.26	45.55	2.78	0.71
OW-42	Black Creek Aquifer	47.89	47.86	47.42	45.20	44.90	44.79	2.63	0.11
OW-43	Black Creek Aquifer	34.49	34.42	34.62	31.43	31.53	31.61	3.01	0.08
OW-54	Black Creek Aquifer	Well Installed January 24, 2023		35.87	32.52	33.79	34.24	1.63	0.45
OW-55	Black Creek Aquifer	Well Installed January 18, 2023		34.77	27.70	29.45	27.76	7.01	1.69
OW-56	Black Creek Aquifer	Well Installed January 24, 2023		36.92	36.18	37.14	36.48	0.44	0.66
OW-57	Black Creek Aquifer	Well Installed January 17, 2023		45.75	44.26	44.00	43.91	1.84	0.09
PIW-1D	Black Creek Aquifer	32.59	32.47	33.95	31.21	Not Gauged	32.42	1.53	N/A
PIW-11	Black Creek Aquifer	43.28	43.24	43.89	43.52	43.56	43.80	0.09	0.24
PIW-12	Black Creek Aquifer	33.74	33.69	34.39	26.21	29.21	26.28	8.11	2.93
PIW-13	Black Creek Aquifer	33.66	33.60	34.20	26.34	27.08	26.48	7.72	0.60
PIW-14	Black Creek Aquifer	34.05	34.00	34.44	30.25	29.23	29.23	5.21	0.00
PIW-15	Black Creek Aquifer	32.74	32.65	33.54	30.65	31.65	31.52	2.02	0.13
SMW-12	Black Creek Aquifer	33.03	33.03	33.52	28.82	28.17	28.22	5.30	0.05
Median (Black Creek Aquifer wells)		34.07	34.03	34.72	31.32	31.65	32.02	2.90	0.32
Observation Wells ≤200 ft Upgradient of Barrier Wall: 19 Wells									
OW-02	Black Creek Aquifer	48.82	48.72	48.79	34.60	33.79	33.92	14.87	0.13
OW-03	Black Creek Aquifer	49.52	49.44	49.60	34.79	34.04	34.27	15.33	0.23
OW-07	Black Creek Aquifer	44.87	44.75	45.36	33.86	33.45	33.60	11.76	0.15
OW-08	Black Creek Aquifer	44.12	43.98	44.60	33.10	32.70	32.85	11.75	0.15
OW-15	Black Creek Aquifer	Well Installed September 22, 2022		56.91	57.96	57.91	58.02	-1.11	0.11
OW-17	Black Creek Aquifer	44.87	44.82	43.53	33.82	33.42	33.55	9.98	0.13
OW-18	Black Creek Aquifer	47.17	47.37	48.61	46.79	46.76	46.79	1.82	0.03
OW-19	Black Creek Aquifer	46.36	46.23	46.68	33.38	32.36	32.51	14.17	0.15
OW-21	Black Creek Aquifer	45.13	45.00	45.51	34.20	33.75	33.90	11.61	0.15
OW-24	Black Creek Aquifer	43.17	43.15	43.73	32.45	32.15	32.30	11.43	0.15
OW-26	Black Creek Aquifer	55.22	55.16	54.84	41.45	41.38	41.25	13.59	0.13
OW-29	Black Creek Aquifer	59.58	59.54	59.14	44.49	44.57	44.35	14.79	0.22
OW-31	Black Creek Aquifer	60.44	60.41	60.07	40.04	39.90	39.85	20.22	0.05
OW-34	Surficial Aquifer	62.98	62.81	62.03	67.63	67.51	67.56	-5.53	0.05
OW-35	Surficial Aquifer	66.33	66.10	65.67	69.03	69.03	69.39	-3.72	0.36
OW-36	Surficial Aquifer	62.72	62.61	62.07	64.06	63.35	63.66	-1.59	0.31
OW-37	Surficial Aquifer	Well Installed June 21, 2023			56.72	56.59	56.62	N/A	0.03
OW-38	Black Creek Aquifer	Well Installed September 22, 2022		61.93	63.96	63.97	63.88	-1.95	0.09
OW-51	Black Creek Aquifer	Well Installed June 20, 2023			31.52	31.30	31.45	N/A	0.15
Median (Black Creek Aquifer wells)		46.77	46.80	48.70	34.60	33.79	33.92	11.76	0.15
Median (Surficial Aquifer wells)		62.98	62.81	62.07	65.85	65.43	65.61	-3.72	0.18

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Jan. 26 (0.61)* *Jan. 27 (0.00)* *Jan. 28 (0.00)*	*Feb. 15 (0.29)* *Feb. 16 (0.87)* *Feb. 17 (0.00)*	*Mar. 23 (0.00)* *Mar. 24 (0.01)* *Mar. 25 (0.00)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**							
		Baseline			**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**January 29, 2025**	**February 18, 2025**	**March 26, 2025**	**March 26, 2025 vs. January 30, 2023**	**March 26, 2025 vs. February 18, 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	40.32	40.42	40.56	N/A	0.14
OW-09/09R	Black Creek Aquifer	59.61	59.57	Abandoned; Replaced Aug 1, 2023	40.33	40.45	40.56	N/A	0.11
OW-20	Black Creek Aquifer	46.34	46.24	46.53	38.07	38.47	39.69	6.84	1.22
OW-22	Black Creek Aquifer	43.95	43.89	44.50	38.06	38.47	39.70	4.80	1.23
OW-23	Black Creek Aquifer	43.27	43.18	43.86	37.88	38.25	39.28	4.58	1.03
OW-25	Black Creek Aquifer	41.95	41.90	42.52	37.71	38.09	38.79	3.73	0.70
OW-32	Black Creek Aquifer	Well Installed August 2, 2023			38.59	38.42	38.39	N/A	0.03
OW-39	Black Creek Aquifer	Well Installed August 1, 2023			40.38	40.52	40.67	N/A	0.15
OW-44	Black Creek Aquifer	36.51	36.31	36.28	34.98	35.09	36.03	0.25	0.94
OW-45	Black Creek Aquifer	44.39	44.20	44.78	39.31	40.08	40.71	4.07	0.63
OW-46	Black Creek Aquifer	46.28	46.20	46.59	38.04	38.46	39.70	6.89	1.24
OW-47	Black Creek Aquifer	43.84	43.72	44.33	37.82	38.24	39.47	4.86	1.23
OW-48	Black Creek Aquifer	43.11	43.06	43.69	37.74	38.14	39.09	4.60	0.95
OW-49	Black Creek Aquifer	42.13	42.06	42.67	37.71	38.11	38.81	3.86	0.70
OW-50	Black Creek Aquifer	41.42	41.35	42.01	38.93	39.31	40.14	1.87	0.83
OW-52	Black Creek Aquifer	Well Installed August 2, 2023			37.53	37.94	39.21	N/A	1.27
OW-53	Black Creek Aquifer	Well Installed October 11, 2023			37.95	38.32	39.65	N/A	1.33
PIW-4D	Black Creek Aquifer	43.59	43.45	43.90	39.15	39.94	40.53	3.37	0.59
PIW-5S/5SR	Surficial Aquifer	59.70	59.52	58.82	Dry	Dry	Dry	N/A	N/A
PW-10R/10RR	Black Creek Aquifer	47.78	47.62	47.99	38.60	39.17	40.15	7.84	0.98
PIW-10DR	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			40.38	40.32	40.42	N/A	0.10
Median (Black Creek Aquifer wells)		43.84	43.72	43.90	38.07	38.47	39.70	4.58	0.88
Observation Wells >200 ft Downgradient of Barrier Wall: 14 Wells									
LTW-02	Black Creek Aquifer	42.97	42.80	43.50	39.24	40.03	40.54	2.96	0.51
LTW-03	Floodplain	38.05	37.93	39.27	36.76	37.32	37.74	1.53	0.42
LTW-05	Black Creek Aquifer	41.24	41.20	41.93	37.37	37.83	38.44	3.49	0.61
OW-16	Black Creek Aquifer	35.39	35.24	36.69	34.17	34.71	36.16	0.53	1.45
OW-27	Black Creek Aquifer	41.16	41.12	41.70	38.76	39.11	39.92	1.78	0.81
OW-28	Black Creek Aquifer	40.04	40.01	40.63	38.58	37.98	39.66	0.97	1.68
OW-30	Black Creek Aquifer	40.38	40.33	40.98	39.45	39.27	39.67	1.31	0.40
OW-33	Black Creek Aquifer	40.42	40.39	41.07	39.24	39.64	39.99	1.08	0.35
OW-40	Black Creek Aquifer	40.58	40.53	40.66	40.75	40.33	40.40	0.26	0.07
PIW-3D	Black Creek Aquifer	35.39	35.26	36.61	34.26	34.85	36.02	0.59	1.17
PIW-7S	Floodplain	42.28	42.16	43.03	37.40	37.91	38.80	4.23	0.89
PIW-7D	Black Creek Aquifer	43.18	43.10	43.78	37.93	38.36	39.38	4.40	1.02
PW-11	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			43.52	43.56	43.80	N/A	0.24
PZ-22	Black Creek Aquifer	43.24	43.15	43.81	37.80	38.27	39.45	4.36	1.18
Median (Black Creek Aquifer wells)		40.58	40.53	41.07	38.67	38.74	39.67	1.31	0.71

Table 6-1
Summary of Groundwater Level Information
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):		*Aug 1 (0.00)* *Aug 2 (0.00)* *Aug 3 (0.00)*	*Aug 14 (0.41)* *Aug 15 (0.09)* *Aug 16 (0.00)*	*Jan 27 (0.00)* *Jan 28 (0.00)* *Jan 29 (0.08)*	*Jan. 26 (0.61)* *Jan. 27 (0.00)* *Jan. 28 (0.00)*	*Feb. 15 (0.29)* *Feb. 16 (0.87)* *Feb. 17 (0.00)*	*Mar. 23 (0.00)* *Mar. 24 (0.01)* *Mar. 25 (0.00)*	**Most Recent Calculated Head Differential (feet, positive value indicates drawdown)**	**Change in Magnitude of Head Differential**
Well ID	**Aquifer**	**Groundwater Elevation from Water Level Gauging Events (feet, NAVD88)**							
		Baseline			**Monthly O&M**	**Monthly O&M**	**Monthly O&M**		
		August 4, 2022	**August 17, 2022**	**January 30, 2023**	**January 29, 2025**	**February 18, 2025**	**March 26, 2025**	**March 26, 2025 vs. January 30, 2023**	**March 26, 2025 vs. February 18, 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)			Not Gauged	80.38	80.23	N/A	0.15
BCA-02	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			71.07	70.34	70.08	N/A	0.26
NAF-11B	Surficial Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			Dry	Dry	Dry	N/A	N/A
OW-59	Black Creek Aquifer	Well Installed November 5, 2024			49.74	49.47	49.33	N/A	0.14
PIW-2D	Black Creek Aquifer	58.08	57.94	57.64	57.11	57.06	57.05	0.59	0.01
PW-02	Surficial Aquifer	87.27	87.00	85.32	83.98	83.69	83.53	1.79	0.16
PW-03	Surficial Aquifer	104.95	104.87	104.39	104.87	104.52	104.70	-0.31	0.18
PW-04	Surficial Aquifer	68.40	68.33	67.49	69.45	69.00	69.49	-2.00	0.49
PW-14	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			82.27	82.12	81.78	N/A	0.34
PW-15R	Black Creek Aquifer	Not Gauged (Interim Remedy Location; Pump Removed by August 23, 2023)			69.77	70.29	69.64	N/A	0.65
SMW-03B	Black Creek Aquifer	89.92	89.71	87.73	86.71	86.56	86.34	1.39	0.22
SMW-09	Surficial Aquifer	82.14	82.03	80.43	81.58	81.04	80.84	-0.41	0.20
Median (Surficial Aquifer wells)		84.71	84.52	82.88	82.78	82.37	82.19	-0.36	0.19
Median (Black Creek Aquifer wells)		74.00	73.83	72.69	70.42	70.34	70.08	0.99	0.22

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. For March 24-31, 2025, precipitation data 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.
N/A - Not applicable
NAVD88 - North American Vertical Datum of 1988

Table 6-2
Summary of Willis Creek Water Elevation
Quarterly Report #9 (Jan - Mar 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)	400860.53	401024.41	401646.78	402016.63	401962.63
			Easting (ft, NAD83)	2051468.69	2051350.45	2051305.12	2050643.45	2050222.86
			Top of Casing Elevation (ft, NAD88)	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, NAD88)					
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	31.6	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	32.3	36.74
Mar. 24 (0.00)	Mar. 25 (0.00)	Mar. 26 (0.00)	March 27, 2024	30.9	dry	33.35	32.43	36.86
Apr. 26 (0.00)	Apr.27 (0.00)	Apr. 28 (0.00)	April 29, 2024	30.9	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	32.7	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	31.4	32.12	33.47	32.1	36.28
Jan. 26 (0.00)	Jan. 27 (0.61)	Jan. 28 (0.00)	January 29, 2025	30.92	32	33.49	32.1	36.38
Feb. 15 (0.29)	Feb. 16 (0.87)	Feb. 17 (0.00)	February 18, 2025	flooded	flooded	flooded	32.25	36.6
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

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. For March 24-31, 2025, precipitation data 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.

ft - foot N/A- Not applicable NAD83 - North American Datum of 1983 NAVD88 - North American Vertical Datum of 1988

Table 6-3
PFAS Concentrations in Downgradient Groundwater Monitoring Wells
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																		
	LTW-01									LTW-02									
	CAP1Q23-LTW-01-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-01-051723 Sample Date: 17-May-23	CAP3Q23-LTW-01-071323 Sample Date: 13-Jul-23	CAP4Q23-LTW-01-110323 Sample Date: 3-Nov-23	CAP1Q24-LTW-01-011724 Sample Date: 17-Jan-24	CAP2Q24-LTW-01-041524 Sample Date: 15-Apr-24	CAP3Q24-LTW-01-072624 Sample Date: 26-Jul-24	CAP4Q24-LTW-01-101024 Sample Date: 10-Oct-24	CAP1Q25-LTW-01-012825 Sample Date: 28-Jan-25	CAP1Q23-LTW-02-021623 Sample Date: 16-Feb-23	CAP2Q23-LTW-02-051723 Sample Date: 17-May-23	CAP3Q23-LTW-02-071223 Sample Date: 12-Jul-23	CAP4Q23-LTW-02-110323 Sample Date: 3-Nov-23	CAP1Q24-LTW-02-011724 Sample Date: 17-Jan-24	CAP2Q24-LTW-02-041524 Sample Date: 15-Apr-24	CAP3Q24-LTW-02-071824 Sample Date: 18-Jul-24	CAP4Q24-LTW-02-100824 Sample Date: 8-Oct-24	CAP1Q25-LTW-02-012125 Sample Date: 21-Jan-25
Hfpo Dimer Acid	**18,000**	**18,000**	**8,500**	**15,000**	**15,000**	**17,000**	**16,000**	**7,800**	**14,000**	**2,800**	**7,000**	**6,800 J**	**9,800**	**12,000**	**16,000**	**14,000**	**16,000**	**15,000**
PFMOAA	**23,000**	**21,000**	**27,000**	**24,000**	**12,000**	**14,000**	**20,000**	**7,500**	**19,000**	**9,300**	**17,000**	**31,000**	**27,000**	**32,000**	**24,000**	**31,000**	**36,000**	**32,000**
PFO2HxA	**23,000**	**21,000**	**28,000**	**25,000**	**17,000**	**19,000**	**20,000**	**13,000**	**16,000**	**4,800**	**10,000**	**22,000**	**21,000**	**28,000**	**21,000**	**22,000**	**26,000**	**26,000**
PFO3OA	**5,700**	**5,300**	**6,400**	**5,700**	**3,300**	**4,200**	**5,500**	**2,000**	**4,400**	**1,100**	**1,900**	**3,700**	**4,100**	**5,200**	**4,900**	**5,300**	**6,500**	**6,000**
PFO4DA	**1,300**	**1,500**	**1,600**	**1,300**	**950**	**1200**	**960**	**1,100**	**1,100**	**86**	**120**	**180**	**160**	**200**	**260**	**270**	**410**	**370**
PFO5DA	**170**	**170**	**200**	**210**	**140**	**160**	<130	**210**	<130	<78	<78	<2.0	<100	<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**	**1,800**	**5,700**	**11,000**	**11,000**	**14,000**	**13,000 J**	**13,000**	**15,000**	**12,000**
PEPA	**5,900**	**5,700**	**7,200**	**6,200**	**6,800**	**4,900**	**5,100**	**3,100**	**4,300**	**580**	**1,800**	**3,600**	**3,500**	**5,100**	**3,700**	**3,700**	**4,400**	**3,800**
PS Acid	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63
Hydro-PS Acid	**310**	**300**	**280**	**280**	**200**	**250**	**150**	**390**	**250**	<6.1	**15**	**17**	<44	<55	<55	<55	<55	<63
R-PSDA	**960 J**	<71	**940 J**	**790 J**	**830 J**	**730 J**	**950 J**	**490 J**	**1,100 J**	<71	<71	**620 J**	**520 J**	**780 J**	**650 J**	**860 J**	**1,300 J**	**1,200 J**
Hydrolyzed PSDA	**560 J**	**690 J**	**760 J**	**590 J**	**83 J**	**530 J**	**570 J**	**90 J**	**760 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**
R-PSDCA	<17	<17	**6.9**	<140	<180	<180	<180	<180	<94	<17	<17	<3.0	<140	<180	<180	<180	<180	<94
NVHOS, Acid Form	**390**	**440**	**320**	**430**	**270**	**330**	**350**	<160	**340**	**160**	**300**	**320**	**410**	**450**	**510**	**460**	**640**	**570**
EVE Acid	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210
Hydro-EVE Acid	**160**	**140**	**150**	**140**	**51**	**110**	**100**	**72**	**130**	<14	**38**	**39**	**42**	<30	**75**	**74**	**110**	**100**
R-EVE	**550 J**	**580 J**	**560 J**	**530 J**	**310 J**	**760 J**	**560 J**	**170 J**	**520 J**	<72	<72	**260 J**	**410 J**	**440 J**	**900 J**	**650 J**	**880 J**	**680 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63
PFECA B	<27	<27	<2.0	<62	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<2.0	<29	<36	<36	<36	<36	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63
PFPrA	--	--	**22,000**	**24,000**	**15,000**	**16,000**	**20,000**	**7,900**	**19,000**	--	--	**16,000**	**21,000**	**23,000**	**20,000**	**21,000**	**22,000**	**24,000**
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**	**20,600**	**43,900**	**78,700**	**77,000**	**97,000**	**83,400**	**89,800**	**105,000**	**95,800**
Total Table 3+ (18 compounds)[2,4]	--	--	**121,000**	**120,000**	**85,700**	**91,200**	**101,000**	**50,500**	**90,500**	--	--	**94,700**	**98,000**	**120,000**	**103,000**	**111,000**	**127,000**	**120,000**
Total Table 3+ (21 compounds)[2,5]	--	--	**123,000**	**122,000**	**86,900**	**93,200**	**103,000**	**51,200**	**92,900**	--	--	**96,800**	**100,000**	**123,000**	**107,000**	**114,000**	**132,000**	**125,000**

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																		
	LTW-03									LTW-04									
	CAP1Q23-LTW-03-022123 Sample Date: 21-Feb-23	CAP2Q23-LTW-03-052323 Sample Date: 23-May-23	CAP3Q23-LTW-03-071223 Sample Date: 12-Jul-23	CAP4Q23-LTW-03-111323 Sample Date: 13-Nov-23	CAP1Q24-LTW-03-013124 Sample Date: 31-Jan-24	CAP2Q24-LTW-03-041524 Sample Date: 15-Apr-24	CAP3Q24-LTW-03-072924 Sample Date: 29-Jul-24	CAP4Q24-LTW-03-101024 Sample Date: 10-Oct-24	CAP1Q25-LTW-03-012925 Sample Date: 29-Jan-25	CAP1Q23-LTW-04-021723 Sample Date: 17-Feb-23	CAP2Q23-LTW-04-052323 Sample Date: 23-May-23	CAP3Q23-LTW-04-071123 Sample Date: 11-Jul-23	CAP4Q23-LTW-04-110223 Sample Date: 2-Nov-23	CAP1Q24-LTW-04-011624 Sample Date: 16-Jan-24	CAP2Q24-LTW-04-041024 Sample Date: 10-Apr-24	CAP3Q24-LTW-04-072424 Sample Date: 24-Jul-24	CAP4Q24-LTW-04-100924 Sample Date: 9-Oct-24	CAP1Q25-LTW-04-012825 Sample Date: 28-Jan-25
Hfpo Dimer Acid	**11,000**	**10,000**	**8,600**	**5,800 J**	**7,800**	**11,000**	**9,800**	**7,600**	**7,700**	**18,000**	**19,000**	**9,800 J**	**17,000**	**17,000**	**21,000**	**20,000**	**14,000**	**21,000**
PFMOAA	**120,000**	**120,000**	**140,000 J**	**110,000 J**	**86,000**	**110,000**	**120,000**	**89,000**	**75,000 J**	**55,000**	**55,000**	**57,000 J**	**61,000**	**55,000**	**40,000**	**57,000**	**44,000**	**60,000 J**
PFO2HxA	**34,000**	**41,000**	**49,000 J**	**24,000 J**	**28,000**	**26,000**	**37,000**	**34,000**	**24,000**	**23,000**	**28,000**	**29,000**	**26,000**	**26,000**	**24,000**	**24,000**	**25,000**	**27,000**
PFO3OA	**5,800**	**6,700**	**7,600**	**5,900**	**3,800**	**6,100**	**6,000**	**5,100**	**4,100**	**4,400**	**5,200**	**5,200**	**5,300**	**5,100**	**4,100**	**5,500**	**3,400**	**4,300**
PFO4DA	**200**	**220**	**230**	**240**	**150**	**160**	**230**	**160**	**150**	**630**	**620**	**780**	**650**	**560**	**640**	**650**	**360**	**580**
PFO5DA	<78	<78	<2.0	<2.0	<130	<130	<130	<130	<130	<78	<78	**26**	<100	<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**	**17,000**	**16,000**	**20,000**	**17,000**	**16,000**	**16,000**	**18,000**	**12,000**	**15,000**
PEPA	**3,400**	**3,500**	**3,600**	**3,700**	**2,200**	**2,800**	**3,400**	**2,800**	**2,400**	**6,400**	**6,000**	**6,900**	**6,100**	**5,500**	**5,500**	**6,600**	**4,300**	**5,000**
PS Acid	<20	<20	<2.0	<2.0	<50 UJ	<50 UJ	<50	<50	<63	<20	<20	**5**	<40	<50	<50	<50	<50	<63
Hydro-PS Acid	<6.1	**28**	**26**	**26**	<55	<55	<55	**63**	<63	**170**	**210**	**190**	**180**	**150**	**180**	**160**	**120**	**190**
R-PSDA	**1,000 J**	**950 J**	**900 J**	**870 J**	**770 J**	**760 J**	**1,000 J**	**630 J**	**1,000 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**
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**	**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**
R-PSDCA	<17	<17	<3.0	<3.0	<180	<180	<180	<180	<94	<17	<17	**12**	<140	<180	<180	<180	<180	<94
NVHOS, Acid Form	**1,300**	**1,300**	**1,900**	**1,400**	**1,100**	**1,200**	**1,400**	**990**	**1,100**	**1,300**	**1,200**	**1,400**	**1,100**	**1,200**	**1,000**	**1,300**	**890**	**1,400**
EVE Acid	<17	<17	<2.0	<2.0	<50 UJ	<50 UJ	<50	<50	<210	<17	<17	<2.0	<40	<50	<50	<50	<50	<210
Hydro-EVE Acid	**71**	**64**	**63**	**56**	**42**	**52**	**64**	**53**	<63	**500**	**390**	**540**	**470**	**370**	**390**	**410**	**260**	**450**
R-EVE	**520 J**	**430 J**	**150 J**	**180 J**	**320 J**	**730 J**	**500 J**	**260 J**	**400 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**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	**6.1**	**6**	<36	<36	<36	<36	<63	<6.7	<6.7	**8.2**	<29	<36	<36	<36	<36	<63
PFECA B	<27	<27	<2.0	<2.0	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<2.0	<2.0	<36	<36	<36	<36	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63
PFPrA	--	--	**62,000 J**	**61,000 J**	**47,000**	**52,000**	**41,000**	**36,000**	**49,000**	--	--	**53,000**	**48,000**	**43,000 J**	**39,000**	**47,000**	**35,000**	**61,000 J**
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**	**126,000**	**132,000**	**131,000**	**135,000**	**127,000**	**113,000**	**134,000**	**104,000**	**135,000**
Total Table 3+ (18 compounds)[2,4]	--	--	**289,000**	**230,000**	**187,000**	**222,000**	**235,000**	**188,000**	**174,000**	--	--	**184,000**	**183,000**	**170,000**	**152,000**	**181,000**	**139,000**	**196,000**
Total Table 3+ (21 compounds)[2,5]	--	--	**296,000**	**238,000**	**193,000**	**232,000**	**245,000**	**194,000**	**184,000**	--	--	**190,000**	**190,000**	**175,000**	**159,000**	**189,000**	**143,000**	**205,000**

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																	
	LTW-05									OW-28								
	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23	CAP3Q23-LTW-05-071123 Sample Date: 11-Jul-23	CAP4Q23-LTW-05-110223 Sample Date: 2-Nov-23	CAP1Q24-LTW-05-011524 Sample Date: 15-Jan-24	CAP2Q24-LTW-05-041024 Sample Date: 10-Apr-24	CAP3Q24-LTW-5-072524 Sample Date: 25-Jul-24	CAP4Q24-LTW-05-100924 Sample Date: 9-Oct-24	CAP1Q25-LTW-05-012725 Sample Date: 27-Jan-25	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	CAP2Q23-OW-28-052523 Sample Date: 25-May-23	CAP3Q23-OW-28-071123 Sample Date: 11-Jul-23	CAP4Q23-OW-28-110223 Sample Date: 2-Nov-23	CAP1Q24-OW-28-011824 Sample Date: 18-Jan-24	CAP2Q24-OW-28-041624 Sample Date: 16-Apr-24	CAP3Q24-OW-28-071824 Sample Date: 18-Jul-24	CAP4Q24-OW-28-100824 Sample Date: 8-Oct-24	CAP1Q25-OW-28-010925 Sample Date: 9-Jan-25
Hfpo Dimer Acid	**18,000**	**19,000 J**	**9,000**	**18,000**	**31,000**	**26,000**	**28,000**	**12,000**	**31,000**	**4,800**	**4,800**	**4,400**	**4,400**	**3,800**	**4,500**	**3,600**	**4,000**	**3,400**
PFMOAA	**120,000**	**130,000 J**	**120,000 J**	**170,000**	**200,000**	**140,000**	**170,000**	**73,000 J**	**110,000 J**	**1,500**	**1,900**	**1,600**	**1,600**	**1,600**	**1,100**	**1,500**	**1,600**	**1,400**
PFO2HxA	**36,000**	**48,000 J**	**41,000 J**	**58,000**	**68,000**	**57,000**	**63,000**	**27,000 J**	**55,000 J**	**2,500**	**3,500**	**3,400**	**3,100**	**3,300**	**2,400**	**2,200**	**2,500**	**2,800**
PFO3OA	**8,300**	**11,000 J**	**9,500**	**14,000**	**21,000**	**14,000**	**20,000**	**6,600 J**	**15,000**	**510**	**670**	**550**	**680**	**620**	**510**	**360**	**480**	**540**
PFO4DA	**2,100**	**2,100 J**	**2,000**	**1,900**	**2,300**	**1,900**	**1,800**	**1,000**	**1,700**	**110**	**83**	**94**	**120**	**85**	**76**	**89**	**110**	**99**
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<130	<130	<130	<130	<78	<78	<2.0	<100	<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**	**5,000**	**6,400**	**5,200**	**6,000**	**5,700**	**4,600 J**	**4,600**	**4,400**	**4,900**
PEPA	**620**	**530 J**	**440**	**510**	**1,800**	**540**	**740**	**410 J**	**960**	**1,900**	**2,500**	**1,800**	**2,200**	**2,800**	**1,700**	**1,400**	**1,600**	**1,900**
PS Acid	<20	<20 UJ	<2.0	<40	<50	<50	<50	<50	<63	<20	<20	<2.0	<40	<50	<50 UJ	<50	<50	<63
Hydro-PS Acid	**190**	**190 J**	**200**	**200**	**330**	**170**	**190**	**130**	**220**	**75**	**74**	**75**	**75**	**84**	**70**	**68**	**79**	**71**
R-PSDA	**490 J**	**670 J**	**500 J**	**950 J**	**1,300 J**	**1,200 J**	**1,300 J**	**690 J**	**2,100 J**	**340 J**	**310 J**	**250 J**	**230 J**	**280 J**	**210 J**	**230 J**	**360 J**	**270 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**	<38	<38	**2.2 J**	<27 UJ	<34	<34	<34	<34	<160
R-PSDCA	**19**	<17 UJ	**17**	<140	<180	<180	<180	<180	<94	<17	<17	<3.0	<140	<180	<180	<180	<180	<94
NVHOS, Acid Form	**1,100**	**1,300 J**	**1,000**	**1,500**	**2,100**	**1,400**	**1,900**	**880 J**	**2,100**	**110**	<15	**31**	<130	<160	<160	<160	<160	<94
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<50	<50	<50	<210	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210
Hydro-EVE Acid	**750**	**720 J**	**720**	**770**	**1,300**	**650**	**740**	**490 J**	**890**	<14	<14	**14**	<24	<30	<30	<30	<30	<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**	**190 J**	**180 J**	**380 J**	**140 J**	**120 J**	**230 J**	**130 J**	**160 J**	**160 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7 UJ	**11**	<29	<36	<36	<36	<36	<63	<6.7	<6.7	<2.0	<29	<36	<36	<36	<36	<63
PFECA B	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78	<27	<27	<2.0	<62	<78	<78	<78	<78	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63	<48	<48	<2.0	<29	<36	<36	<36	<36	<63
PFPrA	--	--	**83,000 J**	**120,000**	**120,000**	**100,000**	**85,000**	**44,000 J**	**110,000 J**	--	--	**5,200**	**5,500**	**6,500**	**4,000**	**4,000**	**4,100**	**4,200**
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**	**16,500**	**19,900**	**17,200**	**18,200**	**18,000**	**15,000**	**13,800**	**14,800**	**15,100**
Total Table 3+ (18 compounds)[2,4]	--	--	**271,000**	**390,000**	**457,000**	**347,000**	**378,000**	**168,000**	**334,000**	--	--	**22,400**	**23,700**	**24,500**	**19,000**	**17,800**	**18,900**	**19,300**
Total Table 3+ (21 compounds)[2,5]	--	--	**273,000**	**394,000**	**462,000**	**352,000**	**383,000**	**171,000**	**341,000**	--	--	**23,000**	**24,000**	**24,900**	**19,400**	**18,200**	**19,400**	**19,700**

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																	
	OW-33									PIW-1D								
	CAP1Q23-OW-33-021423 Sample Date: 14-Feb-23	CAP2Q23-OW-33-051823 Sample Date: 18-May-23	CAP3Q23-OW-33-071223 Sample Date: 12-Jul-23	CAP4Q23-OW-33-110223 Sample Date: 2-Nov-23	CAP1Q24-OW-33-013024 Sample Date: 30-Jan-24	CAP2Q24-OW-33-041624 Sample Date: 16-Apr-24	CAP3Q24-OW-33-071624 Sample Date: 16-Jul-24	CAP4Q24-OW-33-100824 Sample Date: 8-Oct-24	CAP1Q25-OW-33-010925 Sample Date: 9-Jan-25	CAP1Q23-PIW-1D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-1D-052323 Sample Date: 23-May-23	CAP3Q23-PIW-1D-080223 Sample Date: 2-Aug-23	CAP4Q23-PIW-1D-110723 Sample Date: 7-Nov-23	CAP1Q24-PIW-1D-012224 Sample Date: 22-Jan-24	CAP2Q24-PIW-1D-041524 Sample Date: 15-Apr-24	CAP3Q24-PIW-1D-072324 Sample Date: 23-Jul-24	CAP4Q24-PIW-1D-100824 Sample Date: 8-Oct-24	CAP1Q25-PIW-1D-012325 Sample Date: 23-Jan-25
Hfpo Dimer Acid	**5,300**	**5,000**	**4,000**	**4,900**	**4,400**	**6,200**	**3,900**	**5,400**	**4,500**	**9,800**	**9,900**	**9,200 J**	**8,800**	**8,600**	**11,000**	**11,000**	**4,900**	**12,000**
PFMOAA	**7,900**	**8,400**	**11,000**	**9,800**	**7,700**	**6,500**	**9,100**	**8,700**	**8,100**	**12,000**	**12,000**	**11,000 J**	**9,900**	**10,000**	**7,500**	**9,900**	**3,200**	**5,300**
PFO2HxA	**4,700**	**4,300**	**6,500**	**5,900**	**3,800**	**4,500**	**5,000**	**4,700**	**5,300**	**8,800**	**11,000**	**9,900 J**	**12,000**	**9,800**	**8,400**	**9,900**	**4,200**	**7,700**
PFO3OA	**810**	**840**	**1,100**	**1,100**	**560**	**790**	**550**	**740**	**890**	**1,500**	**1,700**	**1,600**	**1,700**	**1,900**	**1,600**	**1,900**	**700**	**1,500**
PFO4DA	<59	<59	71	**66**	<50	<50	**39**	<50	<63	**430**	**440**	**410**	**430**	**250**	**440**	**320**	**200**	**270**
PFO5DA	<78	<78	<2.0	<100	<130	<130	<2.0	<130	<130	<78	<78	<100	<100	<130	<130	<130	<130	<63
PMPA	**4,800**	**5,200**	**6,100**	**6,000**	**4,500**	**5,000 J**	**5,400**	**5,400**	**5,700**	**7,800**	**9,000**	**9,600 J**	**8,600**	**9,800**	**8,200 J**	**12,000**	**3,700**	**8,600**
PEPA	**2,000**	**1,800**	**2,300**	**2,200**	**1,300**	**1,700**	**1,800**	**1,800**	**2,100**	**2,600**	**3,000**	**3,200**	**3,100**	**3,700**	**2,900**	**3,500**	**1,200**	**3,100**
PS Acid	<20	<20	**8**	<40	<50 UJ	<50 UJ	<2.0	<50	<63	<20	<20	<40	<40	<50	<50 UJ	<50	<50	<31
Hydro-PS Acid	**29**	**53**	**43**	<44	<55	<55	**32**	<55	<63	**87**	**98**	**86**	**76**	**95**	**77**	<55	**170**	**84**
R-PSDA	**280 J**	<71	**290 J**	**250 J**	**210 J**	**240 J**	**320 J**	**360 J**	**370 J**	**330 J**	**380 J**	**370 J**	**320 J**	**380 J**	**330 J**	**480 J**	**290 J**	**720 J**
Hydrolyzed PSDA	<38	<38	**58 J**	**61 J**	**38 J**	**48 J**	**100 J**	**62 J**	<160	<38	<38	<27	<27	<34	<34	<34	<34	<78
R-PSDCA	<17	<17	<3.0	<140	<180	<180	<3.0	<180	<94	<17	<17	<140	<140	<180	<180	<180	<180	<47
NVHOS, Acid Form	**170**	**240**	**130**	**140**	<160	<160	**120**	**160**	**130**	**190**	**160**	**150 J**	**140**	<160	<160	<160	<160	**93**
EVE Acid	<17	<17	<2.0	<40	<50 UJ	<50 UJ	<2.0	<50	<210	<17	<17	<40	<40	<50	<50 UJ	<50	<50	<110
Hydro-EVE Acid	<14	<14	**14**	<24	<30	<30	**11**	<30	<63	**31**	<14	**29**	**28**	**32**	<30	<30	<30	<31
R-EVE	**130 J**	<72	**220 J**	**170 J**	**140 J**	**300 J**	**330 J**	**230 J**	**220 J**	**190 J**	**200 J**	**280 J**	**220 J**	**180 J**	**390 J**	**350 J**	**150 J**	**500 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<2.0	<29	<36	<36	<2.0	<36	<63	<6.7	<6.7	<29	<29	<36	<36	<36	<36	<31
PFECA B	<27	<27	<2.0	<62	<78	<78	<2.0	<78	<78	<27	<27	<62	<62	<78	<78	<78	<78	<39
PFECA-G	<48	<48	<2.0	<29	<36	<36	<2.0	<36	<63	<48	<48	<29	<29	<36	<36	<36	<36	<31
PFPrA	--	--	**9,900**	**9,400**	**7,300**	**7,400**	**8,300**	**7,400**	**7,500**	--	--	**12,000 J**	**12,000**	**11,000**	**10,000**	**12,000**	**4,300**	**10,000**
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**	**43,200**	**47,300**	**45,200**	**44,800**	**44,200**	**40,100**	**48,500**	**18,300**	**38,600**
Total Table 3+ (18 compounds)[2,4]	--	--	**41,200**	**39,500**	**29,600**	**32,100**	**34,300**	**34,300**	**34,200**	--	--	**57,200**	**56,800**	**55,200**	**50,100**	**60,500**	**22,600**	**48,600**
Total Table 3+ (21 compounds)[2,5]	--	--	**41,700**	**40,000**	**29,900**	**32,700**	**35,000**	**35,000**	**34,800**	--	--	**57,800**	**57,300**	**55,700**	**50,800**	**61,400**	**23,000**	**49,900**

Notes:

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

2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.

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

4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.

5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																	
	PIW-7D									PIW-7S								
	CAP1Q23-PIW-7D-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7D-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7D-071123 Sample Date: 11-Jul-23	CAP4Q23-PIW-7D-110223 Sample Date: 2-Nov-23	CAP1Q24-PIW-7D-011524 Sample Date: 15-Jan-24	CAP2Q24-PIW-7D-041524 Sample Date: 15-Apr-24	CAP3Q24-PIW-7D-072324 Sample Date: 23-Jul-24	CAP4Q24-PIW-7D-101024 Sample Date: 10-Oct-24	CAP1Q25-PIW-7D-010925 Sample Date: 9-Jan-25	CAP1Q23-PIW-7S-021523 Sample Date: 15-Feb-23	CAP2Q23-PIW-7S-052223 Sample Date: 22-May-23	CAP3Q23-PIW-7S-071123 Sample Date: 11-Jul-23	CAP4Q23-PIW-7S-110223 Sample Date: 2-Nov-23	CAP1Q24-PIW-7S-011524 Sample Date: 15-Jan-24	CAP2Q24-PIW-7S-041024 Sample Date: 10-Apr-24	CAP3Q24-PIW-7S-072424 Sample Date: 24-Jul-24	CAP4Q24-PIW-7S-100924 Sample Date: 9-Oct-24	CAP1Q25-PIW-7S-011525 Sample Date: 15-Jan-25
Hfpo Dimer Acid	**17,000**	**8,800 J**	**9,600 J**	**13,000**	**14,000**	**16,000**	**16,000**	**8,000**	**14,000**	**15,000**	**12,000 J**	**8,000**	**12,000**	**13,000**	**17,000**	**16,000**	**6,600**	**12,000**
PFMOAA	**140,000**	**130,000 J**	**140,000 J**	**150,000**	**150,000**	**110,000**	**120,000**	**54,000**	**120,000 J**	**18,000**	**16,000 J**	**15,000**	**17,000**	**17,000**	**120,000**	**16,000**	**5,700**	**14,000**
PFO2HxA	**47,000**	**37,000 J**	**42,000 J**	**43,000**	**38,000**	**35,000**	**35,000**	**21,000**	**44,000**	**13,000**	**12,000 J**	**11,000**	**12,000**	**13,000**	**40,000**	**12,000**	**5,000**	**10,000**
PFO3OA	**9,200**	**5,900 J**	**6,800**	**6,100**	**6,500**	**6,500**	**7,200**	**2,800**	**6,000**	**5,100**	**3,800 J**	**2,800**	**4,300**	**3,800**	**6,000**	**4,400**	**1,700**	**3,700**
PFO4DA	**1,700**	**1,100 J**	**890**	**1,000**	**870**	**950**	**860**	**410**	**1,100**	**660**	**440 J**	**350**	**420**	**400**	**880**	**560**	**200**	**420**
PFO5DA	<78	<78 UJ	<2.0	<100	<130	<130	<130	<130	<130	<78	<78 UJ	**19**	<100	<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**	**11,000**	**7,900 J**	**6,900**	**9,200**	**9,500**	**5,100**	**9,900**	**3,800**	**8,700**
PEPA	**1,100**	**950 J**	**950**	**1,000**	**1,100**	**1,000**	**1,100**	**490**	**1,300**	**4,500**	**3,300 J**	**2,500**	**3,400**	**3,800**	**980**	**4,000**	**1,400**	**3,300**
PS Acid	<20	<20 UJ	<2.0	<40	<50	<50 UJ	<50	<50	<63	<20	<20 UJ	<2.0	<40	<50	<50	<50	<50	<63
Hydro-PS Acid	**180**	**98 J**	**110**	**110**	**110**	**99**	**86**	<55	**84**	**340**	**270 J**	**220**	**250**	**230**	**85**	**310**	**170**	**320**
R-PSDA	**710 J**	**470 J**	**460 J**	**510 J**	**570 J**	**490 J**	**700 J**	**400 J**	**870 J**	**1,200 J**	**960 J**	**710 J**	**910 J**	**790 J**	**770 J**	**1,200 J**	**600 J**	**1,300 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**	<38	**63 J**	**110 J**	**60 J**	**45 J**	**1,000 J**	**42 J**	<34	<160
R-PSDCA	<17	<17 UJ	**7.3**	<140	<180	<180	<180	<180	<94	<17	<17 UJ	**5.4**	<140	<180	<180	<180	<180	<94
NVHOS, Acid Form	**1,200**	**990 J**	**1,100**	**1,200**	**1,300**	**1,100**	**1,100**	**690**	**1,400**	**830**	**630 J**	**520**	**690**	**680**	**1100**	**790**	**380**	**730**
EVE Acid	<17	<17 UJ	<2.0	<40	<50	<50 UJ	<50	<50	<210	<17	<17 UJ	<2.0	<40	<50	<50	<50	<50	<210
Hydro-EVE Acid	**610**	**330 J**	**360**	**360**	**320**	**310**	**260**	**150**	**280**	**650**	**460 J**	**360**	**430**	**360**	**280**	**500**	**240**	**450**
R-EVE	**870 J**	**550 J**	**560 J**	**680 J**	**540 J**	**1,600 J**	**790 J**	**510 J**	**980 J**	**1,400 J**	**1,000 J**	**820 J**	**1,200 J**	**880 J**	**890 J**	**1,400 J**	**680 J**	**1,500 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	**12**	<6.7 UJ	**8.5**	<29	<36	<36	<36	<36	<63	<6.7	<6.7 UJ	**3.3**	<29	<36	<36	<36	<36	<63
PFECA B	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78	<27	<27 UJ	<2.0	<62	<78	<78	<78	<78	<78
PFECA-G	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63	<48	<48 UJ	<2.0	<29	<36	<36	<36	<36	<63
PFPrA	--	--	**79,000 J**	**86,000**	**71,000 J**	**67,000**	**70,000**	**33,000**	**68,000 J**	--	--	**14,000**	**18,000**	**17,000 J**	**62,000**	**17,000**	**6,400**	**13,000**
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**	**69,100**	**56,800**	**47,700**	**59,700**	**61,800**	**191,000**	**64,500**	**25,200**	**53,600**
Total Table 3+ (18 compounds)[2,4]	--	--	**285,000**	**307,000**	**289,000**	**243,000**	**256,000**	**123,000**	**262,000**	--	--	**61,700**	**77,700**	**78,800**	**253,000**	**81,500**	**31,600**	**66,600**
Total Table 3+ (21 compounds)[2,5]	--	--	**287,000**	**309,000**	**291,000**	**246,000**	**259,000**	**125,000**	**266,000**	--	--	**63,300**	**79,900**	**80,500**	**256,000**	**84,100**	**32,900**	**69,400**

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																	
	PW-04									PZ-22								
	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP3Q23-PW-04-072823 Sample Date: 28-Jul-23	CAP4Q23-PW-04-110923 Sample Date: 9-Nov-23	CAP1Q24-PW-04-011724 Sample Date: 17-Jan-24	CAP2Q24-PW-04-042324 Sample Date: 23-Apr-24	CAP3Q24-PW-04-072624 Sample Date: 26-Jul-24	CAP4Q24-PW-04-100724 Sample Date: 7-Oct-24	CAP1Q25-PW-04-012325 Sample Date: 23-Jan-25	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP3Q-PZ-22-071123 Sample Date: 11-Jul-23	CAP4Q23-PZ-22-110223 Sample Date: 2-Nov-23	CAP1Q24-PZ-22-011624 Sample Date: 16-Jan-24	CAP2Q24-PZ-22-041624 Sample Date: 16-Apr-24	CAP3Q24-PZ-22-072524 Sample Date: 25-Jul-24	CAP4Q24-PZ-22-100924 Sample Date: 9-Oct-24	CAP1Q25-PZ-22-012825 Sample Date: 28-Jan-25
Hfpo Dimer Acid	**730**	**980**	**950**	**670**	**1,000**	**670**	**760**	<190	**330**	**13,000**	**12,000**	**7,300 J**	**11,000**	**11,000**	**13,000**	**12,000**	**6,900**	**11,000**
PFMOAA	**300**	**490**	**380**	**300**	**370**	**220**	**240**	**160**	**180**	**140,000**	**150,000**	**140,000**	**170,000**	**150,000**	**120,000**	**140,000**	**65,000**	**93,000 J**
PFO2HxA	**640**	**1,100**	**1,000**	**930**	**1,000**	**660**	**750**	**460**	**380**	**38,000**	**49,000**	**50,000**	**47,000**	**42,000**	**34,000**	**47,000**	**22,000**	**34,000**
PFO3OA	**330**	**520**	**520**	**340**	**450**	**270**	**330**	**150**	**270**	**3,600**	**5,400**	**4,800**	**5,400**	**5,100**	**4,100**	**6,000**	**2,600**	**5,200**
PFO4DA	**63**	**95**	**120**	**100**	**110**	**95**	**73**	**170**	**80**	**120**	**270**	**240**	**210**	**220**	**330**	**350**	**170**	**120**
PFO5DA	<78	<78	<100	<100	<130	<130	<130	<130	<63	<78	<78	<2.0	<100	<130	<130	<130	<130	<130
PMPA	**860**	**1,200**	**1,200**	**950**	**1,400**	**890**	**900**	**480**	**380**	**5,000**	**6,200**	**6,100**	**6,700**	**6,300**	**6,000 J**	**5,800**	**3,500**	**6,700**
PEPA	**330**	**440**	**480**	**320**	**590**	**320**	**310**	**110**	**120**	**1,200**	**1,500**	**1,600**	**1,500**	**1,400**	**1,300**	**1,500**	**730**	**1600**
PS Acid	<20	<20	<40	<40	<50	<50	<50	<50	<31	<20	<20	**3.1**	<40	<50	<50 UJ	<50	<50	<63
Hydro-PS Acid	**22**	<6.1	<44	<44	<55	<55	<55	**210**	**47**	**28**	**36**	**35**	<44	<55	<55	<55	<55	<63
R-PSDA	**160 J**	**150 J**	**78 J**	<28	**130 J**	**82 J**	<35	**68 J**	**82 J**	**540 J**	**560 J**	**540 J**	**510 J**	**440 J**	**480 J**	**610 J**	**370 J**	**870 J**
Hydrolyzed PSDA	<38	<38	<27	<27	<34	<34	<34	<34	<78	**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**
R-PSDCA	<17	<17	<140	<140	<180	<180	<180	<180	<47	<17	<17	**3.2**	<140	<180	<180	<180	<180	<94
NVHOS, Acid Form	<15	<15	<130	<130	<160	<160	<160	<160	<47	**1,100**	**1,300**	**1,500**	**1,200**	**1,300**	**1,200**	**1,200**	**750**	**1300**
EVE Acid	<17	<17	<40	<40	<50	<50	<50	<50	<110	<17	<17	<2.0	<40	<50	<50 UJ	<50	<50	<210
Hydro-EVE Acid	<14	<14	<24	<24	<30	<30	<30	<30	<31	**46**	**84**	**79**	**73**	**73**	**98**	**96**	**59**	**81**
R-EVE	<72	**86 J**	**49 J**	**66 J**	**66 J**	**46 J**	<39	<39	**70 J**	**450 J**	**430 J**	**220 J**	**420 J**	**300 J**	**700 J**	**440 J**	**290 J**	**420 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<6.7	<29	<29	<36	<36	<36	<36	<31	<6.7	<6.7	**6.3**	<29	<36	<36	<36	<36	<63
PFECA B	<27	<27	<62	<62	<78	<78	<78	<78	<39	<27	<27	<2.0	<62	<78	<78	<78	<78	<78
PFECA-G	<48	<48	<29	<29	<36	<36	<36	<36	<31	<48	<48	<2.0	<29	<36	<36	<36	<36	<63
PFPrA	--	--	**1,400**	**1,500**	**1,400**	**1,300**	**1,200**	**740**	**850**	--	--	**76,000**	**84,000**	**72,000 J**	**64,000**	**65,000**	**34,000**	**66,000 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**	**202,000**	**226,000**	**212,000**	**243,000**	**217,000**	**180,000**	**214,000**	**102,000**	**153,000**
Total Table 3+ (18 compounds)[2,4]	--	--	**6,050**	**5,110**	**6,320**	**4,430**	**4,560**	**2,480**	**2,640**	--	--	**288,000**	**327,000**	**289,000**	**244,000**	**279,000**	**136,000**	**219,000**
Total Table 3+ (21 compounds)[2,5]	--	--	**6,180**	**5,180**	**6,520**	**4,550**	**4,560**	**2,550**	**2,790**	--	--	**290,000**	**330,000**	**291,000**	**247,000**	**282,000**	**137,000**	**224,000**

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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[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	CAP3Q23-OW-37-081023	CAP1Q24-OW-37-011724	CAP3Q24-OW-37-071824	CAP1Q25-OW-37-011725	CAP1Q23-OW-40-021523	CAP3Q23-OW-40-071323	CAP1Q24-OW-40-013024	CAP3Q24-OW-40-071624	CAP1Q25-OW-40-012125
	Sample Date: 8-Sep-23	Sample Date: 29-Jan-24	Sample Date: 18-Jul-24	Sample Date: 23-Jan-25	Sample Date: 10-Aug-23	Sample Date: 17-Jan-24	Sample Date: 18-Jul-24	Sample Date: 17-Jan-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
Hfpo Dimer Acid	**580**	**3200**	**4900**	**4,000**	**4,000 J**	**290**	**12,000**	**13,000 J**	**5,200**	**3,300**	**3,400**	**3,000**	**6,100**
PFMOAA	**1,800**	**14,000**	**24,000**	**18,000**	**15,000 J**	**1,100**	**36,000**	**42,000 J**	**6,900**	**7,000**	**6,100**	**11,000**	**16,000**
PFO2HxA	**790**	**4500**	**11000**	**6,700**	**5,900 J**	**690**	**11,000**	**13,000 J**	**4,200**	**4,700**	**3,200**	**4,100**	**6,500**
PFO3OA	**130**	**1200**	**1800**	**1,800**	**2,600 J**	**260**	**3,000**	**4,700 J**	**1,100**	**1,400**	**650**	**870**	**1,400**
PFO4DA	<40	100	190	**320**	**3,900 J**	**140**	**840**	**1,500 J**	**130**	**170**	**130**	**100**	**180**
PFO5DA	<100	<130	<130	<130	**140 J**	**420**	<130	<63 UJ	<78	<2.0	<130	<2.0	<130
PMPA	**260**	**1800**	**3800**	**2,300**	**2,000 J**	**200**	**5,100**	**5,100 J**	**4,300**	**4,400**	**3,700**	**4,200**	**5,200**
PEPA	**83**	**460**	**1000**	**730**	**580 J**	**79**	**1600**	**1,700 J**	**1,600**	**1,900**	**1,100**	**1,100**	**1,600**
PS Acid	<40	<50 UJ	<50	<63	<40 UJ	<50	<50	<31 UJ	<20	<2.0	<50 UJ	<2.0	<63
Hydro-PS Acid	<44	<55	<55	**67**	**370 J**	**110**	**200**	**270 J**	**35**	**44**	<55	**32**	**69**
R-PSDA	**44 J**	**220 J**	**390 J**	**370 J**	**1,500 J**	**100 J**	**560 J**	**800 J**	<71	**200 J**	**200 J**	**230 J**	**500 J**
Hydrolyzed PSDA	**100 J**	**650 J**	**1,000 J**	**980 J**	**1,200 J**	**83 J**	**150 J**	**560 J**	**160 J**	**130 J**	**65 J**	**240 J**	**260 J**
R-PSDCA	<140	<180	<180	<94	<140 UJ	<180	<180	<47 UJ	<17	<3.0	<180	<3.0	<94
NVHOS, Acid Form	<130	**220**	**310**	**310**	**170 J**	<160	**490**	**590 J**	**130**	**90**	<160	**130**	**260**
EVE Acid	<40	<50 UJ	<50	<210	<40 UJ	<50	<50	<110 UJ	<17	<2.0	<50 UJ	<2.0	<210
Hydro-EVE Acid	<24	**70**	**150**	**230**	**120 J**	<30	**91**	**260 J**	**94**	**99**	**67**	**56**	**110**
R-EVE	**36 J**	**140 J**	**280 J**	**270 J**	**390 J**	<39	**290 J**	**570 J**	**170 J**	**240 J**	**100 J**	**300 J**	**350 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<63	<29 UJ	<36	<36	<31 UJ	<6.7	<2.0	<36	<2.0	<63
PFECA B	<62	<78	<78	<78	<62 UJ	<78	<78	<39 UJ	<27	<2.0	<78	<2.0	<78
PFECA-G	<29	<36	<36	<63	<29 UJ	<36	<36	<31 UJ	<48	<2.0	<36	<2.0	<63
PFPrA	**990**	**7200**	**11000**	**9,200**	**8,200 J**	**1,800**	**19,000**	**23,000 J**	**--**	**5,700**	**5,400**	**7,300**	**11,000**
Total Table 3+ (17 compounds)[2,3]	**3,640**	**25,600**	**47,200**	**34,500**	**34,800**	**3,290**	**70,300**	**82,100**	**23,700**	**23,100**	**18,300**	**24,600**	**37,400**
Total Table 3+ (18 compounds)[2,4]	**4,630**	**32,800**	**58,200**	**43,700**	**43,000**	**5,090**	**89,300**	**105,000**	**--**	**28,800**	**23,700**	**31,900**	**48,400**
Total Table 3+ (21 compounds)[2,5]	**4,810**	**33,800**	**59,800**	**45,300**	**46,100**	**5,270**	**90,300**	**107,000**	**--**	**29,400**	**24,100**	**32,700**	**49,500**

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.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST1 (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	CAP1Q25-OW-51-012725-D Sample Date: 27-Jan-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)
Hfpo Dimer Acid	**33,000**	**11,000**	**16,000**	**15,000**	**14,000**	**4,500**	--	**740**	--	--
PFMOAA	**140,000**	**43,000**	**61,000**	**46,000**	**44,000**	**360**	--	**250**	--	--
PFO2HxA	**64,000**	**19,000**	**28,000**	**18,000 J**	**19,000**	**2,600**	--	**690**	--	--
PFO3OA	**23,000**	**6,500**	**7,400**	**8,200 J**	**6,100**	**410**	--	<110	--	--
PFO4DA	**4,800**	**1,100**	**1,600**	**1,200**	**1,100**	**230**	--	**110**	--	--
PFO5DA	<100	<130	<130	<130	<130	<78	--	<130	--	--
PMPA	**9,400**	**3,200**	**6,000**	**4,700**	**4,700**	**2,600**	--	**760**	--	--
PEPA	**1,900**	**720**	**1,600**	**1,300**	**1,300**	**1,000**	--	**200**	--	--
PS Acid	<40	<50 UJ	<50	<63	<63	<20	--	<50 UJ	--	--
Hydro-PS Acid	**660**	**150**	**140**	**190**	**200**	**120**	--	<55	--	--
R-PSDA	**1,900 J**	**650 J**	**1,400 J**	**1,400 J**	**1,300 J**	<71	--	**78 J**	--	--
Hydrolyzed PSDA	**4,300 J**	**1,400 J**	**3,400 J**	**3,400 J**	**3,000 J**	<38	--	<34	--	--
R-PSDCA	<140	<180	<180	<94	<94	<17	--	<180	--	--
NVHOS, Acid Form	**1,800**	**620**	**900**	**740**	**730**	<15	--	<160	--	--
EVE Acid	<40	<50 UJ	<50	<210	<210	<17	--	<50 UJ	--	--
Hydro-EVE Acid	**2,400**	**550**	**930**	**860**	**860**	<14	--	<30	--	--
R-EVE	**2,600 J**	**700 J**	**1,700 J**	**1,800 J**	**1,300 J**	<72	--	**42 J**	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<63	<63	<6.7	--	<36	--	--
PFECA B	<62	<78	<78	<78	<78	<27	--	<78	--	--
PFECA-G	<29	<36	<36	<63	<63	<48	--	<36	--	--
PFPrA	**92,000**	**31,000**	**30,000**	**32,000**	**31,000**	--	--	**1,400**	--	--
Total Table 3+ (17 compounds)[2,3]	**281,000**	**85,800**	**124,000**	**96,200**	**92,000**	**11,800**	--	**2,750**	--	--
Total Table 3+ (18 compounds)[2,4]	**373,000**	**117,000**	**154,000**	**128,000**	**123,000**	--	--	**4,150**	--	--
Total Table 3+ (21 compounds)[2,5]	**382,000**	**120,000**	**160,000**	**135,000**	**129,000**	--	--	**4,270**	--	--

Notes:
1 - The EPA Method 537 was modified to incorporate the Table 3+ compounds. Beginning with the 3Q 2023 sampling, perfluoropropionic acid (PFPrA) was added to the compounds list.
2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.
3 - Total Table 3+ (17 compounds) does not include R-PSDA, Hydrolyzed PSDA, R-EVE, and PFPrA.
4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.
Wells OW-37, OW-51, OW-59, PW-04, and SMW-12 that are upgradient of the barrier wall are included in the table.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)																		
	OW-55					OW-56					OW-57					PIW-4D			
	CAP1Q23-OW-55-021623 Sample Date: 16-Feb-23	CAP3Q23-OW-55-072523 Sample Date: 25-Jul-23	CAP1Q24-OW-55-020524 Sample Date: 5-Feb-24	CAP3Q24-OW-55-071824 Sample Date: 18-Jul-24	CAP1Q25-OW-55-012325 Sample Date: 23-Jan-25	CAP1Q23-OW-56-022123 Sample Date: 21-Feb-23	CAP3Q23-OW-56-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-56-020124 Sample Date: 1-Feb-24	CAP3Q24-OW-56-072324 Sample Date: 23-Jul-24	CAP1Q25-OW-56-012025 Sample Date: 20-Jan-25	CAP1Q23-OW-57-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-57-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-57-020624 Sample Date: 6-Feb-24	CAP3Q24-OW-57-072524 Sample Date: 25-Jul-24	CAP1Q25-OW-57-012925 Sample Date: 29-Jan-25	CAP3Q23-PIW-4D-071323 Sample Date: 13-Jul-23	CAP1Q24-PIW-4D-012224 Sample Date: 22-Jan-24	CAP3Q24-PIW-4D-072324 Sample Date: 23-Jul-24	CAP1Q25-PIW-4D-041525 Sample Date: 15-Apr-25
Hfpo Dimer Acid	**1,800**	**1,800**	**1,600**	**1,100**	**1,600**	**4,200**	**3,300**	**2,200**	**2,000**	**3,100 J**	**11,000**	**11,000**	**11,000**	**13,000**	**13,000**	**140**	**320**	**1900**	**4,700**
PFMOAA	**220**	**300**	**550**	**660**	**1,100**	**350**	**520**	**420**	**530**	**630 J**	**130,000**	**130,000**	**130,000**	**140,000**	**95,000 J**	**1,300**	**1,900**	**8,200**	**15,000**
PFO2HxA	**690**	**940**	**820**	**790**	**1,100**	**1,800**	**2,100**	**1,300**	**1,500**	**2,000 J**	**36,000**	**37,000**	**37,000**	**43,000**	**34,000**	**470**	**1100**	**3600**	**10,000**
PFO3OA	**58**	<89	<110	<110	**170**	**200**	**260**	**220**	**210**	**290 J**	**8,600**	**7,700**	**6,700**	**9,400**	**8,900**	**47**	**110**	**880**	**2,100**
PFO4DA	<59	<40	<50	<50	<63	<59	<40	<50	<50	<63 UJ	**1,100**	**1,000**	**1,000**	**1,200**	**890**	<2.0	5.3	58	**290**
PFO5DA	<78	<100	<130	<130	<130	<78	<100	<130	<130	<130 UJ	<78	<100	<130	<130	<130	<2.0	<2.0	<130	<130
PMPA	**2,800**	**3,800**	**1,800**	**1,200**	**1,500**	**2,600**	**2,800**	**1,500**	**1,400**	**2,300 J**	**22,000**	**21,000**	**16,000**	**20,000**	**17,000**	**150**	**290**	**1600**	**3,600**
PEPA	**740**	**890**	**470**	**290**	**370**	**990**	**1,100**	**530**	**540**	**810 J**	**5,100**	**4,700**	**3,800**	**4,600**	**3,600**	**37**	**71**	**480**	**1,200**
PS Acid	<20	<40	<50 UJ	<50	<63	<20	<40	<50 UJ	<50	<63 UJ	**770**	**360**	**330 J**	**390**	**870**	<2.0	<2.0	<50	<63
Hydro-PS Acid	<6.1	<44	<55	<55	<63	**120**	**150**	**100**	**110**	<63 UJ	**220**	**260**	**240**	**290**	**390**	<2.0	<2.0	<55	<63
R-PSDA	<71	**140 J**	**100 J**	**100 J**	**150 J**	**310 J**	**150 J**	**140 J**	**150 J**	**380 J**	**970 J**	**1,200 J**	**1,200 J**	**1,500 J**	**1,600 J**	**8.9 J**	**20 J**	**140 J**	**270 J**
Hydrolyzed PSDA	<38	<27	<34	<34	<160	<38	<27	<34	<34	<160 UJ	**16,000 J**	**14,000 J**	**15,000 J**	**23,000 J**	**27,000 J**	**25 J**	**80 J**	**620 J**	**1,100 J**
R-PSDCA	<17	<140	<180	<180	<94	<17	<140	<180	<180	<94 UJ	**17**	<140	<180	<180	<94	<3.0	<3.0	<180	<94
NVHOS, Acid Form	<15	<130	<160	<160	<94	**110**	<130	<160	<160	<94 UJ	**2,000**	**2,400**	**2,200**	**2,400**	**2,400**	**11**	**19**	<160	**250**
EVE Acid	<17	<40	<50 UJ	<50	<210	<17	<40	<50 UJ	<50	<210 UJ	<17	<40	<50 UJ	<50	<210	<2.0	<2.0	<50	<210
Hydro-EVE Acid	<14	<24	<30	<30	<63	<14	<24	<30	<30	<63 UJ	**200**	**210**	**180**	**190**	**240**	<2.0	<2.0	<30	<63
R-EVE	**160 J**	**180 J**	**85 J**	**63 J**	<63	**190 J**	**120 J**	**110 J**	**120 J**	**200 J**	**240 J**	**180 J**	**210 J**	**290 J**	**260 J**	**6.2 J**	**12 J**	**97 J**	**120 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<29	<36	<36	<63	<6.7	<29	<36	<36	<63 UJ	<6.7	<29	<36	<36	<63	<2.0	<2.0	<36	<63
PFECA B	<27	<62	<78	<78	<78	<27	<62	<78	<78	<78 UJ	<27	<62	<78	<78	<78	<2.0	<2.0	<78	<78
PFECA-G	<48	<29	<36	<36	<63	<48	<29	<36	<36	<63 UJ	<48	<29	<36	<36	<63	<2.0	<2.0	<36	<63
PFPrA	--	**2,900**	**1,700**	**940**	**1,500**	--	**2,200**	**1,500**	**1,200**	**2,300 J**	--	**44,000**	**48,000**	**48,000**	**52,000 J**	**880**	**1300**	**4900**	**8,300**
Total Table 3+ (17 compounds)[2,3]	**6,310**	**7,730**	**5,240**	**4,040**	**5,840**	**10,400**	**10,200**	**6,270**	**6,290**	**9,130**	**217,000**	**216,000**	**208,000**	**234,000**	**176,000**	**2,160**	**3,820**	**16,700**	**37,100**
Total Table 3+ (18 compounds)[2,4]	--	**10,600**	**6,940**	**4,980**	**7,340**	--	**12,400**	**7,770**	**7,490**	**11,400**	--	**260,000**	**256,000**	**282,000**	**228,000**	**3,040**	**5,120**	**21,600**	**45,400**
Total Table 3+ (21 compounds)[2,5]	--	**11,000**	**7,130**	**5,140**	**7,490**	--	**12,700**	**8,020**	**7,760**	**12,000**	--	**275,000**	**273,000**	**307,000**	**257,000**	**3,080**	**5,230**	**22,500**	**46,900**

Notes:

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

2 - Total Table 3+ was calculated including J qualified data but not non-detect data. The total Table 3+ sum is rounded to three significant figures.

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

4 - Total Table 3+ (18 compounds) does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.

5 - Total Table 3+ (21 compounds) is the sum of all Table 3+ PFAS compounds.

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)																			
	PIW-5SR				PIW-6S				PIW-8D				PIW-10DR				PIW-10S			
	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)	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAP1Q24-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	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAP1Q24-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	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAP1Q24-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	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)
Hfpo Dimer Acid	**24,000**	--	--	--	**8,400**	**9,500**	**11,000**	**17,000**	**12,000 J**	**46,000**	**50,000**	**46,000**	**6,600**	**8,300**	**9,400**	**8,500**	**3,800**	--	--	--
PFMOAA	**44,000**	--	--	--	**150,000 J**	**100,000**	**120,000**	**140,000 J**	**72,000 J**	**190,000**	**180,000**	**110,000 J**	**51,000 J**	**31,000**	**27,000**	**29,000**	**3,700**	--	--	--
PFO2HxA	**28,000**	--	--	--	**61,000 J**	**29,000**	**39,000**	**50,000**	**34,000 J**	**110,000**	**86,000**	**63,000 J**	**19,000**	**14,000**	**12,000**	**9,800**	**4,400**	--	--	--
PFO3OA	**7,000**	--	--	--	**5,500**	**4,100**	**7,500**	**8,900**	**14,000**	**43,000**	**37,000**	**33,000**	**5,800**	**4,800**	**4,700**	**3,100**	**800**	--	--	--
PFO4DA	**2,200**	--	--	--	**200**	**180**	**240**	**230**	**2,300**	**5,300**	**9,200**	**5,500**	**1,500**	**930**	**1,000**	**770**	**340**	--	--	--
PFO5DA	**690**	--	--	--	<2.0	<130	<130	<130	<2.0	<130	<130	<130	**4**	<130	<130	<130	**6.8**	--	--	--
PMPA	**32,000**	--	--	--	**16,000**	**11,000**	**14,000**	**21,000**	**8,600**	**19,000**	**15,000**	**16,000**	**6,600**	**6,700**	**4,900**	**4,900**	**4,500**	--	--	--
PEPA	**15,000**	--	--	--	**3,400**	**2,300**	**3,400**	**4,500**	**2,500**	**5,500**	**4,200**	**3,800**	**2,400**	**2,300**	**1,900**	**1,700**	**2,100**	--	--	--
PS Acid	**40**	--	--	--	<2.0	<50 UJ	<50	<63	<2.0	<50	<50	<63	<2.0	<50	<50	<63	<2.0	--	--	--
Hydro-PS Acid	**140**	--	--	--	**25**	<55	<55	<63	**350**	**1200**	**980**	**1,100**	**210**	**200**	**180**	**190**	**67**	--	--	--
R-PSDA	**1,600 J**	--	--	--	**820 J**	**730 J**	**890 J**	**1,900 J**	**1,000 J**	**2,600 J**	**2,700 J**	**3,700 J**	**690 J**	**610 J**	**620 J**	**770 J**	**160 J**	--	--	--
Hydrolyzed PSDA	**1,700 J**	--	--	--	**4,100 J**	**4,300 J**	**5,900 J**	**13,000 J**	**2,600 J**	**5,300 J**	**5,100 J**	**6,400 J**	**2,700 J**	**2,300 J**	**2,300 J**	**2,700 J**	<2.0	--	--	--
R-PSDCA	<140	--	--	--	<3.0	<180	<180	<94	**25**	<180	<180	<94	**9.9**	<180	<180	<94	<3.0	--	--	--
NVHOS, Acid Form	**640**	--	--	--	**1,800**	**1,300**	**1,300**	**2,200**	**1,100**	**2,500**	**2,400**	**2,600**	**390**	**390**	**350**	**380**	**62**	--	--	--
EVE Acid	<40	--	--	--	<2.0	<50 UJ	<50	<210	<2.0	<50	<50	<210	<2.0	<50	<50	<210	<2.0	--	--	--
Hydro-EVE Acid	**190**	--	--	--	**54**	**40**	**54**	**110**	**1,200**	**3,500**	**2,800**	**3,200**	**910**	**640**	**600**	**650**	**14**	--	--	--
R-EVE	**1,300 J**	--	--	--	**230 J**	**360 J**	**490 J**	**810 J**	**1,300 J**	**2,300 J**	**2,800 J**	**2,600 J**	**250 J**	**400 J**	**490 J**	**530 J**	**230 J**	--	--	--
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	--	--	--	**7.1**	<36	<36	<63	**13**	<36	<36	<63	**3.9**	<36	<36	<63	<2.0	--	--	--
PFECA B	<62	--	--	--	<2.0	<78	<78	<78	<2.0	<78	<78	<78	<2.0	<78	<78	<78	<2.0	--	--	--
PFECA-G	<29	--	--	--	<2.0	<36	<36	<63	<2.0	<36	<36	<63	<2.0	<36	<36	<63	<2.0	--	--	--
PFPrA	**44,000**	--	--	--	**64,000 J**	**54,000**	**45,000**	**94,000 J**	**57,000**	**120,000**	**110,000**	**100,000 J**	**26,000**	**18,000**	**17,000**	**18,000**	**5,300**	--	--	--
Total Table 3+ (17 compounds)[2,3]	**154,000**	--	--	--	**246,000**	**157,000**	**196,000**	**244,000**	**148,000**	**426,000**	**388,000**	**284,000**	**94,400**	**69,300**	**62,000**	**59,000**	**19,800**	--	--	--
Total Table 3+ (18 compounds)[2,4]	**198,000**	--	--	--	**310,000**	**211,000**	**241,000**	**338,000**	**205,000**	**546,000**	**498,000**	**384,000**	**120,000**	**87,300**	**79,000**	**77,000**	**25,100**	--	--	--
Total Table 3+ (21 compounds)[2,5]	**203,000**	--	--	--	**316,000**	**217,000**	**249,000**	**354,000**	**210,000**	**556,000**	**508,000**	**397,000**	**124,000**	**90,600**	**82,400**	**81,000**	**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.

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Performance Monitoring Plan Sampling Program (Semi-Annually)															
	PIW-11				PIW-15				PW-10RR				PW-11			
	CAP3Q23-PIW-11-073123 Sample Date: 31-Jul-23	CAP1Q24-PIW-11-020124 Sample Date: 1-Feb-24	CAP3Q24-PIW-11-071824 Sample Date: 18-Jul-24	CAP1Q25-PIW-11-012425 Sample Date: 24-Jan-25	CAP3Q23-PIW-15-072523 Sample Date: 25-Jul-23	CAP1Q24-PIW-15-020524 Sample Date: 5-Feb-24	CAP3Q24-PIW-15-090324 Sample Date: 3-Sep-24	CAP1Q25-PIW-15-020325 Sample Date: 3-Feb-25	CAP3Q23-PW-10RR-080323 Sample Date: 3-Aug-23	CAP1Q24-PW-10RR-013124 Sample Date: 31-Jan-24	CAP3Q24-PW-10RR-073024 Sample Date: 30-Jul-24	CAP1Q25-PW-10RR-012925 Sample Date: 29-Jan-25	CAP3Q23-PW-11-070723 Sample Date: 7-Jul-23	CAP1Q24-PW-11-013124 Sample Date: 31-Jan-24	CAP3Q24-PW-11-072424 Sample Date: 24-Jul-24	CAP1Q25-PW-11-012925 Sample Date: 29-Jan-25
Hfpo Dimer Acid	**3,500**	**1,400**	**3,400**	**3,000**	**7,800**	**8,200**	**9,200**	**10,000 J**	**6,700**	**4,000**	**3,600**	**2,500**	**6,900**	**6,800**	**8,800**	**5,600**
PFMOAA	**1,600**	**2,100**	**470**	**450**	**8,700**	**9,200**	**8,500**	**8,500**	**93,000**	**59,000**	**62,000**	**40,000**	**54,000 J**	**29,000**	**36,000**	**22,000**
PFO2HxA	**2,600**	**1,000**	**2,100**	**2,000**	**7,000**	**6,800**	**8,000**	**7,500**	**26,000**	**14,000**	**15,000**	**8,400**	**28,000**	**11,000**	**14,000**	**7,800**
PFO3OA	**420**	**230**	**290**	**320**	**1,200**	**1,300**	**1,200**	**1,400**	**1,300**	**410**	**510**	**320**	**7,300**	**5,000**	**8,800**	**4,600**
PFO4DA	**46**	<50	<50	**39**	**65**	**100**	**100**	**150**	<40	<50	<50	<63	**4,500**	**4,200**	**7,300**	**3,200**
PFO5DA	<100	<130	<130	<63	<100	<130	<130	<130	<100	<130	<130	<130	**1,600**	**1,300**	**1,900**	**1,100**
PMPA	**3,100**	**1,400**	**2,700**	**2,000**	**8,400**	**6,300**	**8,200**	**9,800**	**4,400**	**2,200**	**2,400**	**1,500**	**7,800**	**3,000**	**4,300**	**2,700**
PEPA	**1,000**	**320**	**770**	**700**	**2,400**	**1,900**	**2,500**	**3,000**	**590**	**150**	**190**	**63**	**2,200**	**910**	**1,500**	**910**
PS Acid	<40	<50 UJ	<50	<31	<40	<50 UJ	<50	<63	<40	<50 UJ	<50	<63	**1,400**	**97 J**	**92**	**120**
Hydro-PS Acid	<44	<55	<55	**43**	<44	<55	<55	<63	<44	<55	<55	<63	**840**	**440**	**630**	**500**
R-PSDA	**240 J**	**230 J**	**190 J**	**290 J**	**250 J**	**190 J**	**180 J**	**440 J**	**180 J**	**84 J**	<35	**70 J**	**850 J**	**300 J**	**490 J**	**400 J**
Hydrolyzed PSDA	**1,500 J**	**2,800 J**	**43 J**	<78	<27	<34	<34	<160	**220 J**	**84 J**	**95 J**	<160	**7,900 J**	**850 J**	**1,300 J**	**910 J**
R-PSDCA	<140	<180	<180	<47	<140	<180	<180	<94	<140	<180	<180	<94	**24**	<180	<180	<94
NVHOS, Acid Form	<130	<160	<160	<47	**130**	<160	<160	**110**	**850**	**510**	**460**	**340**	**850**	**510**	**690**	**430**
EVE Acid	<40	<50 UJ	<50	<110	<40	<50 UJ	<50	<210	<40	<50 UJ	<50	<210	**47**	<50 UJ	<50	<210
Hydro-EVE Acid	<24	<30	<30	<31	<24	<30	<30	<63	<24	<30	<30	<63	**620**	**240**	**350**	**280**
R-EVE	**130 J**	**77 J**	**130 J**	**180 J**	**200 J**	**130 J**	**150 J**	**350 J**	**240 J**	**120 J**	**120 J**	**80 J**	**360 J**	**110 J**	**200 J**	**120 J**
Perfluoro(2-ethoxyethane)sulfonic Acid	<29	<36	<36	<31	<29	<36	<36	<63	<29	<36	<36	<63	<2.0	<36	<36	<63
PFECA B	<62	<78	<78	<39	<62	<78	<78	<78	<62	<78	<78	<78	<2.0	<78	<78	<78
PFECA-G	<29	<36	<36	<31	<29	<36	<36	<63	<29	<36	<36	<63	<2.0	<36	<36	<63
PFPrA	**3,400**	**2,200**	**2,700**	**2,500**	**14,000**	**10,000**	**9,600**	**9,500**	**60,000**	**41,000**	**37,000**	**28,000**	**25,000**	**14,000**	**15,000**	**10,000**
Total Table 3+ (17 compounds)[2,3]	**12,300**	**6,450**	**9,730**	**8,550**	**35,700**	**33,800**	**37,700**	**40,500**	**133,000**	**80,300**	**84,200**	**53,100**	**116,000**	**62,500**	**84,400**	**49,200**
Total Table 3+ (18 compounds)[2,4]	**15,700**	**8,650**	**12,400**	**11,100**	**49,700**	**43,800**	**47,300**	**50,000**	**193,000**	**121,000**	**121,000**	**81,100**	**141,000**	**76,500**	**99,400**	**59,200**
Total Table 3+ (21 compounds)[2,5]	**17,500**	**11,800**	**12,800**	**11,500**	**50,100**	**44,100**	**47,600**	**50,800**	**193,000**	**122,000**	**121,000**	**81,300**	**150,000**	**77,800**	**101,000**	**60,700**

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.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

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.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Mass Loading Assessment Sampling Program (Quarterly)																	
	LTW-01									LTW-02								
METHOD 537 MOD SOP COMPOUNDs LIST*[1] *(ng/L)	**CAP1Q23-LTW-01-021623** Sample Date: 16-Feb-23	**CAP2Q23-LTW-01-051723** Sample Date: 17-May-23	**CAP3Q23-LTW-01-071323** Sample Date: 13-Jul-23	**CAP4Q23-LTW-01-110323** Sample Date: 3-Nov-23	**CAP1Q24-LTW-01-011724** Sample Date: 17-Jan-24	**CAP2Q24-LTW-01-041524** Sample Date: 15-Apr-24	**CAP3Q24-LTW-01-072624** Sample Date: 26-Jul-24	**CAP4Q24-LTW-01-101024** Sample Date: 10-Oct-24	**CAP1Q25-LTW-01-012825** Sample Date: 28-Jan-25	**CAP1Q23-LTW-02-021623** Sample Date: 16-Feb-23	**CAP2Q23-LTW-02-051723** Sample Date: 17-May-23	**CAP3Q23-LTW-02-071223** Sample Date: 12-Jul-23	**CAP4Q23-LTW-02-110323** Sample Date: 3-Nov-23	**CAP1Q24-LTW-02-011724** Sample Date: 17-Jan-24	**CAP2Q24-LTW-02-041524** Sample Date: 15-Apr-24	**CAP3Q24-LTW-02-071824** Sample Date: 18-Jul-24	**CAP4Q24-LTW-02-100824** Sample Date: 8-Oct-24	**CAP1Q25-LTW-02-012125** Sample Date: 21-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<110	<2.0	<2.0 UJ	<2.0	<85	<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	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	**4.2**	**4.7 J**	**3.6**	<20	<25	<25	<25	<25	<63	<2.0	<2.0 UJ	<2.0	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**170**	**110 J**	**120**	<240	<300	<300	<300	<300	<160	**30**	**61 J**	**86**	<240	<300	<300	<300	<300	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**46**	**48 J**	**44**	**47 J**	**40**	**42**	**41**	**34**	<63	**4.7**	**11 J**	**11**	<25	<31	<31	<31	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<63	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	**6**	**6.3 J**	**5.2**	<57	<71	<71	<71	<71	<71	<2.0	<2.0 UJ	<2.0	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**22**	**23 J**	**23**	<58	<73	<73	<73	<73	<73	**3.3**	**8.4 J**	**11**	<58	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	<2.0	**2.3 J**	<2.0	<27	<34	<34	<34	<34	<63	<2.0	<2.0 UJ	<2.0	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**320**	**250 J**	**260**	**330**	**220**	**310**	**280**	**150**	**270**	**99**	**190 J**	**250**	**300**	**320**	**370**	**390**	**380**	**350**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63
PFOA	**41**	**49 J**	**39**	<85	<110	<110	<110	<110	<63	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<63
PFOS	**9.9 J**	**22 J**	**11 J**	<54	<68	<68	<68	<68	<63	<2.0	<2.0 UJ	<2.0	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Mass Loading Assessment Sampling Program (Quarterly)																	
	LTW-03									LTW-04								
METHOD 537 MOD SOP COMPOUNDs LIST*[1] *(ng/L)	**CAP1Q23-LTW-03-022123** Sample Date: 21-Feb-23	**CAP2Q23-LTW-03-052323** Sample Date: 23-May-23	**CAP3Q23-LTW-03-071223** Sample Date: 12-Jul-23	**CAP4Q23-LTW-03-111323** Sample Date: 13-Nov-23	**CAP1Q24-LTW-03-013124** Sample Date: 31-Jan-24	**CAP2Q24-LTW-03-041524** Sample Date: 15-Apr-24	**CAP3Q24-LTW-03-072924** Sample Date: 29-Jul-24	**CAP4Q24-LTW-03-101024** Sample Date: 10-Oct-24	**CAP1Q25-LTW-03-012925** Sample Date: 29-Jan-25	**CAP1Q23-LTW-04-021723** Sample Date: 17-Feb-23	**CAP2Q23-LTW-04-052323** Sample Date: 23-May-23	**CAP3Q23-LTW-04-071123** Sample Date: 11-Jul-23	**CAP4Q23-LTW-04-110223** Sample Date: 2-Nov-23	**CAP1Q24-LTW-04-011624** Sample Date: 16-Jan-24	**CAP2Q24-LTW-04-041024** Sample Date: 10-Apr-24	**CAP3Q24-LTW-04-072424** Sample Date: 24-Jul-24	**CAP4Q24-LTW-04-100924** Sample Date: 9-Oct-24	**CAP1Q25-LTW-04-012825** Sample Date: 28-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<2.0	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	<40	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<2.0	<58	<58	<58	<58	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<2.0	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<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	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<5.0	<310	<310	<310	<310	<160	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	<2.0	<2.0	<2.0	<50	<50	<50	<50	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<110	<110 UJ	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<2.0	<54	<54	<54	<54	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<5.0	<150	<150	<150	<150	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<25	<25	<25	<25	<63	<2.0	**2.2**	<2.0	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**130**	**120**	**130**	**120**	<300	<300	<300	<300	<160	**310**	**230**	**290**	**330**	<300	**380**	**320**	<300	**410**
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<40	<40	<40	<40	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<39	<39	<39	<39	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<2.0	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<2.0	<24	<24	<24	<24	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**26**	**28**	**25**	**24**	<31	<31	<31	<31	<63	**66**	**52**	**60**	**60**	**68**	**53**	**58**	**42**	**64**
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<71	<71	<71	<71	<71	<2.0	**3.3**	<2.0	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**16**	**17**	**16**	**17**	<73	<73	<73	<73	<73	**35**	**33**	**34**	<58	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<46	<46	<46	<46	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<2.0	<34	<34	<34	<34	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<120 UJ	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<2.0	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<2.0	<38	<38	<38	<38	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**600**	**690**	**750**	**610**	**560 J**	**640**	**640**	**490**	**560**	**1,200**	**1,100**	**1,400**	**1,200**	**1,100**	**1,300**	**1,200**	**1,100**	**1,600**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<160	<160	<160	<160	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<140	<140	<140	<140	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63
PFOA	<2.0	<2.0	<2.0	<2.0	<110	<110	<110	<110	<63	**10**	**11**	**10**	<85	<110	<110	<110	<110	<63
PFOS	<2.0	<2.0	<2.0	<2.0	<68	<68	<68	<68	<63	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Mass Loading Assessment Sampling Program (Quarterly)																	
	LTW-05									OW-28								
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	CAP1Q23-LTW-05-021523 Sample Date: 15-Feb-23	CAP2Q23-LTW-05-052223 Sample Date: 22-May-23	CAP3Q23-LTW-05-071123 Sample Date: 11-Jul-23	CAP4Q23-LTW-05-110223 Sample Date: 2-Nov-23	CAP1Q24-LTW-05-011524 Sample Date: 15-Jan-24	CAP2Q24-LTW-05-041024 Sample Date: 10-Apr-24	CAP3Q24-LTW-5-072524 Sample Date: 25-Jul-24	CAP4Q24-LTW-05-100924 Sample Date: 9-Oct-24	CAP1Q25-LTW-05-012725 Sample Date: 27-Jan-25	CAP1Q23-OW-28-022023 Sample Date: 20-Feb-23	CAP2Q23-OW-28-052523 Sample Date: 25-May-23	CAP3Q23-OW-28-071123 Sample Date: 11-Jul-23	CAP4Q23-OW-28-110223 Sample Date: 2-Nov-23	CAP1Q24-OW-28-011824 Sample Date: 18-Jan-24	CAP2Q24-OW-28-041624 Sample Date: 16-Apr-24	CAP3Q24-OW-28-071824 Sample Date: 18-Jul-24	CAP4Q24-OW-28-100824 Sample Date: 8-Oct-24	CAP1Q25-OW-28-010925 Sample Date: 9-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160	<5.0	<5.0	<5.0	<250	**880**	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63	<2.0	**2**	<2.0	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**230**	**170**	**170**	**270**	**420**	**340**	**320**	<300	**470**	**51**	**51**	**46**	<240	<300	<300	<300	<300	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**210**	**200**	**210**	**250**	**310**	**260**	**270**	**140 J**	**250**	**7.2**	**7.3**	**6.5**	<25	<31	<31	<31	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**38**	**52**	**43**	**66**	**99**	**110**	<73	<73	**91**	**9.9**	**12**	**9.1**	<58	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**1,300**	**1,700**	**1,600**	**2,300**	**2,700**	**2,300**	**2,600**	**1,200 J**	**3,100**	**68**	**75**	**73**	**49**	**69**	**79**	**66**	<61	**72**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63
PFOA	**4.1**	**4.1**	**2.1**	<85	<110	<110	<110	<110	<63	**4.3**	**4**	**3.3**	<85	<110	<110	<110	<110	<63
PFOS	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Mass Loading Assessment Sampling Program (Quarterly)																	
	OW-33									PIW-1D								
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	**CAP1Q23-OW-33-021423** Sample Date: 14-Feb-23	**CAP2Q23-OW-33-051823** Sample Date: 18-May-23	**CAP3Q23-OW-33-071223** Sample Date: 12-Jul-23	**CAP4Q23-OW-33-110223** Sample Date: 2-Nov-23	**CAP1Q24-OW-33-013024** Sample Date: 30-Jan-24	**CAP2Q24-OW-33-041624** Sample Date: 16-Apr-24	**CAP3Q24-OW-33-071624** Sample Date: 16-Jul-24	**CAP4Q24-OW-33-100824** Sample Date: 8-Oct-24	**CAP1Q25-OW-33-010925** Sample Date: 9-Jan-25	**CAP1Q23-PIW-1D-021623** Sample Date: 16-Feb-23	**CAP2Q23-PIW-1D-052323** Sample Date: 23-May-23	**CAP3Q23-PIW-1D-080223** Sample Date: 2-Aug-23	**CAP4Q23-PIW-1D-110723** Sample Date: 7-Nov-23	**CAP1Q24-PIW-1D-012224** Sample Date: 22-Jan-24	**CAP2Q24-PIW-1D-041524** Sample Date: 15-Apr-24	**CAP3Q24-PIW-1D-072324** Sample Date: 23-Jul-24	**CAP4Q24-PIW-1D-100824** Sample Date: 8-Oct-24	**CAP1Q25-PIW-1D-012325** Sample Date: 23-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<2.0	<84	<84	<2.0	<2.0	<67	<67	<84	<84	<84	<84	<42
11Cl-PF3OUdS	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<2.0	<40	<86	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<43
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<2.0	<58	<63	<2.0	<2.0	<46	<46	<58	<58	<58	<58	<31
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<2.0	<30	<63	<2.0	<2.0	<24 UJ	<24	<30	<30	<30	<30	<31
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<2.0	<110	<110	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<53
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<4.0	<180	<180	<4.0	<4.0	<140	<140	<180	<180	<180	<180	<88
6:2 Fluorotelomer sulfonate	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<5.0	<310	<160	<5.0	<5.0	<250	<250	**1,200**	<310	<310	<310	<78
9Cl-PF3ONS	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<2.0	<30	<63	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31
DONA	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<2.0	<50	<63	<2.0	<2.0	<40	<40	<50	<50	<50	<50	<31
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<5.0	<160	<160	<5.0	<5.0	<130	<130	<160	<160	<160	<160	<78
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<2.0	<110	<110	<2.0	<2.0	<87 UJ	<87	<110	<110 UJ	<110	<110	<54
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<2.0	<54	<63	<2.0	<2.0	<43	<43	<54	<54	<54	<54	<31
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<5.0	<150	<160	<5.0	<5.0	<120	<120	<150	<150	<150	<150	<78
Perfluorobutane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<20	<25	<25	<2.0	<25	<63	<2.0	<2.0	<20	<20	<25	<25	<25	<25	<31
Perfluorobutanoic Acid	**45**	**60 J**	**62**	<240	<300	<300	**62**	<300	<160	**83**	**59**	<240	<240	<300	<300	<300	<300	**88**
Perfluorodecane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<2.0	<40	<63	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<31
Perfluorodecanoic Acid	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<2.0	<39	<63	<2.0	<2.0	<31	<31	<39	<39	<39	<39	<31
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<2.0	<120	<120	<2.0	<2.0	<97	<97	<120	<120	<120	<120	<61
Perfluorododecanoic Acid	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<2.0	<69	<69	<2.0	<2.0	<55	<55	<69	<69	<69	<69	<34
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<2.0	<24	<63	<2.0	<2.0	<19	<19	<24	<24	<24	<24	<31
Perfluoroheptanoic Acid	**5.6**	**7.6 J**	**7.1**	<25	<31	<31	**6.3**	<31	<63	**16**	**19**	<25	<25	<31	<31	<31	<31	<31
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<2.0	<110	<63	<2.0	<2.0	<89	<89	<110	<110	<110	<110	<31
Perfluorohexane Sulfonic Acid	<2.0	<2.0 UJ	<2.0	<57	<71	<71	<2.0	<71	<71	<2.0	<2.0	<57	<57	<71	<71	<71	<71	<36
Perfluorohexanoic Acid	**7.8**	**10 J**	**10**	<58	<73	<73	**8.8**	<73	<73	**9.5**	**11**	<58	<58	<73	<73	<73	<73	<36
Perfluorononanesulfonic Acid	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<2.0	<46	<63	<2.0	<2.0	<37	<37	<46	<46	<46	<46	<31
Perfluorononanoic Acid	<2.0	<2.0 UJ	<2.0	<27	<34	<34	<2.0	<34	<63	<2.0	<2.0	<27	<27	<34	<34	<34	<34	<31
Perfluorooctadecanoic Acid	<2.0	<2.0 UJ	<2.0	<94 UJ	<120	<120	<2.0	<120	<120	<2.0	<2.0	<94	<94	<120	<120	<120	<120	<59
Perfluorooctane Sulfonamide	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<2.0	<120	<120	<2.0	<2.0	<98	<98	<120	<120	<120	<120	<61
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<2.0	<38	<63	<2.0	<2.0	<30	<30	<38	<38	<38	<38	<31
Perfluoropentanoic Acid	**93**	**120 J**	**130**	**140**	**120 J**	**130**	**110**	**130**	**140**	**150**	**140**	**160**	**150**	**150**	**150**	**160**	<61	**140**
Perfluorotetradecanoic Acid	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<2.0	<91	<91	<2.0	<2.0	<73	<73	<91	<91	<91	<91	<46
Perfluorotridecanoic Acid	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<2.0	<160	<63	<2.0	<2.0	<130	<130	<160	<160	<160	<160	<31
Perfluoroundecanoic Acid	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<2.0	<140	<63	<2.0	<2.0	<110	<110	<140	<140	<140	<140	<31
PFOA	<2.0	**2.2 J**	<2.0	<85	<110	<110	<2.0	<110	<63	**18**	**19**	<85	<85	<110	<110	<110	<110	<31
PFOS	<2.0	<2.0 UJ	<2.0	<54	<68	<68	<2.0	<68	<63	<2.0	<2.0	<54	<54	<68	<68	<68	<68	<31

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	Mass Loading Assessment Sampling Program (Quarterly)																	
	PIW-1S									PIW-3D								
	CAP1Q23-PIW-1S-021623 Sample Date: 16-Feb-23	Not Sampled in 2Q 2023 (Dry)	Not Sampled in 3Q 2023 (Dry)	Not Sampled in 4Q 2023 (Dry)	CAP1Q24-PIW-1S-011624 Sample Date: 16-Jan-24	Not Sampled in 2Q 2024 (Dry)	Not Sampled in 3Q 2024 (Dry)	CAP4Q24-PIW-1S-100824 Sample Date: 8-Oct-24	Not Sampled in 1Q 2025 (Dry)	CAP1Q23-PIW-3D-021623 Sample Date: 16-Feb-23	CAP2Q23-PIW-3D-051723 Sample Date: 17-May-23	CAP3Q23-PIW-3D-071323 Sample Date: 13-Jul-23	CAP4Q23-PIW-3D-110323 Sample Date: 3-Nov-23	CAP1Q24-PIW-3D-011824 Sample Date: 18-Jan-24	CAP2Q24-PIW-3D-041524 Sample Date: 15-Apr-24	CAP3Q24-PIW-3D-072324 Sample Date: 23-Jul-24	CAP4Q24-PIW-3D-100824 Sample Date: 8-Oct-24	CAP1Q25-PIW-3D-011625 Sample Date: 16-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	--	--	--	<84	--	--	<84	--	<2.0	<2.0 UJ	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	--	--	--	<40	--	--	<40	--	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	--	--	--	<58	--	--	<58	--	<2.0	<2.0 UJ	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	--	--	--	<30	--	--	<30	--	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	--	--	--	<110	--	--	<110	--	<2.0	<2.0 UJ	<2.0	<85	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	--	--	--	<180	--	--	<180	--	<4.0	<4.0 UJ	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	--	--	--	<310	--	--	<310	--	<5.0	<5.0 UJ	<5.0	<250	<310	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	--	--	--	<30	--	--	<30	--	<2.0	<2.0 UJ	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	--	--	--	<50	--	--	<50	--	<2.0	<2.0 UJ	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<160	--	--	<160	--	<5.0	<5.0 UJ	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	--	--	--	<110	--	--	<110	--	<2.0	<2.0 UJ	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	--	--	--	<54	--	--	<54	--	<2.0	<2.0 UJ	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	--	--	--	<150	--	--	<150	--	<5.0	<5.0 UJ	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	<2.0	--	--	--	<25	--	--	<25	--	**2.2**	**2.1 J**	**2.3**	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**51**	--	--	--	<300	--	--	<300	--	**110**	**73 J**	**79**	<240	<300	<300	<300	<300	<160
Perfluorodecane Sulfonic Acid	<2.0	--	--	--	<40	--	--	<40	--	<2.0	<2.0 UJ	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	--	--	--	<39	--	--	<39	--	<2.0	<2.0 UJ	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	--	--	--	<120	--	--	<120	--	<2.0	<2.0 UJ	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	--	--	--	<69	--	--	<69	--	<2.0	<2.0 UJ	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	--	--	--	<24	--	--	<24	--	<2.0	<2.0 UJ	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**18**	--	--	--	<31	--	--	<31	--	**32**	**32 J**	**33**	**49**	**44**	<31	**31**	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	--	--	--	<110	--	--	<110	--	<2.0	<2.0 UJ	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	**8.6**	--	--	--	<71	--	--	<71	--	**3.4**	**3.5 J**	**3.7**	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**7.7**	--	--	--	<73	--	--	<73	--	**15**	**14 J**	**16**	<58	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	--	--	--	<46	--	--	<46	--	<2.0	<2.0 UJ	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	**4.1**	--	--	--	<34	--	--	<34	--	**5.2**	**4.8 J**	**5**	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	--	--	--	<120	--	--	<120	--	<2.0	<2.0 UJ	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	--	--	--	<120	--	--	<120	--	<2.0	<2.0 UJ	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	--	--	--	<38	--	--	<38	--	<2.0	<2.0 UJ	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**78**	--	--	--	<61	--	--	<61	--	**150**	**150 J**	**150**	**190**	**250**	**210**	**220**	**210**	**250**
Perfluorotetradecanoic Acid	<2.0	--	--	--	<91	--	--	<91	--	<2.0	<2.0 UJ	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	--	--	--	<160	--	--	<160	--	<2.0	<2.0 UJ	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	--	--	--	<140	--	--	<140	--	<2.0	<2.0 UJ	<2.0	<110	<140	<140	<140	<140	<63
PFOA	**69**	--	--	--	<110	--	--	<110	--	**44**	**43 J**	**42**	<85	<110	<110	<110	<110	<63
PFOS	**22**	--	--	--	<68	--	--	<68	--	**15**	**14 J**	**14**	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

METHOD 537 MOD SOP COMPOUNDs LIST[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	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
	Sample Date: 15-Feb-23	Sample Date: 22-May-23	Sample Date: 11-Jul-23	Sample Date: 2-Nov-23	Sample Date: 15-Jan-24	Sample Date: 15-Apr-24	Sample Date: 23-Jul-24	Sample Date: 10-Oct-24	Sample Date: 9-Jan-25	Sample Date: 15-Feb-23	Sample Date: 22-May-23	Sample Date: 11-Jul-23	Sample Date: 2-Nov-23	Sample Date: 15-Jan-24	Sample Date: 10-Apr-24	Sample Date: 24-Jul-24	Sample Date: 9-Oct-24	Sample Date: 15-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<5.0	<250	<310	13,000	<310	<310	<160	<5.0	<5.0	<5.0	<250	<310	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63	**3.6**	**2.8**	**2.5**	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**290**	**150**	**160**	<240	<300	<300	<300	<300	**260**	**210**	**120**	**100**	<240	<300	<300	<300	<300	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**140**	**81**	**85**	**97**	**100**	**110**	**70**	**35**	**70**	**71**	**52**	**41**	**61**	**56**	**88**	**73**	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71	**4.1**	**3.5**	**3**	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**49**	**33**	**30**	<58	<73	75 J	<73	<73	<73	**30**	**26**	**19**	<58	<73	**74**	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	<2.0	<2.0	<2.0	<27	<34	2,100	<34	<34	<63	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**1,500**	**1,300**	**1,400**	**1,500**	**1,300**	**1,400**	**1,300**	**720**	**1,500**	**630**	**530**	**470**	**620**	**580**	**1,300**	**580**	**250**	**580**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<110	<140	530	<140	<140	<63	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63
PFOA	**4.5**	**2.9**	**2**	<85	<110	<110	<110	<110	<63	**17**	**14**	**9.6**	<85	<110	<110	<110	<110	<63
PFOS	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63	**6.4 J**	**5.4 J**	<2.0	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Mass Loading Assessment Sampling Program (Quarterly)																	
	PW-04									PZ-22								
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	CAP1Q23-PW-04-022323 Sample Date: 23-Feb-23	CAP2Q23-PW-04-052523 Sample Date: 25-May-23	CAP3Q23-PW-04-072823 Sample Date: 28-Jul-23	CAP4Q23-PW-04-110923 Sample Date: 9-Nov-23	CAP1Q24-PW-04-011724 Sample Date: 17-Jan-24	CAP2Q24-PW-04-042324 Sample Date: 23-Apr-24	CAP3Q24-PW-04-072624 Sample Date: 26-Jul-24	CAP4Q24-PW-04-100724 Sample Date: 7-Oct-24	CAP1Q25-PW-04-012325 Sample Date: 23-Jan-25	CAP1Q23-PZ-22-022023 Sample Date: 20-Feb-23	CAP2Q23-PZ-22-052323 Sample Date: 23-May-23	CAP3Q-PZ-22-071123 Sample Date: 11-Jul-23	CAP4Q23-PZ-22-110223 Sample Date: 2-Nov-23	CAP1Q24-PZ-22-011624 Sample Date: 16-Jan-24	CAP2Q24-PZ-22-041624 Sample Date: 16-Apr-24	CAP3Q24-PZ-22-072524 Sample Date: 25-Jul-24	CAP4Q24-PZ-22-100924 Sample Date: 9-Oct-24	CAP1Q25-PZ-22-012825 Sample Date: 28-Jan-25
10:2 Fluorotelomer sulfonate	<2.0	<2.0	<67	<67	<84	<84	<84	<84	<42	<2.0	<2.0	<2.0	<67	<84	<84	<84	<84	<84
11Cl-PF3OUdS	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<43	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<2.0	<46	<46	<58	<58	<58	<58	<31	<2.0	<2.0	<2.0	<46	<58	<58	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<53	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<4.0	<140	<140	<180	<180	<180	<180	<88	<4.0	<4.0	<4.0	<140	<180	<180	<180	<180	<180
6:2 Fluorotelomer sulfonate	<5.0	<5.0	<250	<250	<310	<310	<310	<310	<78	<5.0	<5.0	<5.0	<250	<310 UJ	<310	<310	<310	<160
9Cl-PF3ONS	<2.0	<2.0	<24	<24	<30	<30	<30	<30	<31	<2.0	<2.0	<2.0	<24	<30	<30	<30	<30	<63
DONA	<2.0	<2.0	<40	<40	<50	<50	<50	<50	<31	<2.0	<2.0	<2.0	<40	<50	<50	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<130	<130	<160	<160	<160	<160	<78	<5.0	<5.0	<5.0	<130	<160	<160	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<2.0	<2.0	<87	<87	<110	<110	<110	<110	<54	<2.0	<2.0	<2.0	<87	<110	<110 UJ	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<2.0	<2.0	<43	<43	<54	<54	<54	<54	<31	<2.0	<2.0	<2.0	<43	<54	<54	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<5.0	<120	<120	<150	<150	<150	<150	<78	<5.0	<5.0	<5.0	<120	<150	<150	<150	<150	<160
Perfluorobutane Sulfonic Acid	<2.0	<2.0	**32**	<20	<25	<25	<25	<25	<31	<2.0	<2.0	<2.0	<20	<25	<25	<25	<25	<63
Perfluorobutanoic Acid	**8.3**	**10**	<240	<240	<300	<300	<300	<300	<78	**120**	**110**	**120**	<240	<300	<300	<300	<300	<160
Perfluorodecane Sulfonic Acid	<2.0	<2.0	<32	<32	<40	<40	<40	<40	<31	<2.0	<2.0	<2.0	<32	<40	<40	<40	<40	<63
Perfluorodecanoic Acid	<2.0	<2.0	<31	<31	<39	<39	<39	<39	<31	<2.0	<2.0	<2.0	<31	<39	<39	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<2.0	<97	<97	<120	<120	<120	<120	<61	<2.0	<2.0	<2.0	<97	<120	<120	<120	<120	<120
Perfluorododecanoic Acid	<2.0	<2.0	<55	<55	<69	<69	<69	<69	<34	<2.0	<2.0	<2.0	<55	<69	<69	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<2.0	<19	<19	<24	<24	<24	<24	<31	<2.0	<2.0	<2.0	<19	<24	<24	<24	<24	<63
Perfluoroheptanoic Acid	**6.6**	**8.8**	<25	<25	<31	<31	<31	<31	<31	**20**	**34**	**30**	**31**	**36**	**39**	**45**	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<89	<89	<110	<110	<110	<110	<31	<2.0	<2.0	<2.0	<89	<110	<110	<110	<110	<63
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<57	<57	<71	<71	<71	<71	<36	<2.0	<2.0	<2.0	<57	<71	<71	<71	<71	<71
Perfluorohexanoic Acid	**2.7**	**3.5**	<58	<58	<73	<73	<73	<73	<36	**17**	**19**	**18**	<58	<73	<73	<73	<73	<73
Perfluorononanesulfonic Acid	<2.0	<2.0	<37	<37	<46	<46	<46	<46	<31	<2.0	<2.0	<2.0	<37	<46	<46	<46	<46	<63
Perfluorononanoic Acid	<2.0	<2.0	<27	<27	<34	<34	<34	<34	<31	<2.0	<2.0	<2.0	<27	<34	<34	<34	<34	<63
Perfluorooctadecanoic Acid	<2.0	<2.0	<94	<94	<120	<120	<120	<120	<59	<2.0	<2.0	<2.0	<94	<120	<120	<120	<120	<120
Perfluorooctane Sulfonamide	<2.0	<2.0	<98	<98	<120	<120	<120	<120	<61	<2.0	<2.0	<2.0	<98	<120	<120	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<2.0	<30	<30	<38	<38	<38	<38	<31	<2.0	<2.0	<2.0	<30	<38	<38	<38	<38	<63
Perfluoropentanoic Acid	**18**	**21**	<49	<49	<61	<61	<61	<61	<31	**820**	**930**	**1,100**	**1,100**	**880**	**970**	**870**	**520**	**840**
Perfluorotetradecanoic Acid	<2.0	<2.0	<73	<73	<91	<91	<91	<91	<46	<2.0	<2.0	<2.0	<73	<91	<91	<91	<91	<91
Perfluorotridecanoic Acid	<2.0	<2.0	<130	<130	<160	<160	<160	<160	<31	<2.0	<2.0	<2.0	<130	<160	<160	<160	<160	<63
Perfluoroundecanoic Acid	<2.0	<2.0	<110	<110	<140	<140	<140	<140	<31	<2.0	<2.0	<2.0	<110	<140	<140	<140	<140	<63
PFOA	<2.0	<2.0	<85	<85	<110	<110	<110	<110	<31	<2.0	<2.0	<2.0	<85	<110	<110	<110	<110	<63
PFOS	<2.0	<2.0	<54	<54	<68	<68	<68	<68	<31	<2.0	<2.0	<2.0	<54	<68	<68	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

Notes:

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

Wells OW-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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Performance Monitoring Plan Sampling Program (Semi-Annually)														
	OW-51					OW-54					OW-55				
METHOD 537 MOD SOP COMPOUNDs LIST[1] (ng/L)	**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	**CAP1Q25-OW-51-012725-D** Sample Date: 27-Jan-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)**	**CAP1Q23-OW-55-021623** Sample Date: 16-Feb-23	**CAP3Q23-OW-55-072523** Sample Date: 25-Jul-23	**CAP1Q24-OW-55-020524** Sample Date: 5-Feb-24	**CAP3Q24-OW-55-071824** Sample Date: 18-Jul-24	**CAP1Q25-OW-55-012325** Sample Date: 23-Jan-25
10:2 Fluorotelomer sulfonate	<67	<84	<84	<84	<84	<2.0	--	<84	--	--	<2.0	<67	<84	<84	<84
11Cl-PF3OUdS	<32	<40	<40	<86	<86	<2.0	--	<40	--	--	<2.0	<32	<40	<40	<86
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<46	<58	<58	<63	<63	<2.0	--	<58	--	--	<2.0	<46	<58	<58	<63
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<24	<30	<30	<63	<63	<2.0	--	<30	--	--	<2.0	<24	<30	<30	<63
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<85	<110	<110	<110	<110	<2.0	--	<110	--	--	<2.0	<85	<110	<110	<110
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<140	<180	<180	<180	<180	<4.0	--	<180	--	--	<4.0	<140	<180	<180	<180
6:2 Fluorotelomer sulfonate	<250	<310	<310	<160	<160	<5.0	--	<310	--	--	<5.0	<250	<310	<310	<160
9Cl-PF3ONS	<24	<30	<30	<63	<63	<2.0	--	<30	--	--	<2.0	<24	<30	<30	<63
DONA	<40	<50	<50	<63	<63	<2.0	--	<50	--	--	<2.0	<40	<50	<50	<63
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<130	<160	<160	<160	<160	<5.0	--	<160	--	--	<5.0	<130	<160	<160	<160
N-ethylperfluoro-1-octanesulfonamide	<87	<110	<110	<110	<110	<2.0	--	<110	--	--	<2.0	<87	<110	<110	<110
N-methyl perfluoro-1-octanesulfonamide	<43	<54	<54	<63	<63	<2.0	--	<54	--	--	<2.0	<43	<54	<54	<63
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<120	<150	<150	<160	<160	<5.0	--	<150	--	--	<5.0	<120	<150	<150	<160
Perfluorobutane Sulfonic Acid	<20	<25	<25	<63	<63	**2.3**	--	<25	--	--	<2.0	<20	<25	<25	<63
Perfluorobutanoic Acid	**530**	<300	<300	**220 J**	**200**	**23**	--	<300	--	--	**18**	<240	<300	<300	<160
Perfluorodecane Sulfonic Acid	<32	<40	<40	<63	<63	<2.0	--	<40	--	--	<2.0	<32	<40	<40	<63
Perfluorodecanoic Acid	<31	<39	<39	<63	<63	<2.0	--	<39	--	--	<2.0	<31	<39	<39	<63
Perfluorododecane Sulfonic Acid (PFDoS)	<97	<120	<120	<120	<120	<2.0	--	<120	--	--	<2.0	<97	<120	<120	<120
Perfluorododecanoic Acid	<55	<69	<69	<69	<69	<2.0	--	<69	--	--	<2.0	<55	<69	<69	<69
Perfluoroheptane Sulfonic Acid (PFHpS)	<19	<24	<24	<63	<63	<2.0	--	<24	--	--	<2.0	<19	<24	<24	<63
Perfluoroheptanoic Acid	**400**	**200 J**	**120**	**120**	**110**	**9.3**	--	<31	--	--	<2.0	<25	<31	<31	<63
Perfluorohexadecanoic Acid (PFHxDA)	<89	<110	<110	<63	<63	<2.0	--	<110	--	--	<2.0	<89	<110	<110	<63
Perfluorohexane Sulfonic Acid	<57	<71	<71	<71	<71	<2.0	--	<71	--	--	<2.0	<57	<71	<71	<71
Perfluorohexanoic Acid	**140**	<73	<73	<73	<73	**5.3**	--	<73	--	--	**2.6**	<58	<73	<73	<73
Perfluorononanesulfonic Acid	<37	<46	<46	<63	<63	<2.0	--	<46	--	--	<2.0	<37	<46	<46	<63
Perfluorononanoic Acid	<27	<34	<34	<63	<63	<2.0	--	<34	--	--	<2.0	<27	<34	<34	<63
Perfluorooctadecanoic Acid	<94	<120	<120	<120	<120	<2.0	--	<120	--	--	<2.0	<94	<120	<120	<120
Perfluorooctane Sulfonamide	<98	<120	<120	<120	<120	<2.0	--	<120	--	--	<2.0	<98	<120	<120	<120
Perfluoropentane Sulfonic Acid (PFPeS)	<30	<38	<38	<63	<63	<2.0	--	<38	--	--	<2.0	<30	<38	<38	<63
Perfluoropentanoic Acid	**2,700**	**1,400 J**	**880**	**820**	**790**	**40**	--	<61	--	--	**27**	<49	<61	<61	<63
Perfluorotetradecanoic Acid	<73	<91	<91	<91	<91	<2.0	--	<91	--	--	<2.0	<73	<91	<91	<91
Perfluorotridecanoic Acid	<130	<160	<160	<63	<63	<2.0	--	<160	--	--	<2.0	<130	<160	<160	<63
Perfluoroundecanoic Acid	<110	<140	<140	<63	<63	<2.0	--	<140	--	--	<2.0	<110	<140	<140	<63
PFOA	<85	<110	<110	<63	<63	**17**	--	<110	--	--	<2.0	<85	<110	<110	<63
PFOS	<54	<68	<68	<63	<63	<2.0	--	<68	--	--	<2.0	<54	<68	<68	<63

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Performance Monitoring Plan Sampling Program (Semi-Annually)																	
	OW-56					OW-57					PIW-4D				PIW-5SR			
METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	CAP1Q23-OW-56-022123 Sample Date: 21-Feb-23	CAP3Q23-OW-56-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-56-020124 Sample Date: 1-Feb-24	CAP3Q24-OW-56-072324 Sample Date: 23-Jul-24	CAP1Q25-OW-56-012025 Sample Date: 20-Jan-25	CAP1Q23-OW-57-021523 Sample Date: 15-Feb-23	CAP3Q23-OW-57-073123 Sample Date: 31-Jul-23	CAP1Q24-OW-57-020624 Sample Date: 6-Feb-24	CAP3Q24-OW-57-072524 Sample Date: 25-Jul-24	CAP1Q25-OW-57-012925 Sample Date: 29-Jan-25	CAP3Q23-PIW-4D-071323 Sample Date: 13-Jul-23	CAP1Q24-PIW-4D-012224 Sample Date: 22-Jan-24	CAP3Q24-PIW-4D-072324 Sample Date: 23-Jul-24	CAP1Q25-PIW-4D-041525 Sample Date: 15-Apr-25	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)
10:2 Fluorotelomer sulfonate	<2.0	<67	<84	<84	<84 UJ	<2.0	<67	<84	<84	<84	<2.0	<2.0	<84	<84	<67	--	--	--
11Cl-PF3OUdS	<2.0	<32	<40	<40	<86 UJ	<2.0	<32	<40	<40	<86	<2.0	<2.0	<40	<86	<32	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<46	<58	<58	<63 UJ	<2.0	<46	<58	<58	<63	<2.0	<2.0	<58	<63	<46	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<24	<30	<30	<63 UJ	<2.0	<24	<30	<30	<63	<2.0	<2.0	<30	<63	<24	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<85	<110	<110	<110 UJ	<2.0	<85	<110	<110	<110	<2.0	<2.0	<110	<110	<85	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<140	<180	<180	<180 UJ	<4.0	<140	<180	<180	<180	<4.0	<4.0	<180	<180	<140	--	--	--
6:2 Fluorotelomer sulfonate	<5.0	<250	<310	<310	<160 UJ	<5.0	<250	<310	<310	<160	<5.0	<5.0	<310	<160	<250	--	--	--
9Cl-PF3ONS	<2.0	<24	<30	<30	<63 UJ	<2.0	<24	<30	<30	<63	<2.0	<2.0	<30	<63	<24	--	--	--
DONA	<2.0	<40	<50	<50	<63 UJ	<2.0	<40	<50	<50	<63	<2.0	<2.0	<50	<63	<40	--	--	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<130	<160	<160	<160 UJ	<5.0	<130	<160	<160	<160	<5.0	<5.0	<160	<160	<130	--	--	--
N-ethylperfluoro-1-octanesulfonamide	<2.0	<87	<110	<110	<110 UJ	<2.0	<87	<110	<110	<110	<2.0	<2.0	<110	<110	<87	--	--	--
N-methyl perfluoro-1-octanesulfonamide	<2.0	<43	<54	<54	<63 UJ	<2.0	<43	<54	<54	<63	<2.0	<2.0	<54	<63	<43	--	--	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<120	<150	<150	<160 UJ	<5.0	<120	<150	<150	<160	<5.0	<5.0	<150	<160	<120	--	--	--
Perfluorobutane Sulfonic Acid	**2.5**	**33**	<25	<25	<63 UJ	**4.1**	**33**	<25	**26**	<63	<2.0	<2.0	<25	<63	<20	--	--	--
Perfluorobutanoic Acid	**22**	<240	<300	<300	<160 UJ	**140**	<240	<300	<300	<160	<5.0	<5.0	<300	<160	**780**	--	--	--
Perfluorodecane Sulfonic Acid	<2.0	<32	<40	<40	<63 UJ	<2.0	<32	<40	<40	<63	<2.0	<2.0	<40	<63	<32	--	--	--
Perfluorodecanoic Acid	<2.0	<31	<39	<39	<63 UJ	<2.0	<31	<39	<39	<63	<2.0	<2.0	<39	<63	<31	--	--	--
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<97	<120	<120	<120 UJ	<2.0	<97	<120	<120	<120	<2.0	<2.0	<120	<120	<97	--	--	--
Perfluorododecanoic Acid	<2.0	<55	<69	<69	<69 UJ	<2.0	<55	<69	<69	<69	<2.0	<2.0	<69	<69	<55	--	--	--
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<19	<24	<24	<63 UJ	<2.0	<19	<24	<24	<63	<2.0	<2.0	<24	<63	<19	--	--	--
Perfluoroheptanoic Acid	**3.5**	<25	<31	<31	<63 UJ	**71**	**86**	**87**	**92**	**100**	<2.0	<2.0	<31	<63	**80**	--	--	--
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<89	<110	<110	<63 UJ	<2.0	<89	<110	<110	<63	<2.0	<2.0	<110	<63	<89	--	--	--
Perfluorohexane Sulfonic Acid	<2.0	<57	<71	<71	<71 UJ	**2.3**	<57	<71	<71	<71	<2.0	<2.0	<71	<71	<57	--	--	--
Perfluorohexanoic Acid	**6.7**	<58	<73	<73	<73 UJ	**63**	**97**	**84**	**86**	**92**	<2.0	<2.0	<73	<73	<58	--	--	--
Perfluorononanesulfonic Acid	<2.0	<37	<46	<46	<63 UJ	<2.0	<37	<46	<46	<63	<2.0	<2.0	<46	<63	<37	--	--	--
Perfluorononanoic Acid	<2.0	<27	<34	<34	<63 UJ	<2.0	<27	<34	<34	<63	<2.0	<2.0	<34	<63	<27	--	--	--
Perfluorooctadecanoic Acid	<2.0	<94	<120	<120	<120 UJ	<2.0	<94	<120	<120	<120	<2.0	<2.0	<120	<120	<94	--	--	--
Perfluorooctane Sulfonamide	<2.0	<98	<120	<120	<120 UJ	<2.0	<98	<120	<120	<120	<2.0	<2.0	<120	<120	<98	--	--	--
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<30	<38	<38	<63 UJ	<2.0	<30	<38	<38	<63	<2.0	<2.0	<38	<63	<30	--	--	--
Perfluoropentanoic Acid	**44**	**56**	<61	<61	<63 UJ	**320**	**380**	**310**	**330**	**350**	**11**	**14**	<61	**110**	**1,100**	--	--	--
Perfluorotetradecanoic Acid	<2.0	<73	<91	<91	<91 UJ	<2.0	<73	<91	<91	<91	<2.0	<2.0	<91	<91	<73	--	--	--
Perfluorotridecanoic Acid	<2.0	<130	<160	<160	<63 UJ	<2.0	<130	<160	<160	<63	<2.0	<2.0	<160	<63	<130	--	--	--
Perfluoroundecanoic Acid	<2.0	<110	<140	<140	<63 UJ	<2.0	<110	<140	<140	<63	<2.0	<2.0	<140	<63	<110	--	--	--
PFOA	**2.7**	<85	<110	<110	<63 UJ	**750**	**1,000**	**930**	**1,100**	**1,400**	<2.0	<2.0	<110	<63	<85	--	--	--
PFOS	<2.0	<54	<68	<68	<63 UJ	<2.0	<54	<68	<68	<63	<2.0	<2.0	<68	<63	<54	--	--	--

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

	Performance Monitoring Plan Sampling Program (Semi-Annually)															
	PIW-6S				PIW-8D				PIW-10DR				PIW-10S			
METHOD 537 MOD SOP COMPOUNDs LIST[1] *(ng/L)*	CAP3Q23-PIW-6S-071223 Sample Date: 12-Jul-23	CAP1Q24-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	CAP3Q23-PIW-8D-071123 Sample Date: 11-Jul-23	CAP1Q24-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	CAP3Q23-PIW-10DR-071423 Sample Date: 14-Jul-23	CAP1Q24-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	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)
10:2 Fluorotelomer sulfonate	<2.0	<84	<84	<84	<2.0	<84	<84	<84	<2.0	<84	<84	<84	<2.0	--	--	--
11Cl-PF3OUdS	<2.0	<40	<40	<86	<2.0	<40	<40	<86	<2.0	<40	<40	<86	<2.0	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2.0	<58	<58	<63	<2.0	<58	<58	<63	<2.0	<58	<58	<63	<2.0	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2.0	<30	<30	<63	<2.0	<30	<30	<63	<2.0	<30	<30	<63	<2.0	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<2.0	<110	<110	<110	<2.0	<110	<110	<110	<2.0	<110	<110	<110	<2.0	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<4.0	<180	<180	<180	<4.0	<180	<180	<180	<4.0	<180	<180	<180	<4.0	--	--	--
6:2 Fluorotelomer sulfonate	<5.0	<310	<310	<160	**9.4**	<310	<310	<160	<5.0	<310	<310	<160	<5.0	--	--	--
9Cl-PF3ONS	<2.0	<30	<30	<63	<2.0	<30	<30	<63	<2.0	<30	<30	<63	<2.0	--	--	--
DONA	<2.0	<50	<50	<63	<2.0	<50	<50	<63	<2.0	<50	<50	<63	<2.0	--	--	--
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<160	<160	<160	<5.0	<160	<160	<160	<5.0	<160	<160	<160	<5.0	--	--	--
N-ethylperfluoro-1-octanesulfonamide	<2.0	<110	<110	<110	<2.0	<110	<110	<110	<2.0	<110	<110	<110	<2.0	--	--	--
N-methyl perfluoro-1-octanesulfonamide	<2.0	<54	<54	<63	<2.0	<54	<54	<63	<2.0	<54	<54	<63	<2.0	--	--	--
N-Methyl Perfluorooctane Sulfonamidoacetic Acid	<5.0	<150	<150	<160	<5.0	<150	<150	<160	<5.0	<150	<150	<160	<5.0	--	--	--
Perfluorobutane Sulfonic Acid	<2.0	<25	<25	<63	<2.0	<25	<25	<63	<2.0	<25	<25	<63	<2.0	--	--	--
Perfluorobutanoic Acid	**150**	<300	<300	**250**	**310**	**660**	**680**	**800**	**130**	<300	<300	<160	**47**	--	--	--
Perfluorodecane Sulfonic Acid	<2.0	<40	<40	<63	<2.0	<40	<40	<63	<2.0	<40	<40	<63	<2.0	--	--	--
Perfluorodecanoic Acid	<2.0	<39	<39	<63	<2.0	<39	<39	<63	<2.0	<39	<39	<63	<2.0	--	--	--
Perfluorododecane Sulfonic Acid (PFDoS)	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	--	--	--
Perfluorododecanoic Acid	<2.0	<69	<69	<69	<2.0	<69	<69	<69	<2.0	<69	<69	<69	<2.0	--	--	--
Perfluoroheptane Sulfonic Acid (PFHpS)	<2.0	<24	<24	<63	<2.0	<24	<24	<63	<2.0	<24	<24	<63	<2.0	--	--	--
Perfluoroheptanoic Acid	**23**	<31	<31	<63	**250**	**760**	**720**	**730**	**76**	**80**	**59**	**68**	**11**	--	--	--
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<110	<110	<63	<2.0	<110	<110	<63	<2.0	<110	<110	<63	<2.0	--	--	--
Perfluorohexane Sulfonic Acid	<2.0	<71	<71	<71	<2.0	<71	<71	<71	<2.0	<71	<71	<71	<2.0	--	--	--
Perfluorohexanoic Acid	**17**	<73	<73	<73	**75**	**210**	**190**	**190**	**29**	<73	<73	<73	**8.6**	--	--	--
Perfluorononanesulfonic Acid	<2.0	<46	<46	<63	<2.0	<46	<46	<63	<2.0	<46	<46	<63	<2.0	--	--	--
Perfluorononanoic Acid	<2.0	<34	<34	<63	<2.0	<34	<34	<63	<2.0	<34	<34	<63	<2.0	--	--	--
Perfluorooctadecanoic Acid	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	--	--	--
Perfluorooctane Sulfonamide	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	<120	<120	<120	<2.0	--	--	--
Perfluoropentane Sulfonic Acid (PFPeS)	<2.0	<38	<38	<63	<2.0	<38	<38	<63	<2.0	<38	<38	<63	<2.0	--	--	--
Perfluoropentanoic Acid	**820**	**760 J**	**710**	**1,100**	**1,700**	**3,500**	**3,500**	**3,600**	**350**	**400**	**370**	**390**	**59**	--	--	--
Perfluorotetradecanoic Acid	<2.0	<91	<91	<91	<2.0	<91	<91	<91	<2.0	<91	<91	<91	<2.0	--	--	--
Perfluorotridecanoic Acid	<2.0	<160	<160	<63	<2.0	<160	<160	<63	<2.0	<160	<160	<63	<2.0	--	--	--
Perfluoroundecanoic Acid	<2.0	<140	<140	<63	<2.0	<140	<140	<63	<2.0	<140	<140	<63	<2.0	--	--	--
PFOA	<2.0	<110	<110	<63	**2.5**	<110	<110	<63	**4.1**	<110	<110	<63	**9.1**	--	--	--
PFOS	<2.0	<68	<68	<63	<2.0	<68	<68	<63	<2.0	<68	<68	<63	<2.0	--	--	--

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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

Notes:

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

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

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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*	*Apr 15 (0.00)* *Apr 16 (0.00)* *Apr 17 (0.00)*	*Jul 8 (0.00)* *Jul 9 (0.00)* *Jul 10 (0.00)*	*Oct 21 (0.00)* *Oct 22 (0.00)* *Oct 23 (0.00)*	*Jan 5 (0.00)* *Jan 6 (0.25)* *Jan 7 (0.00)*
METHOD 537 MOD SOP COMPOUNDs LIST[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	**CAP1Q23-WC-1-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-1-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-1-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-1-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-1-24-022224** Sample Date: 22-Feb-24	**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
Hfpo Dimer Acid	**560**	**580**	**310**	**430**	**360**	**89 J**	**240**	**320**	**460**	**220**	**160**
PFMOAA	**1,300**	**1,900**	**480**	**830**	**970**	**200**	**420**	**1,000**	**1,400**	**880**	**460**
PFO2HxA	**650**	**960**	**280**	**500**	**500**	**150**	**310**	**440**	**540**	**310**	**250**
PFO3OA	**130**	**160**	**45**	**90**	**87**	**23 J**	**57**	**76**	**79 J**	**59**	**42**
PFO4DA	**25**	**29**	**10**	**15**	**16**	**5.4 J**	**9.4**	**14**	**17**	**10**	**8.0**
PFO5DA	<3.9	<7.8	<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**
PEPA	**150**	**200**	**74**	**120**	**120**	**45**	**72**	**95**	**110**	**72**	**59**
PS Acid	<2.0	**2.6**	<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**	**8.0**
R-PSDA	**42 J**	**36 J**	**30 J**	**86 J**	**170 J**	**11 J**	**36 J**	**100 J**	**160 J**	**150 J**	**49 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**
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<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**
EVE Acid	<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**
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**
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
PFECA B	<2.0	<2.7	<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
PFPrA	--	--	--	--	**770**	**250**	**530**	**680**	**780**	**460**	**340**
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**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**3,360**	**941**	**1,950**	**3,000**	**3,930**	**2,330**	**1,620**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**3,880**	**986**	**2,170**	**3,510**	**4,500**	**2,890**	**1,900**

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

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*	*Apr 15 (0.00)* *Apr 16 (0.00)* *Apr 17 (0.00)*	*Jul 8 (0.00)* *Jul 9 (0.00)* *Jul 10 (0.00)*	*Oct 21 (0.00)* *Oct 22 (0.00)* *Oct 23 (0.00)*	*Jan 5 (0.00)* *Jan 6 (0.25)* *Jan 7 (0.00)*
METHOD 537 MOD SOP COMPOUNDs LIST[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	**CAP1Q23-WC-2-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-2-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-2-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-2-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-2-24-022224** Sample Date: 22-Feb-24	**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
Hfpo Dimer Acid	**320**	**490**	**180**	**290**	**260**	**120**	**160**	**210**	**260**	**150**	**120**
PFMOAA	**250**	**1,000**	**300**	**360**	**610**	**290 J**	**250**	**480**	**340**	**260**	**150**
PFO2HxA	**250**	**640**	**160**	**280**	**350**	**190 J**	**180**	**230**	**290**	**200**	**150**
PFO3OA	**40**	**89**	**21**	**42**	**55**	**27**	**25**	**40**	**37**	**28**	**23**
PFO4DA	**12**	**17**	**4.5**	**8.2**	**10**	**5.3**	**4.8**	**7.8**	**7.1**	**5.3**	**4.9**
PFO5DA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PMPA	**330**	**570**	**240**	**310**	**410**	**230 J**	**200**	**260**	**320**	**230**	**210**
PEPA	**70**	**150**	**52**	**86**	**92**	**48 J**	**41**	**62**	**65**	**51**	**44**
PS Acid	<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	**12**	**11**	**7.2**	**8.2**	**9.5**	**6.1**	**6.6**	**9.4**	**8.6**	**8.7**	**6.8**
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**
Hydrolyzed PSDA	**44 J**	**130 J**	**28 J**	**44 J**	**75 J**	**20 J**	**14 J**	**81 J**	**30 J**	**30 J**	**26 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
NVHOS, Acid Form	**8.3**	**19**	**5.7**	**8.6**	**16**	**5.7 J**	**5.7**	**8.1**	**8.8**	**4.0**	<3.0
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hydro-EVE Acid	**4.5**	**12**	<2.0	**3.1**	**2.2**	**2.2**	**2.1**	<2.0	<2.0	<2.0	<2.0
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**
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
PFECA B	<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
PFPrA	--	--	--	--	**570**	**340 J**	**320**	**450**	**440**	**300**	**240**
Total Table 3+ (17 compounds)[2,3]	**1,300**	**3,000**	**970**	**1,400**	**1,810**	**924**	**875**	**1,310**	**1,340**	**937**	**709**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**2,380**	**1,260**	**1,200**	**1,760**	**1,780**	**1,240**	**949**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**2,600**	**1,300**	**1,230**	**1,920**	**1,960**	**1,430**	**1,030**

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

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*	*Apr 15 (0.00)* *Apr 16 (0.00)* *Apr 17 (0.00)*	*Jul 8 (0.00)* *Jul 9 (0.00)* *Jul 10 (0.00)*	*Oct 21 (0.00)* *Oct 22 (0.00)* *Oct 23 (0.00)*	*Jan 5 (0.00)* *Jan 6 (0.25)* *Jan 7 (0.00)*
METHOD 537 MOD SOP COMPOUNDs LIST[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	**CAP1Q23-WC-3-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-3-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-3-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-3-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-3-24-022224** Sample Date: 22-Feb-24	**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
Hfpo Dimer Acid	**180**	**190**	**100**	**150**	**130**	**49**	**50 J**	**110**	**160**	**79**	**71**
PFMOAA	**45**	**72**	**35**	**55**	**58**	**25**	**22 J**	**47**	**76**	**42**	**29**
PFO2HxA	**140**	**190**	**74**	**130**	**140**	**61**	**44 J**	**110**	**150**	**99**	**86**
PFO3OA	**19**	**21**	**8.7**	**16**	**19**	**7.6**	<8.9	**14**	**18**	**12**	**11**
PFO4DA	**5.3**	**4.8**	**2.1**	**3.5**	**5.1**	**2.2**	<4.0	**3.5**	**5.3**	**3.0**	**2.4**
PFO5DA	<2.0	<2.0	<2.0	<2.0	**2.1**	<2.0	<10	<2.0	<2.0	<2.0	<2.0
PMPA	**230**	**260**	**160**	**190**	**200**	**120**	**83 J**	**180**	**230**	**140**	**160**
PEPA	**45**	**70**	**32**	**53**	**50**	**24**	**31**	**40**	**51**	**27**	**31**
PS Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<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**
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**
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
R-PSDCA	<2.0	<2.0	<2.0	<2.0	<3.0	<3.0	<14	<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
EVE Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<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
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**
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
PFECA B	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.2	<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
PFPrA	--	--	--	--	**280**	**150**	**210**	**240**	**300**	**190**	**170**
Total Table 3+ (17 compounds)[2,3]	**678**	**819**	**421**	**607**	**612**	**293**	**230**	**512**	**702**	**409**	**397**
Total Table 3+ (18 compounds)[2,4]	--	--	--	--	**892**	**443**	**440**	**752**	**1,000**	**599**	**567**
Total Table 3+ (21 compounds)[2,5]	--	--	--	--	**988**	**450**	**443**	**810**	**1,140**	**695**	**609**

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

Table 6-4
Willis Creek PFAS Analytical Results
Quarterly Report #9 (Jan - Mar 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)***
	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)***
	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)***
						WC-1					
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP3Q22-WC-1-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-1-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-1-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-1-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-1-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-1-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-1-24-022224** Sample Date: 22-Feb-24	**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
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
11Cl-PF3OUdS	<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
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-(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-(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
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
9Cl-PF3ONS	<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
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
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
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
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
Perfluorobutane Sulfonic Acid	**4.6**	**3.9**	**4.4**	**4.6**	**4.9**	**3.7**	**5.7**	**7.5**	**5.5**	**8.3**	**12**
Perfluorobutanoic Acid	**6.6**	**9.1**	**7**	**6.3**	**9**	<5.0	**5.2**	**6.7**	**8.6**	**8.0**	**5.7**
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
Perfluorodecanoic Acid	<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
Perfluorododecanoic Acid	<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
Perfluoroheptanoic Acid	**2.4**	**2.9**	<2.0	**2.4**	**2.4**	<2.0	<2.0	**2.1**	**2.8**	<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
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
Perfluorohexanoic Acid	**3.5**	**4.1**	**2.8**	**3.7**	**4.3**	<2.0	**3.1**	**4.3**	**4.3**	**4.4**	**5.2**
Perfluorononanesulfonic Acid	<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
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4	<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
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
Perfluoropentanoic Acid	**13**	**13**	**7.8**	**11**	**9.9**	**3.4**	**6.7**	**11**	**13**	**7.7**	**8.4**
Perfluorotetradecanoic Acid	<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
Perfluoroundecanoic Acid	<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**
PFOS	**2.5**	<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.
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 #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Antecedent Daily Total Rainfall (inches):	*Jul 18 (0.00)* *Jul 19 (0.10)* *Jul 20 (0.47)*	*Nov 6 (0.00)* *Nov 7 (0.00)* *Nov 8 (0.00)*	*Feb 22 (0.00)* *Feb 23 (0.00)* *Feb 24 (0.01)*	*May 9 (0.00)* *May 10 (0.00)* *May 11 (0.00)*	*Jul 24 (0.20)* *Jul 25 (0.00)* *Jul 26 (0.00)*	*Nov 20 (0.00)* *Nov 21 (0.41)* *Nov 22 (1.26)*	*Feb 19 (0.00)* *Feb 20 (0.00)* *Feb 21 (0.00)*	*Apr 15 (0.00)* *Apr 16 (0.00)* *Apr 17 (0.00)*	*Jul 8 (0.00)* *Jul 9 (0.00)* *Jul 10 (0.00)*	*Oct 21 (0.00)* *Oct 22 (0.00)* *Oct 23 (0.00)*	*Jan 5 (0.00)* *Jan 6 (0.25)* *Jan 7 (0.00)*
						WC-2					
METHOD 537 MOD SOP COMPOUNDs LIST [1] *(ng/L)*	**CAP3Q22-WC-2-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-2-22-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-2-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-2-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-2-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-2-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-2-24-022224** Sample Date: 22-Feb-24	**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
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
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
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
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-(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-(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
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
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
DONA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 UJ	<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
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
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
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
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**
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**
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
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
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
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
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
Perfluoroheptanoic Acid	<2.0	**2.4**	<2.0	<2.0	**2.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexadecanoic Acid (PFHxDA)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.9	<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
Perfluorohexanoic Acid	**3.0**	**3.9**	**2.6**	**3.1**	**3.8**	**2.3**	**2.8**	**3.6**	**4.3**	**4.0**	**4.9**
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
Perfluorononanoic Acid	<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
Perfluorooctane Sulfonamide	<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
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**
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
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
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
PFOA	**3.4**	**5.1**	**2.8**	**3.1**	**5.6**	**2.3**	**2.7**	**3.7**	**3.8**	**4.2**	**3.2**
PFOS	<2.0	<2.0	<2.0	<2.0	<2.0	**2.0 J**	<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.
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 #9 (Jan - Mar 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)***
	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)***
	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)***
						WC-3					
METHOD 537 MOD SOP COMPOUNDs LIST [1] ***(ng/L)***	**CAP3Q22-WC-3-24-072122** Sample Date: 21-Jul-22	**CAP4Q22-WC-3-24-110922** Sample Date: 9-Nov-22	**CAP1Q23-WC-3-24-022523** Sample Date: 25-Feb-23	**CAP2Q23-WC-3-24-051223** Sample Date: 12-May-23	**CAP3Q23-WC-3-24-072723** Sample Date: 27-Jul-23	**CAP4Q23-WC-3-112323** Sample Date: 23-Nov-23	**CAP1Q24-WC-3-24-022224** Sample Date: 22-Feb-24	**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
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
11Cl-PF3OUdS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.2	<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
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-(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-(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
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
9Cl-PF3ONS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.4	<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
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
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
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
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
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**
Perfluorobutanoic Acid	<5.0	<5.0	<5.0	<5.0	**5.8**	<5.0	<24	**5.6**	**6.2**	**5.5**	<5.0
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
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.1	<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
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.5	<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
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.5	<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
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
Perfluorohexanoic Acid	**2.6**	**2.3**	**2.1**	**2.7**	**3.0**	<2.0	<5.8	**3.4**	**4.3**	**3.2**	**5.1**
Perfluorononanesulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.7	<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
Perfluorooctadecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<9.4	<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
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
Perfluoropentanoic Acid	**5.5**	**4.5**	**3.6**	**5.1**	**4.9**	**2.6**	<4.9	**5.5**	**6.7**	**5.2**	**6.5**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<7.3	<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
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<11	<2.0	<2.0	<2.0	<2.0
PFOA	**2.4**	<2.0	<2.0	<2.0	**2.1**	<2.0	<8.5	**2.3**	**2.5**	**2.7**	**2.5**
PFOS	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<5.4	<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.
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 6-5
Willis Creek PFAS Mass Discharge
Quarterly Report #9 (Jan - Mar 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

Sample Date	Willis Creek Flow Rate[1]	Total Table 3+ Concentration (17 compounds) (ng/L)		PFAS Mass Discharge (Total Table 3+ 17 compounds) (mg/sec)		Δ PFAS Mass Discharge (Total Table 3+ 17 compounds) (mg/sec)
	(ft^3/sec)	WC-2	WC-1	WC-2	WC-1	Δ WC-2 TO WC-1
21-Jul-22	5.0	1,300	3,500	0.18	0.49	0.31
09-Nov-22	3.4	3,000	4,680	0.29	0.45	0.16
25-Feb-23	6.7 [2]	970	1,570	0.18	0.30	0.11
14-Mar-23	***Startup of the Groundwater Extraction and Conveyance (GWEC) System***					
12-May-23	3.5	1,400	2,450	0.14	0.24	0.10
27-Jul-23	2.8	1,810	2,590	0.14	0.20	0.06
23-Nov-23	15.5	924	691	0.41	0.30	-0.10
22-Feb-24	7.3	875	1,420	0.18	0.29	0.11
18-Apr-24	NM[3]	1,310	2,320	NM	NM	NM
11-Jul-24	3.6	1,340	3,150	0.14	0.32	0.18
24-Oct-24	6.0	937	1,870	0.16	0.32	0.16
08-Jan-25	9.0	709	1,280	0.18	0.33	0.15

Notes:

1 - Willis Creek flow rate was measured using the Marsh-McBirney method, and if practical is performed within the 24-hour composite cycle of the sampling program.

2 - Flooding affected the February 2023 event. Previous reports utilized flow rate data from upstream location WC-6 on February 13, 2023. However, it was determined that WC-1 flow and concentration data are available instead on February 25, 2023 and are utilized above.

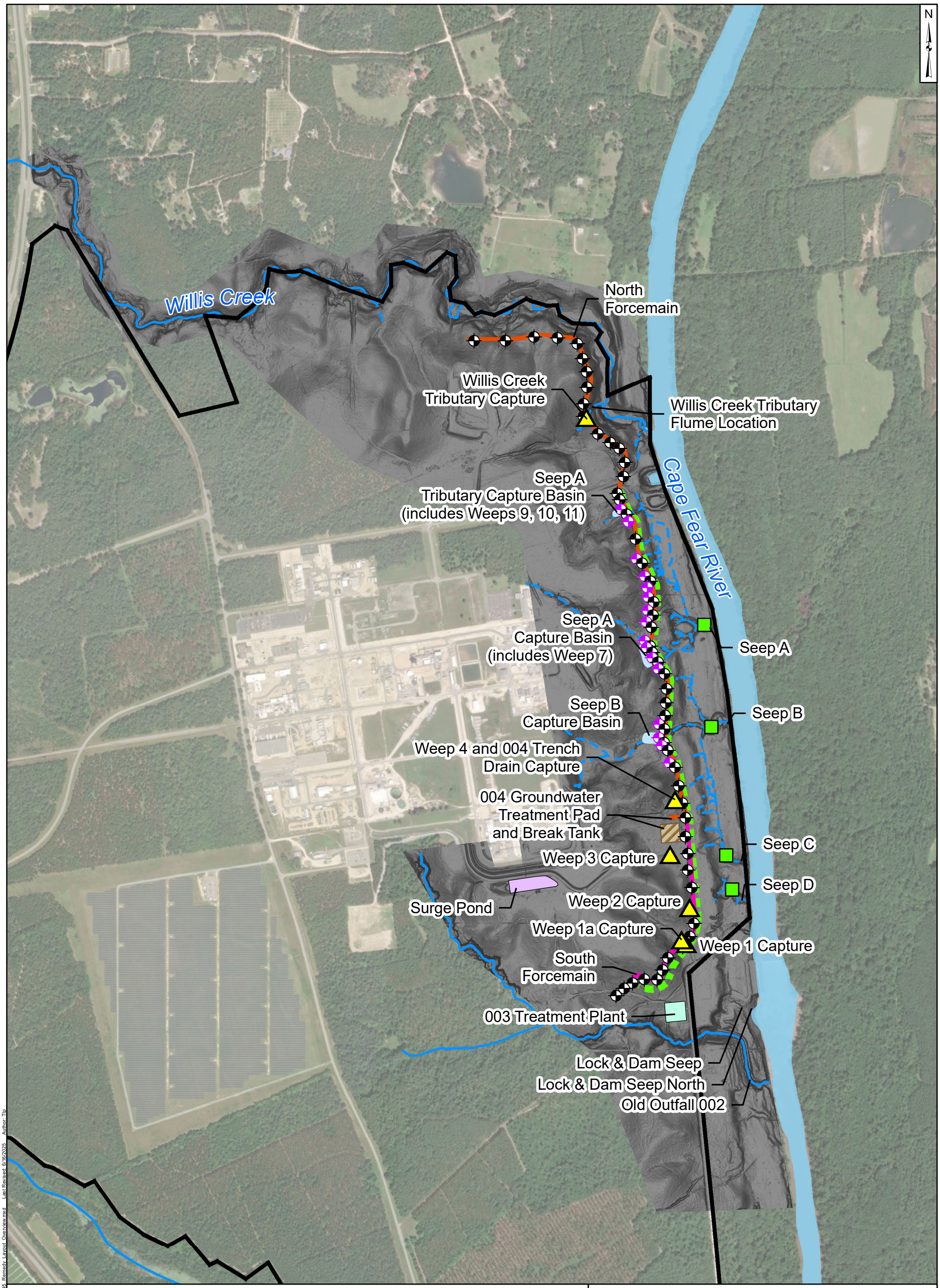
3 - For the April 18, 2024 event, flow rate was inadvertently Not Measured (NM). In previous reports, a surrogate value from May 2023 was used, but as these data sets are likely not congruous, this surrogate is no longer being used. Concentration data are still provided above.

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

5 - WC-2 is located near the upgradient end of the long-term remedy alignment (i.e., downgradient of EW-1), and WC-1 is located near the confluence with the Cape Fear River.

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

Figures



Legend

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

1,000 500 0 1,000 Feet

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

Remedy Layout Overview

Chemours Fayetteville Works, North Carolina

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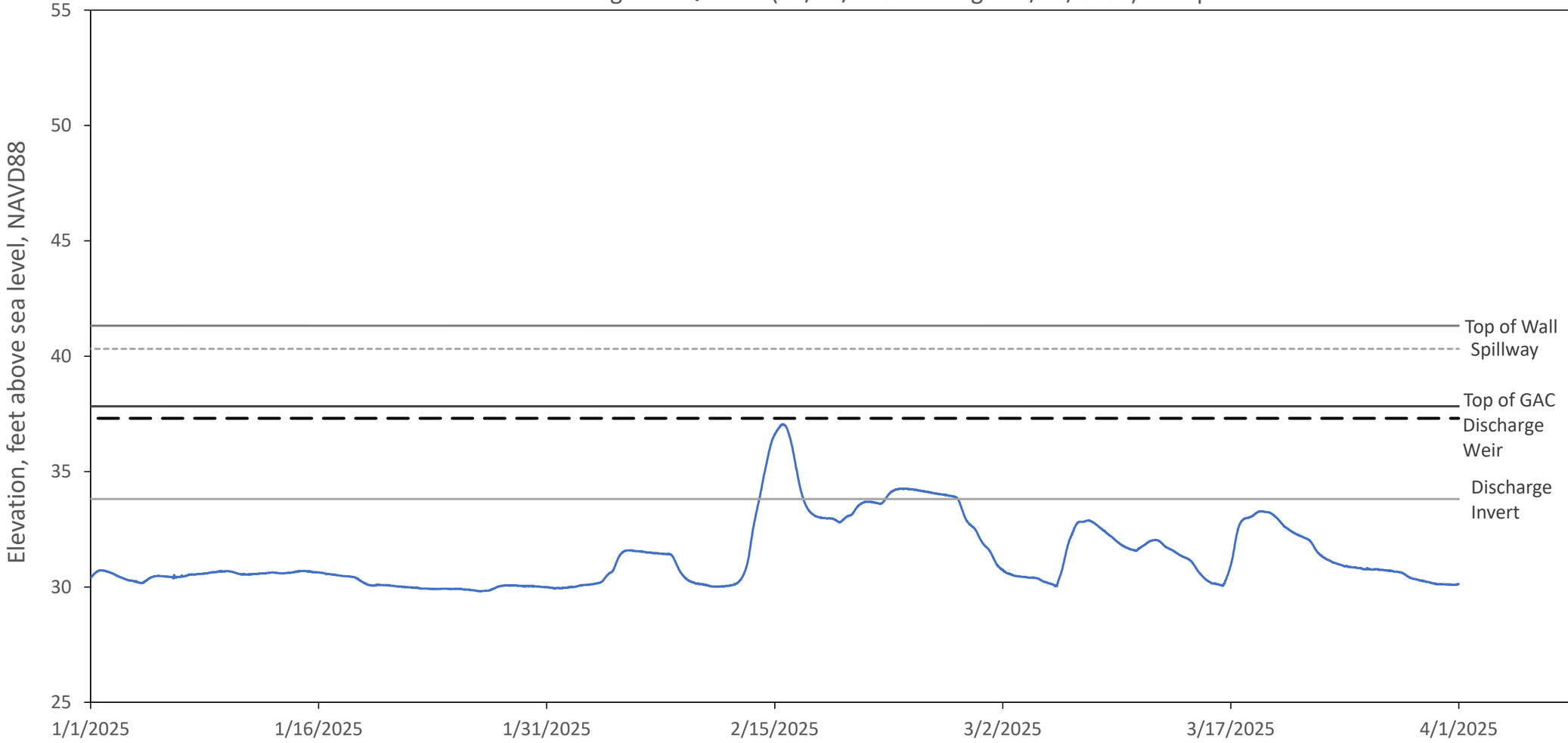
Raleigh | June 2025

Figure 1-1

Path: \\Raleigh-01\Data\PR\Projects\TR0795\Database and GIS\GIS\GWEC OMMT\R0795_Remedy_Layout_Overview.mxd Last Revised: 6/16/2025 Author: Tlp

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

River Elevation During First Quarter (01/01/2025 through 03/31/2025) - Seep A



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

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

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Fayetteville, North Carolina

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Figure 2-1A

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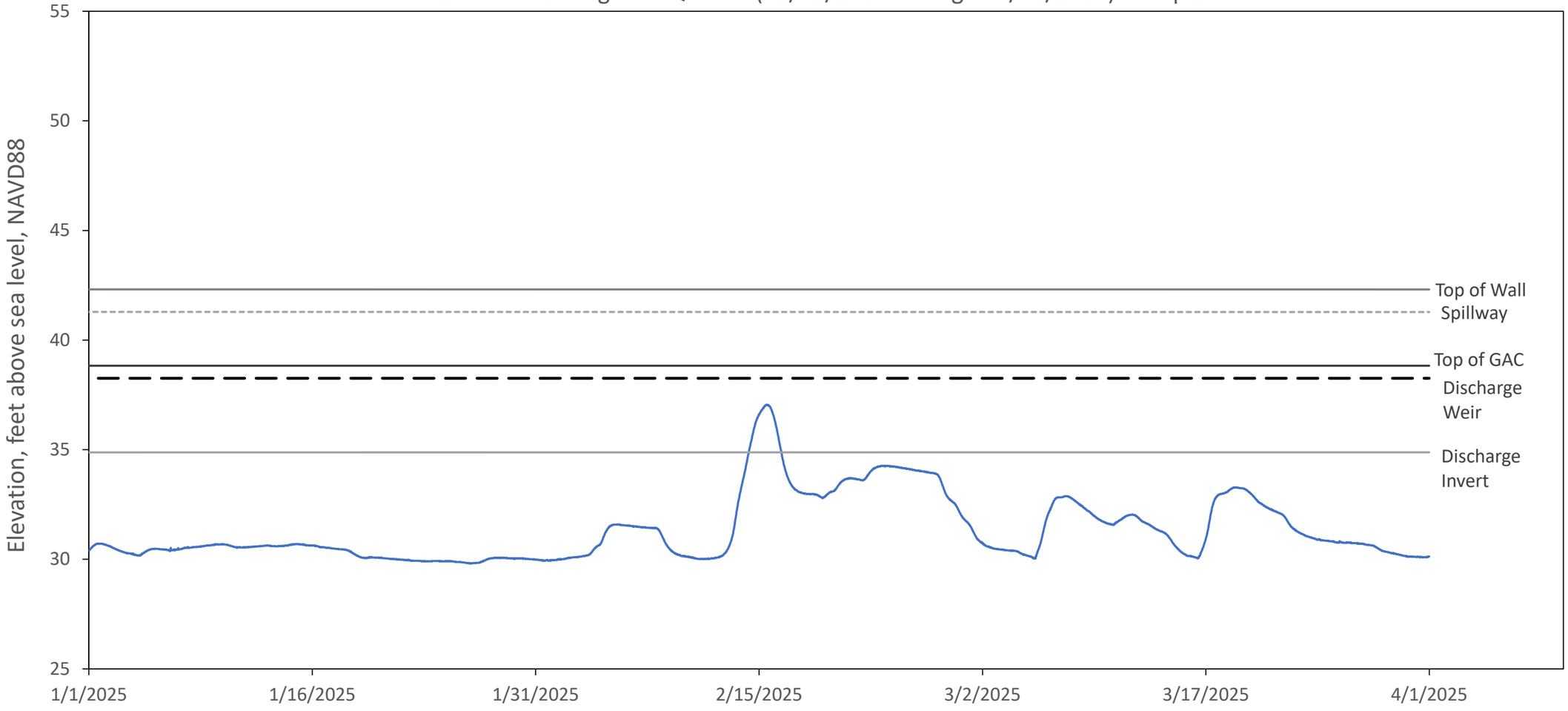
River Elevation During First Quarter (01/01/2025 through 03/31/2025) - Seep B



Legend

River

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

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

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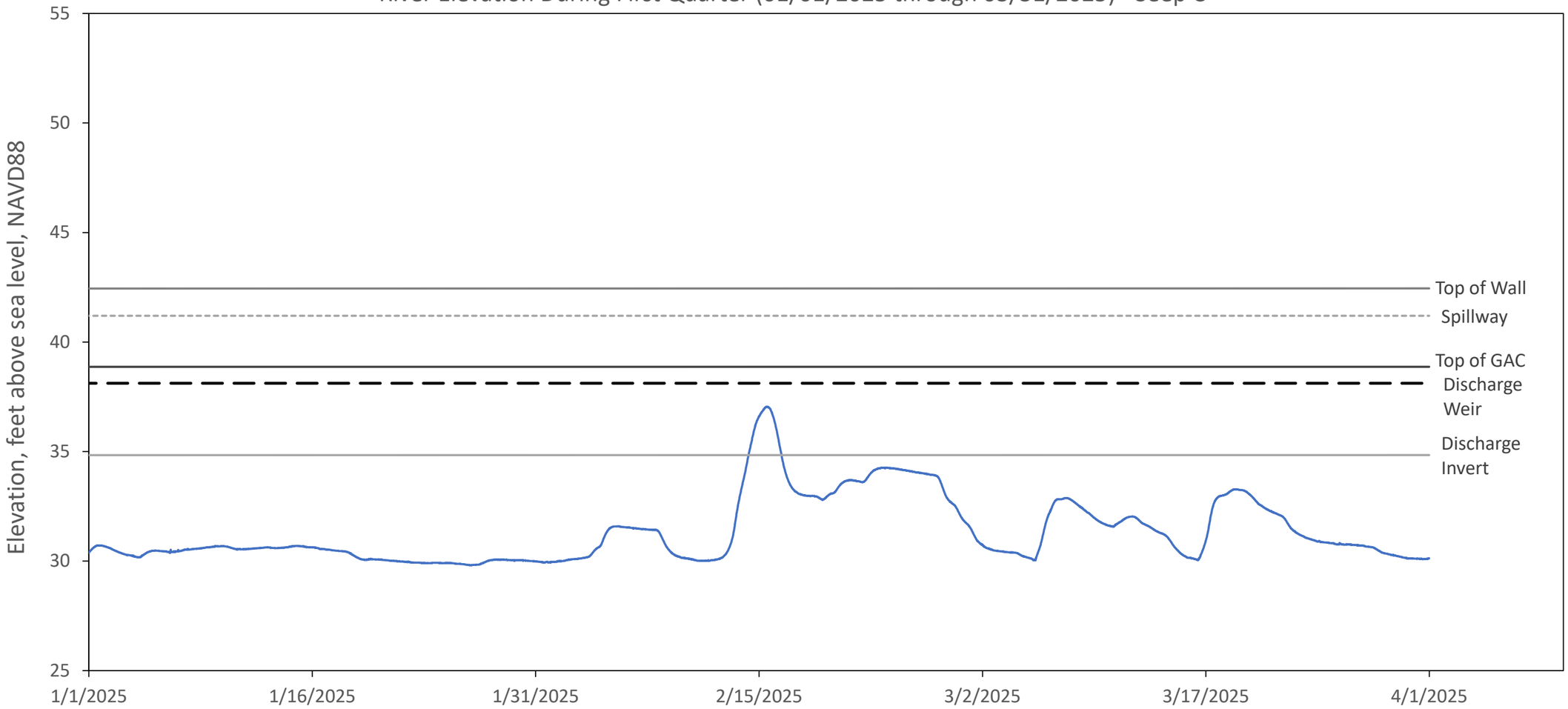
Figure

2-1B

Raleigh, NC | June 2025



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

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Fayetteville, North Carolina

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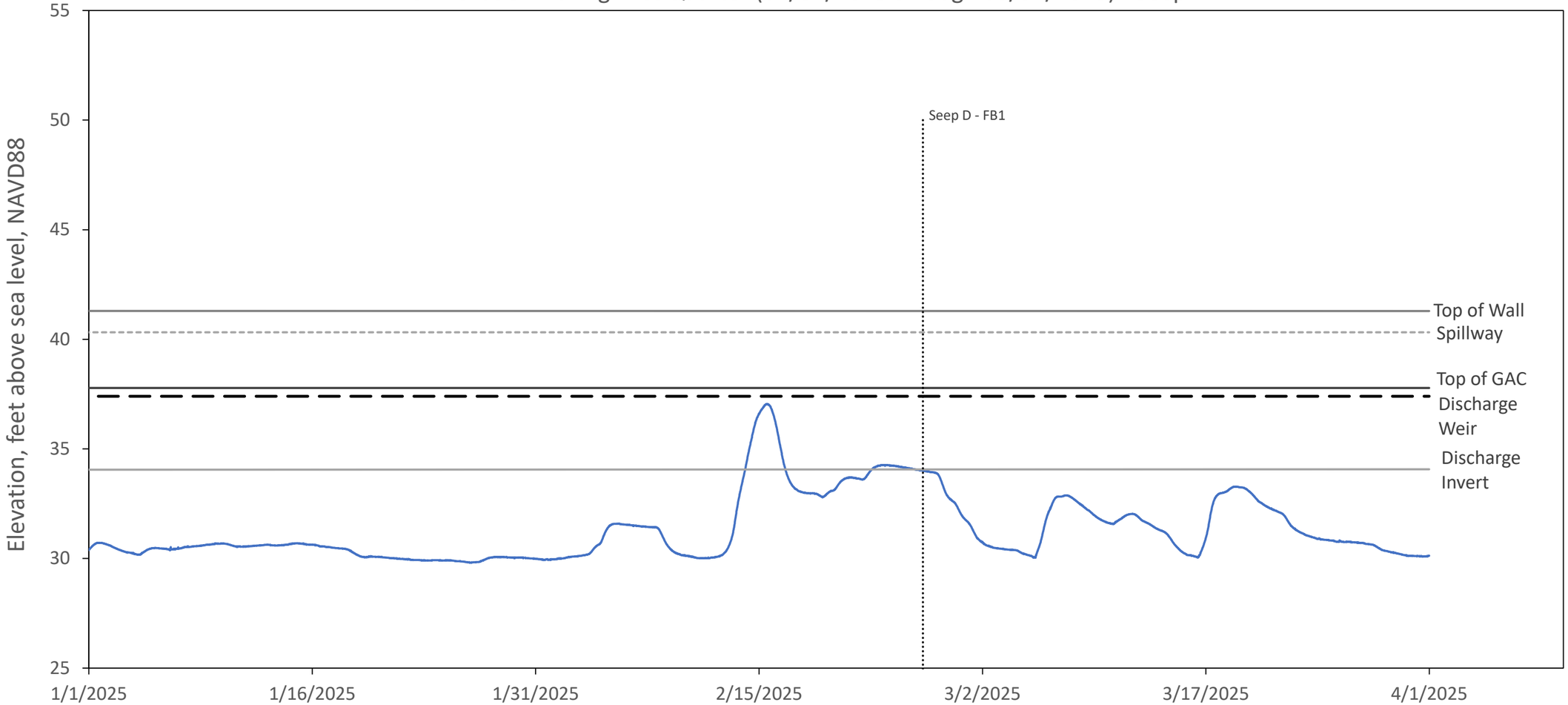
Figure

2-1C

Raleigh, NC | June 2025

River Elevation During First Quarter (01/01/2025 through 03/31/2025) - Seep D



Legend

River

GAC Changeout

Notes:

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

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

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

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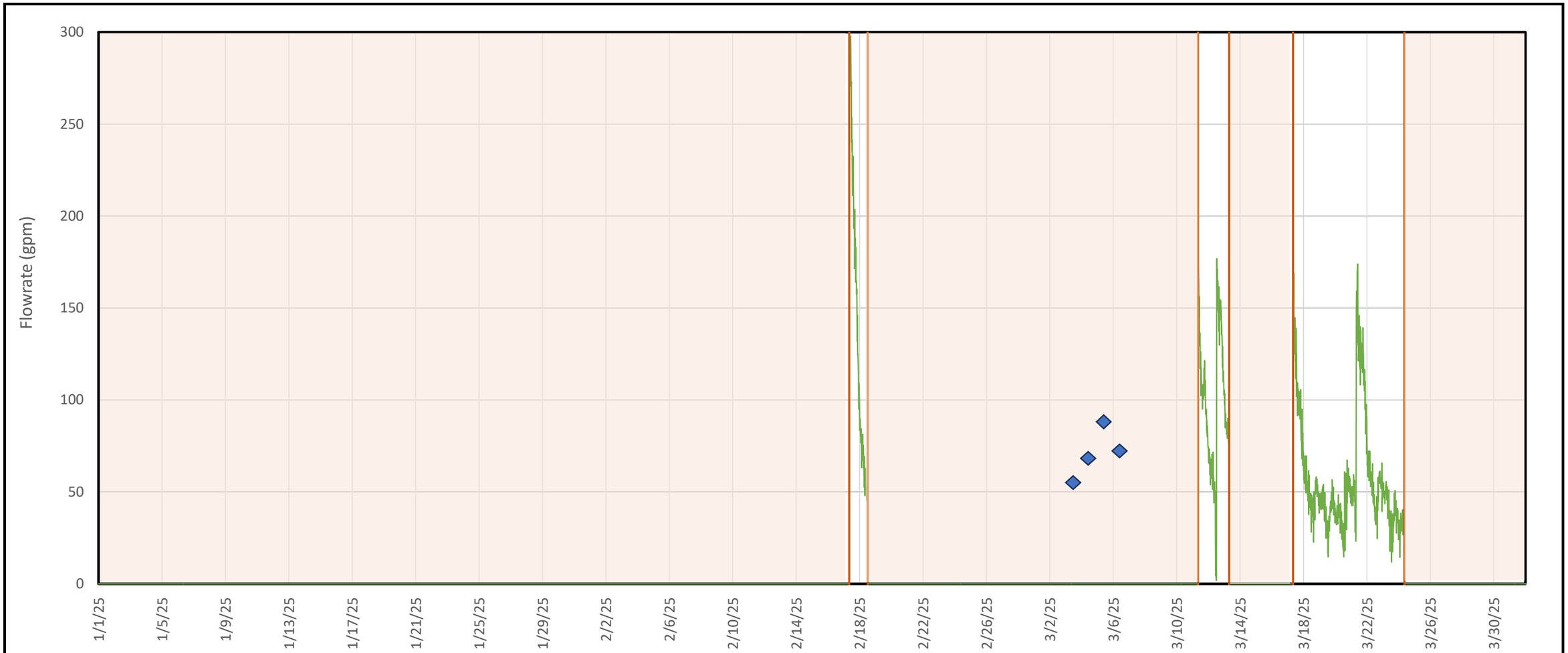
Figure

2-1D

Raleigh, NC | June 2025



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Pumping Flowrate

Notes:

gpm - gallons per minute

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

This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data. Periodically during batch mode, the impoundment was pumped into the filter beds through a flowmeter skid; the approximate flow rate during intermittent pumping is shown with blue diamond symbols.

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2025) - Seep A

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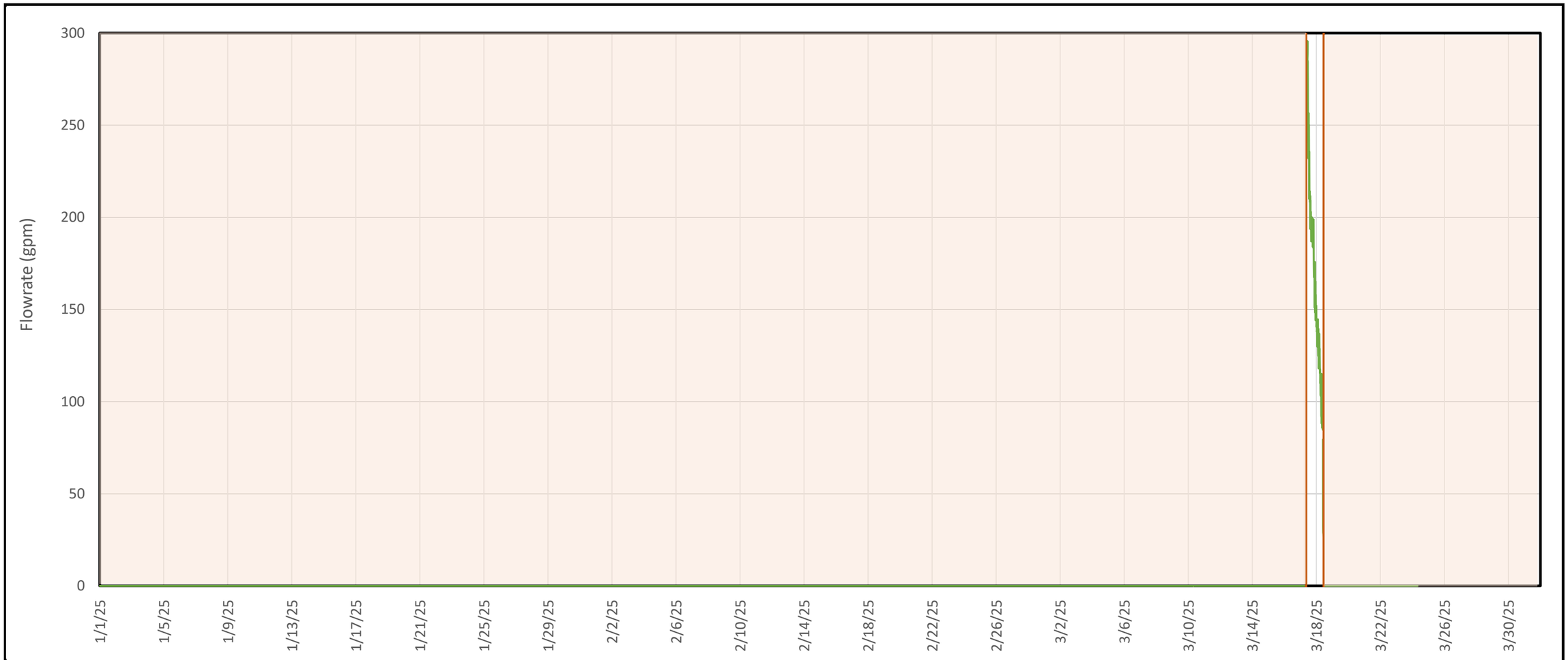
Figure

2-2A



Legend

- Measured Discharge Flowrate
- FTC off, no flow

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.
FTC - Flow-Through Cell

FTC Discharge Flowrate (Jan - Mar 2025) - Seep B

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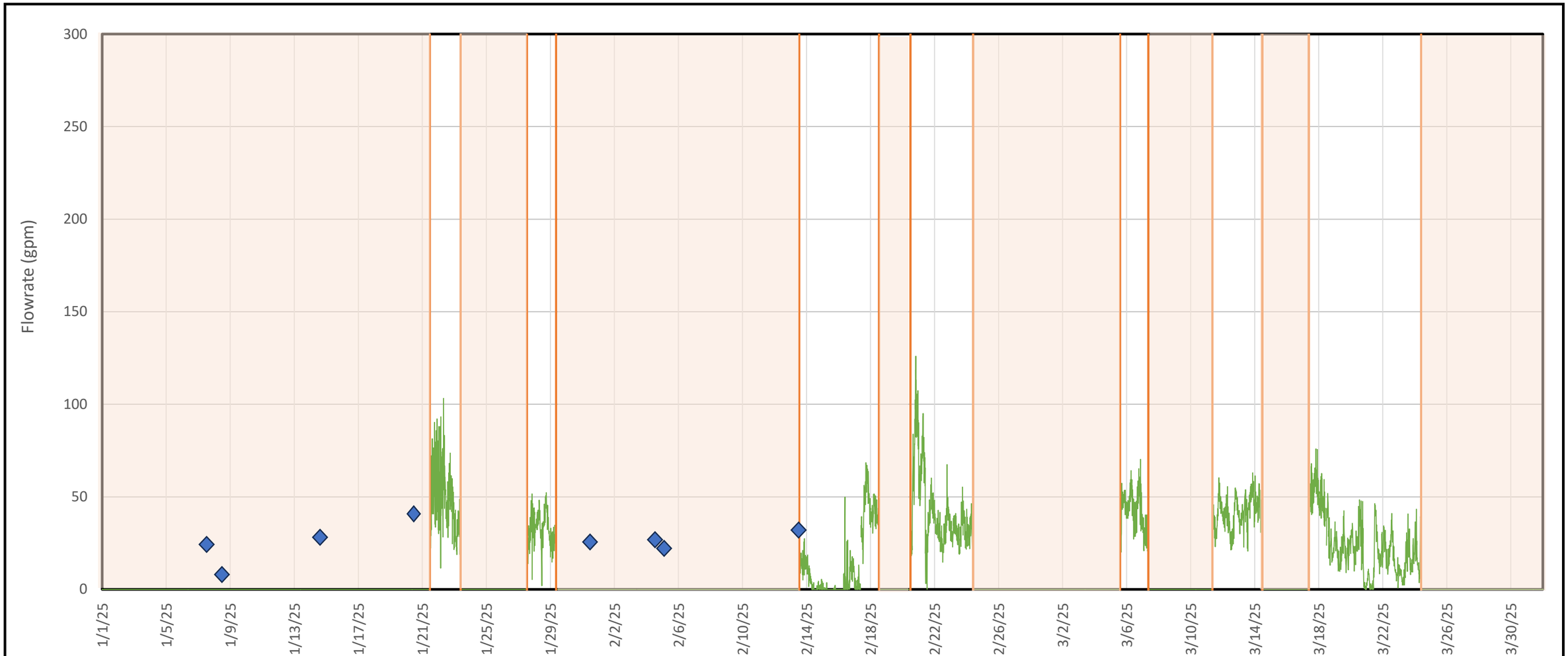
Figure 2-2B



Legend

- Measured Discharge Flowrate
- FTC off, no flow
- Pumping Flowrate

Notes:

gpm - gallons per minute

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

This figure depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data. Periodically during batch mode, the impoundment was pumped into the filter beds through a flowmeter skid; the approximate flow rate during intermittent pumping is shown with blue diamond symbols

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2025) - Seep C

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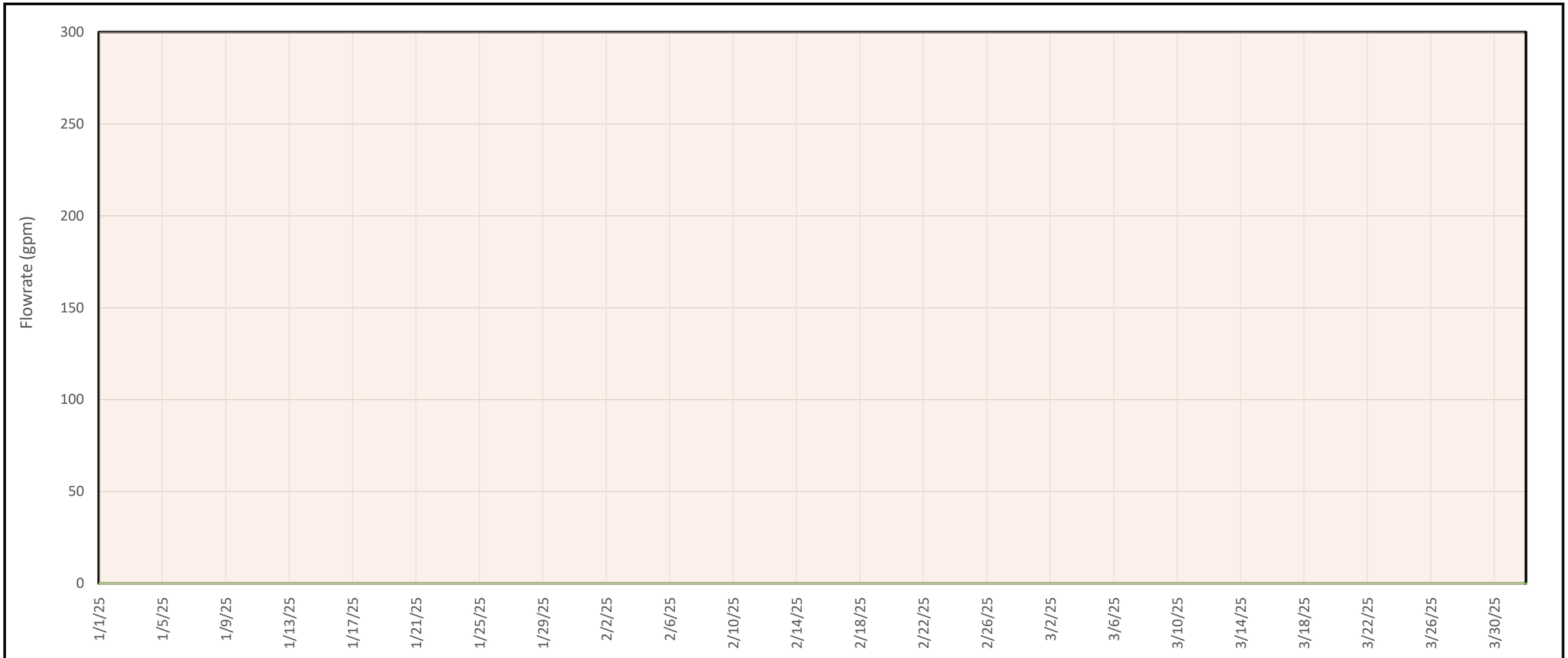
Figure 2-2C



Legend

- Measured Discharge Flowrate
- FTC off, no flow

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.

FTC - Flow-Through Cell

FTC Discharge Flowrate
(Jan - Mar 2025) - Seep D

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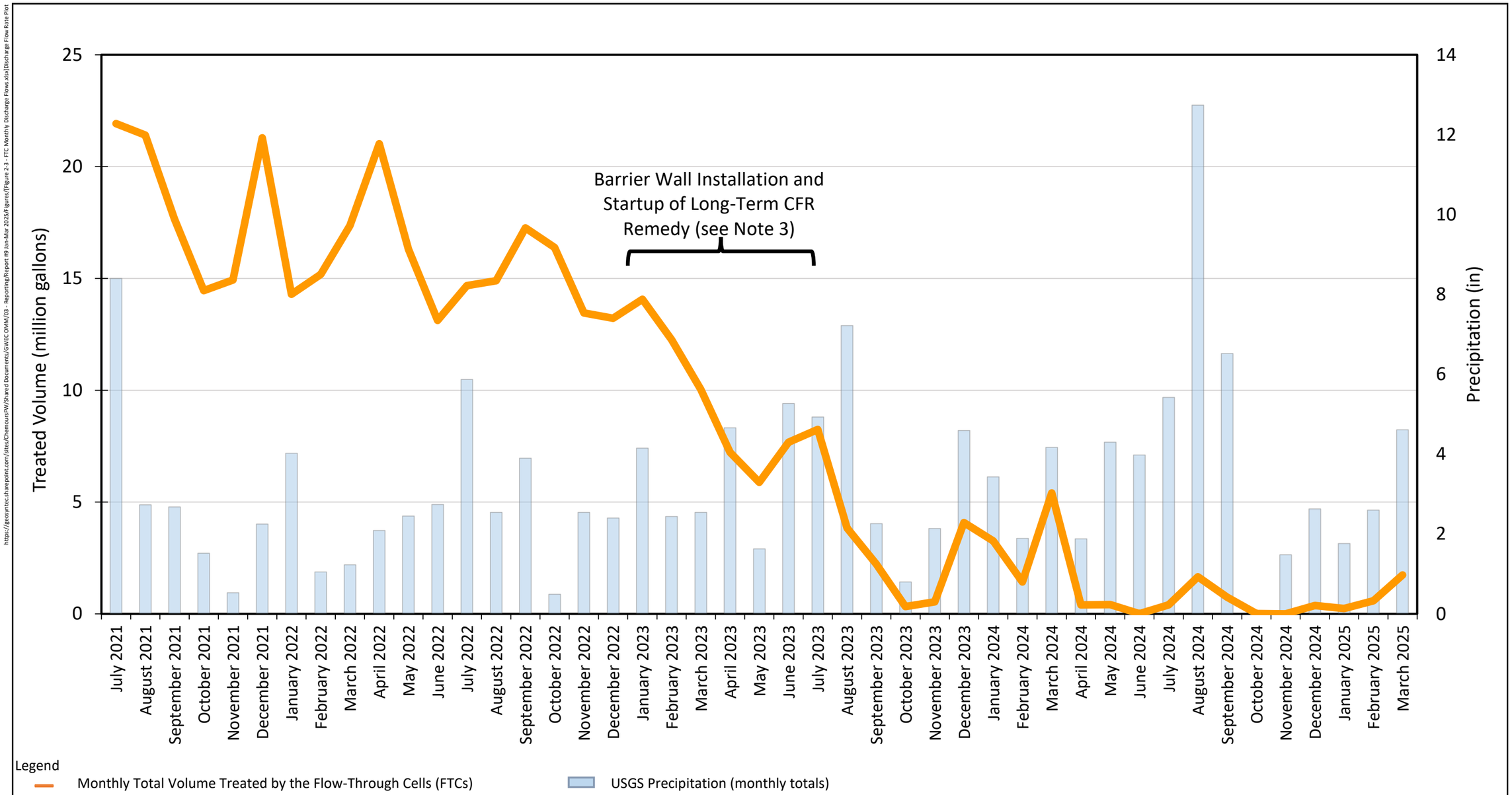
Figure 2-2D



Legend

Monthly Total Volume Treated by the Flow-Through Cells (FTCs)

USGS Precipitation (monthly totals)

Notes:

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 USGS gauge #02105500 at the William O. Huske Lock and Dam.
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 (July 2021 - March 2025)

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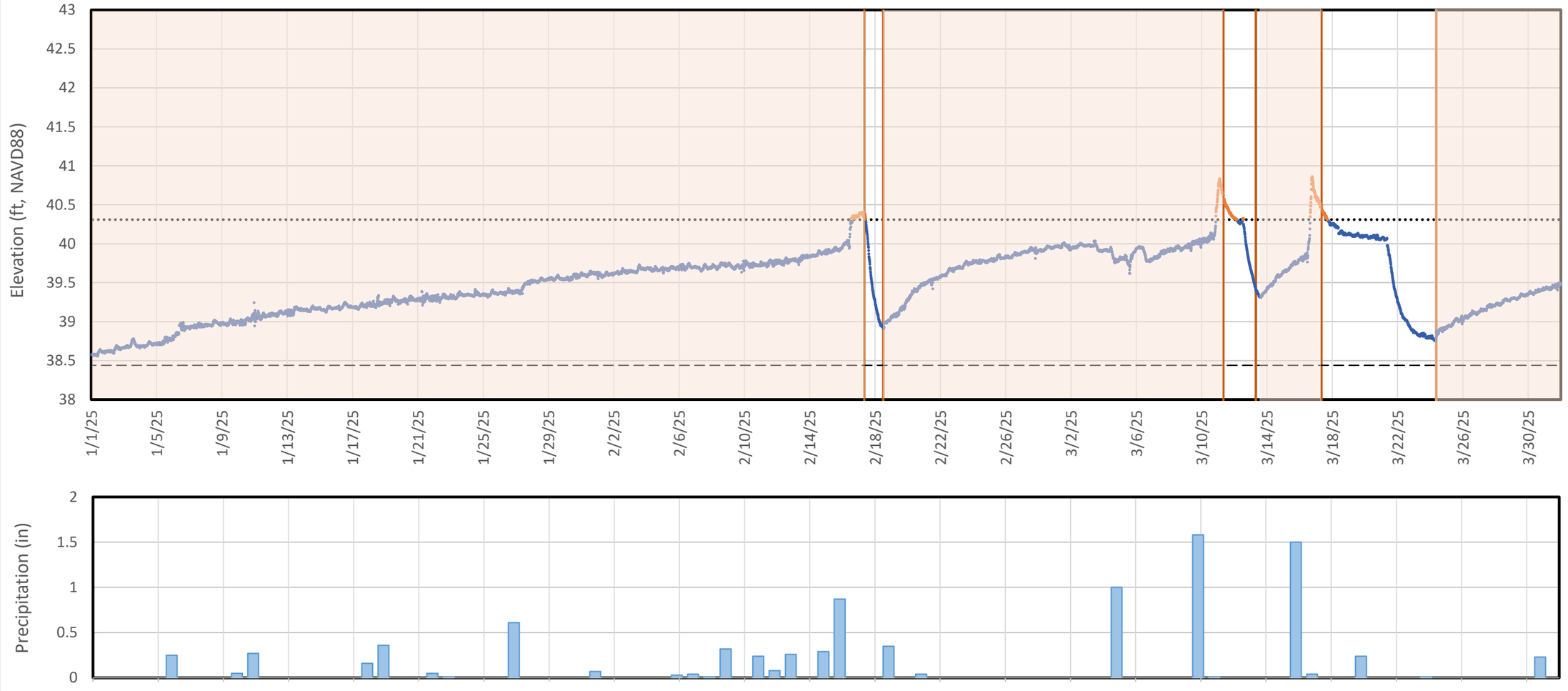
Figure 2-3



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Inlet Weir 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. For March 24-31, 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.

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2025) - Seep A

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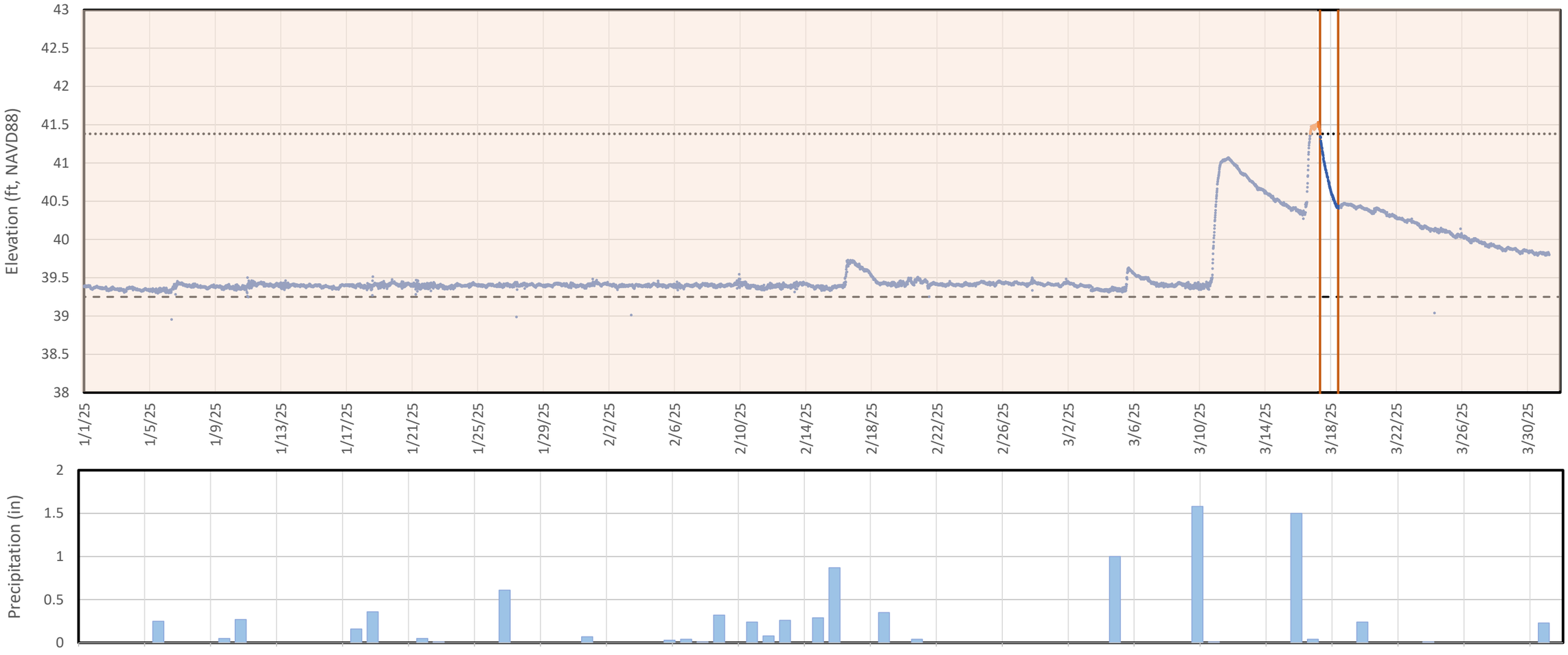
Figure 2-4A



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Inlet Weir 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. For March 24-31, 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.

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2025) - Seep B

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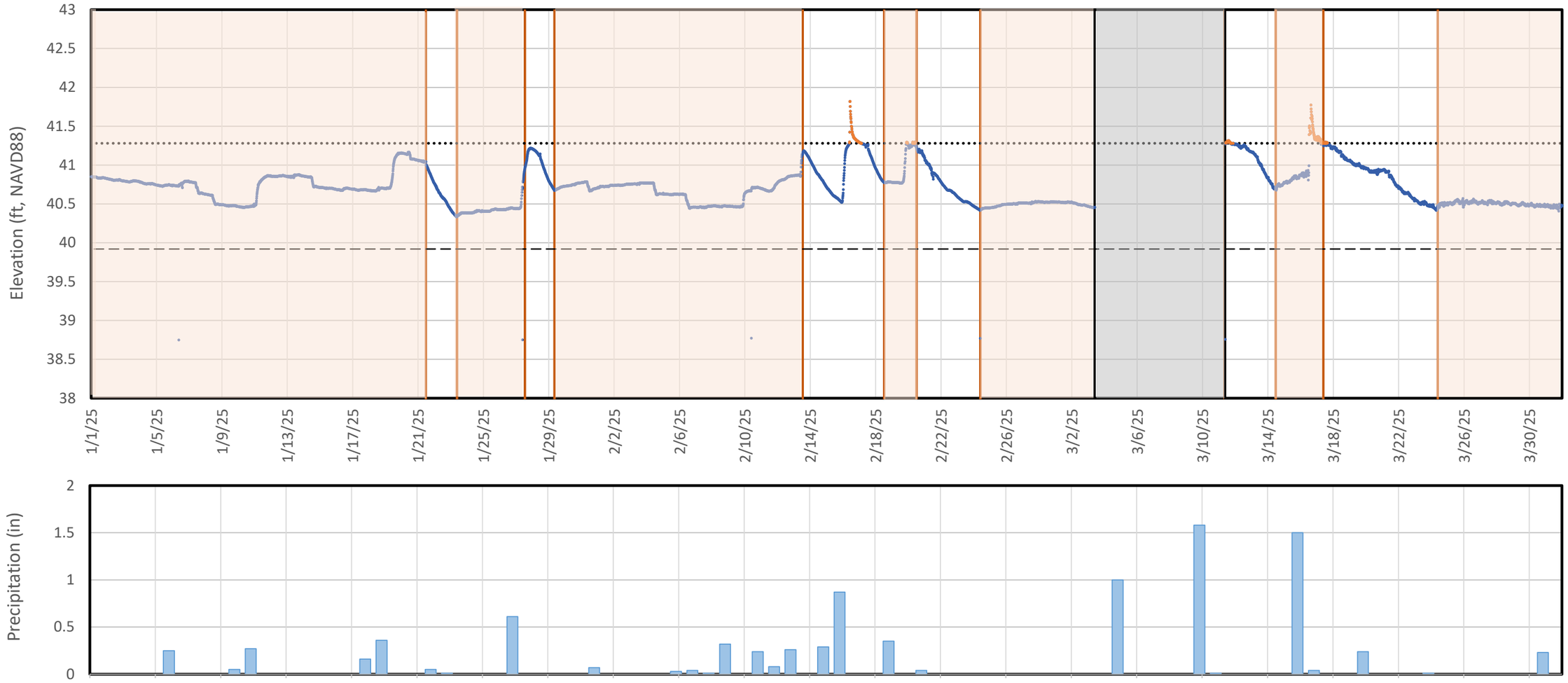
Figure 2-4B



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
- Transducer Data Gap

Notes:

Seep C transducer data from March 2 through March 11, 2025 was not retrieved. Section 2.2 describes the gaps in transducer data record.

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. For March 24-31, 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.

FTC - Flow-Through Cell

FTC Influent Water Elevation
(Jan - Mar 2025) - Seep C

Chemours Fayetteville Works
Fayetteville, North Carolina

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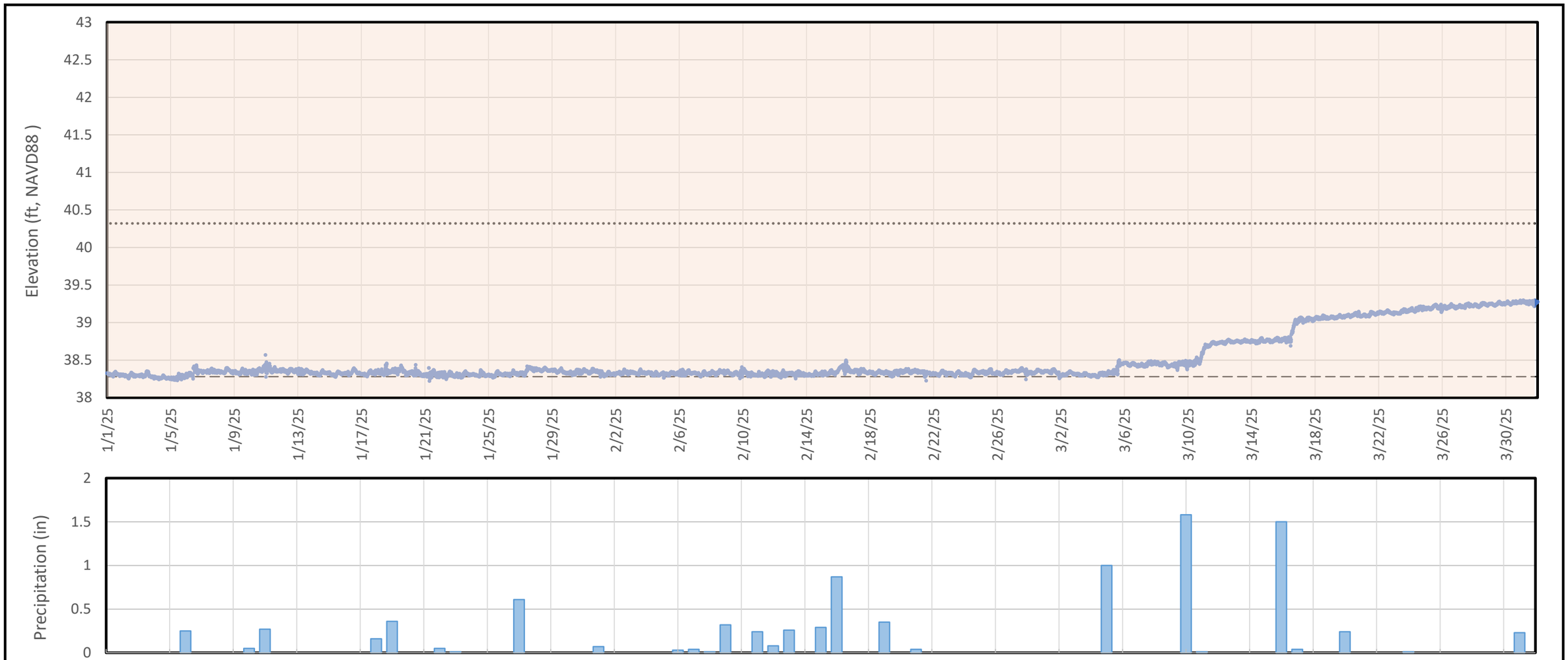
Raleigh, NC | June 2025

Figure 2-4C



Legend

- Influent Chamber/Impoundment Water Elevation
- Impoundment Water Elevation Above Bypass Spillway
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Inlet Weir 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. For March 24-31, 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.

FTC - Flow-Through Cell

FTC Influent Water Elevation (Jan - Mar 2025) - Seep D

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Fayetteville, North Carolina

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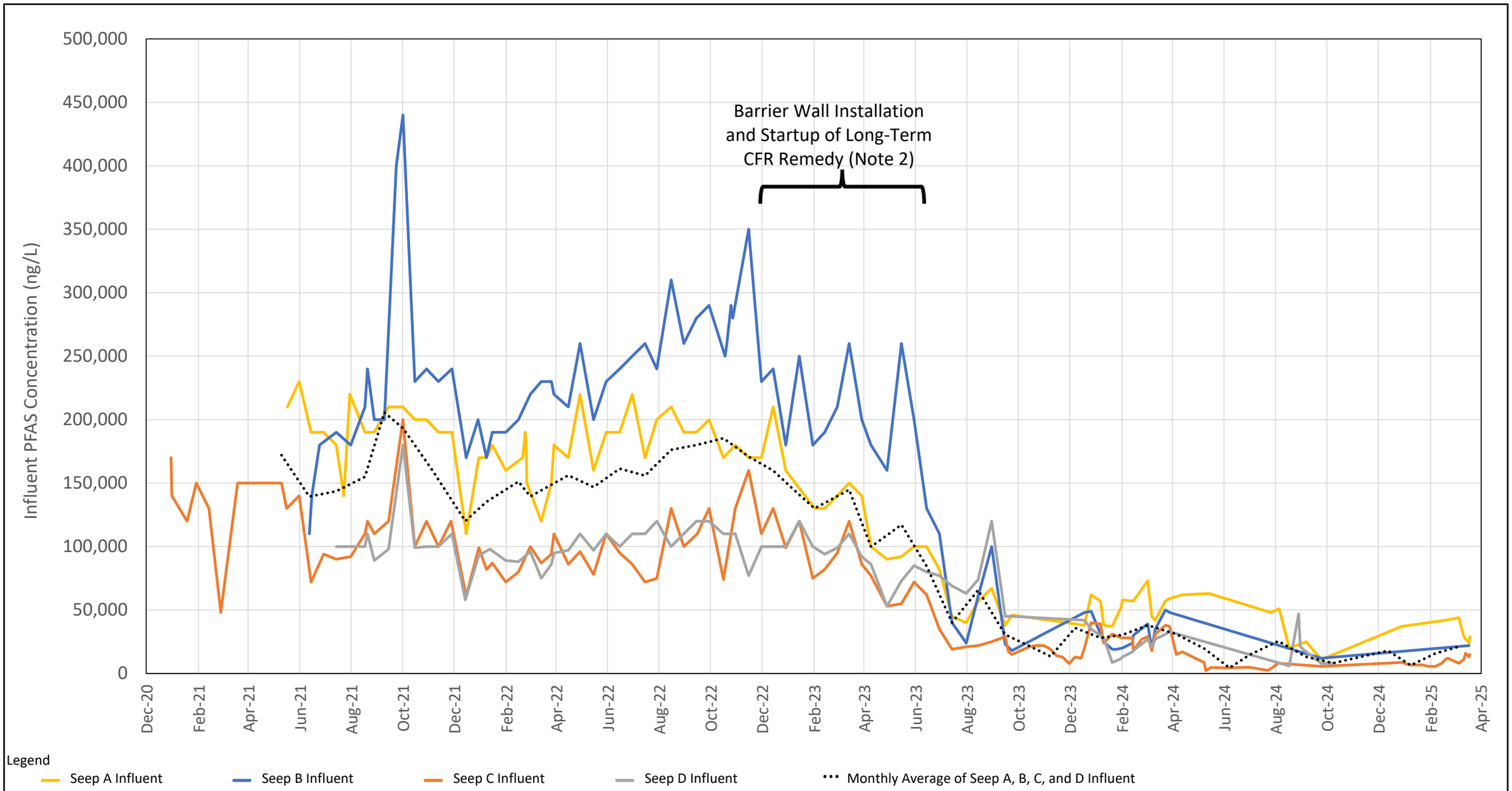
Raleigh, NC | June 2025

Figure 2-4D



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

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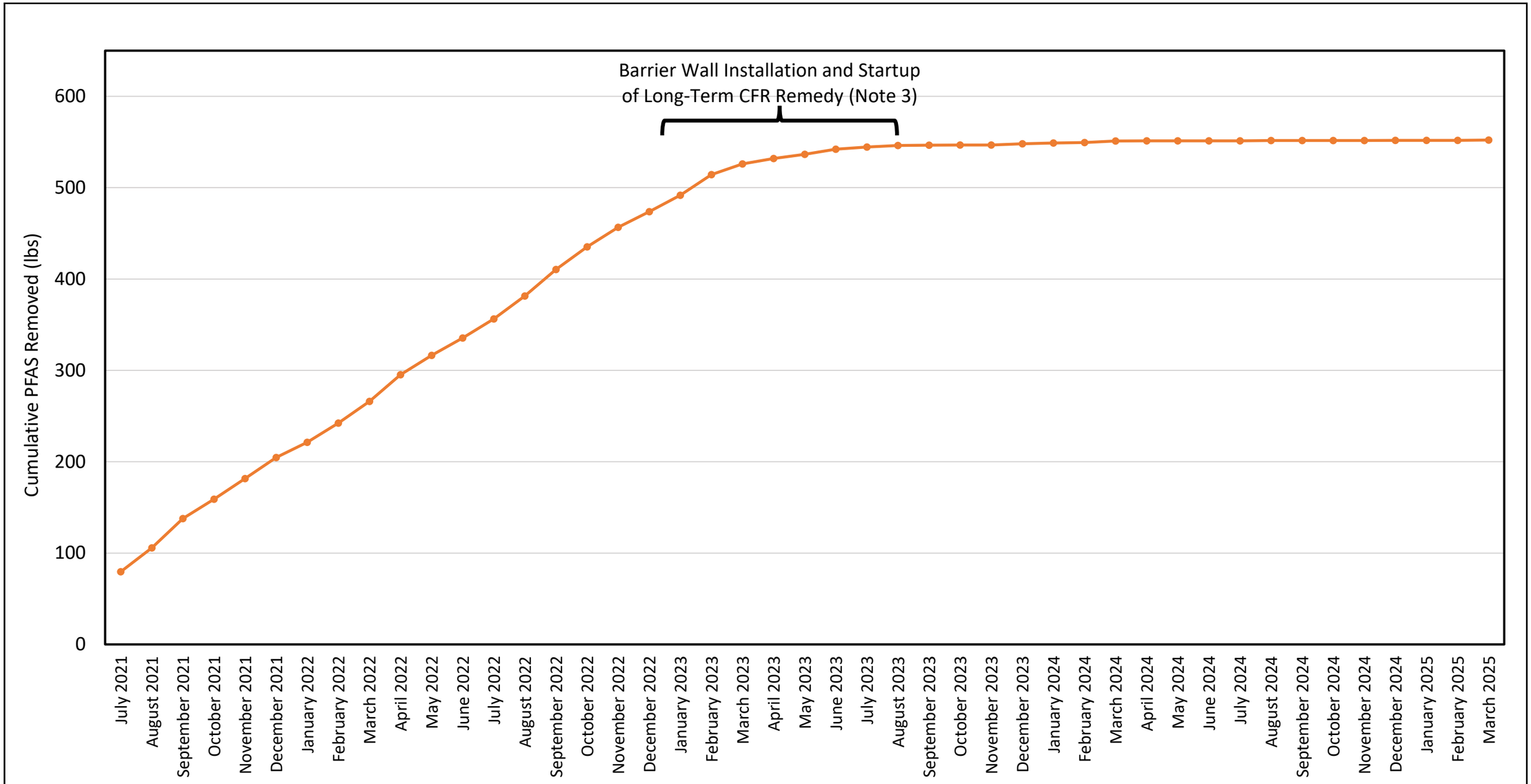
Raleigh, NC | June 2025

Figure 2-5



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
(July 2021 - March 2025)
Chemours Fayetteville Works
Fayetteville, North Carolina

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Raleigh, NC | June 2025

Figure 2-6

N

Willis Creek

Cape Fear River

SMW-03B
SMW-09
OW-59
OW-11
OW-41
OW-57
WC-SW-5
PIW-11
OW-42
WC-SW-4
OW-56
OW-12
OW-55
PIW-12
PW-02
BCA-01
PIW-14
SMW-12
OW-43
OW-13
PIW-13
OW-54
WC-SW-3
WC-SW-2
WC-SW-1
PIW-15
PIW-2D
OW-14
PIW-1D
PW-14
PW-03
BCA-02
PW-15R
NAF-11B
PW-04
OW-31
OW-32
OW-38
OW-39
PW-11
OW-29
OW-26
OW-4R
PIW-10DR
OW-40
OW-9R
OW-30
OW-50
OW-27
OW-28
OW-33
OW-51
OW-37
OW-49
OW-25
OW-24
OW-8
OW-7
OW-36
OW-21
OW-53
OW-2
OW-34
OW-35
OW-19
OW-3
OW-17
OW-15
OW-18
OW-44
OW-45
OW-46
OW-48
OW-23
OW-22
OW-47
OW-52
OW-20
PW-10RR
PIW-5SR
OW-16
PIW-4D
PIW-3D
LTW-02
PZ-22
LTW-04
LTW-03
PIW-8D
LTW-05
PIW-7S
PIW-7D

Legend

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

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

500 250 0 500 Feet

Hydraulic Head Evaluation Network for Groundwater Remedy

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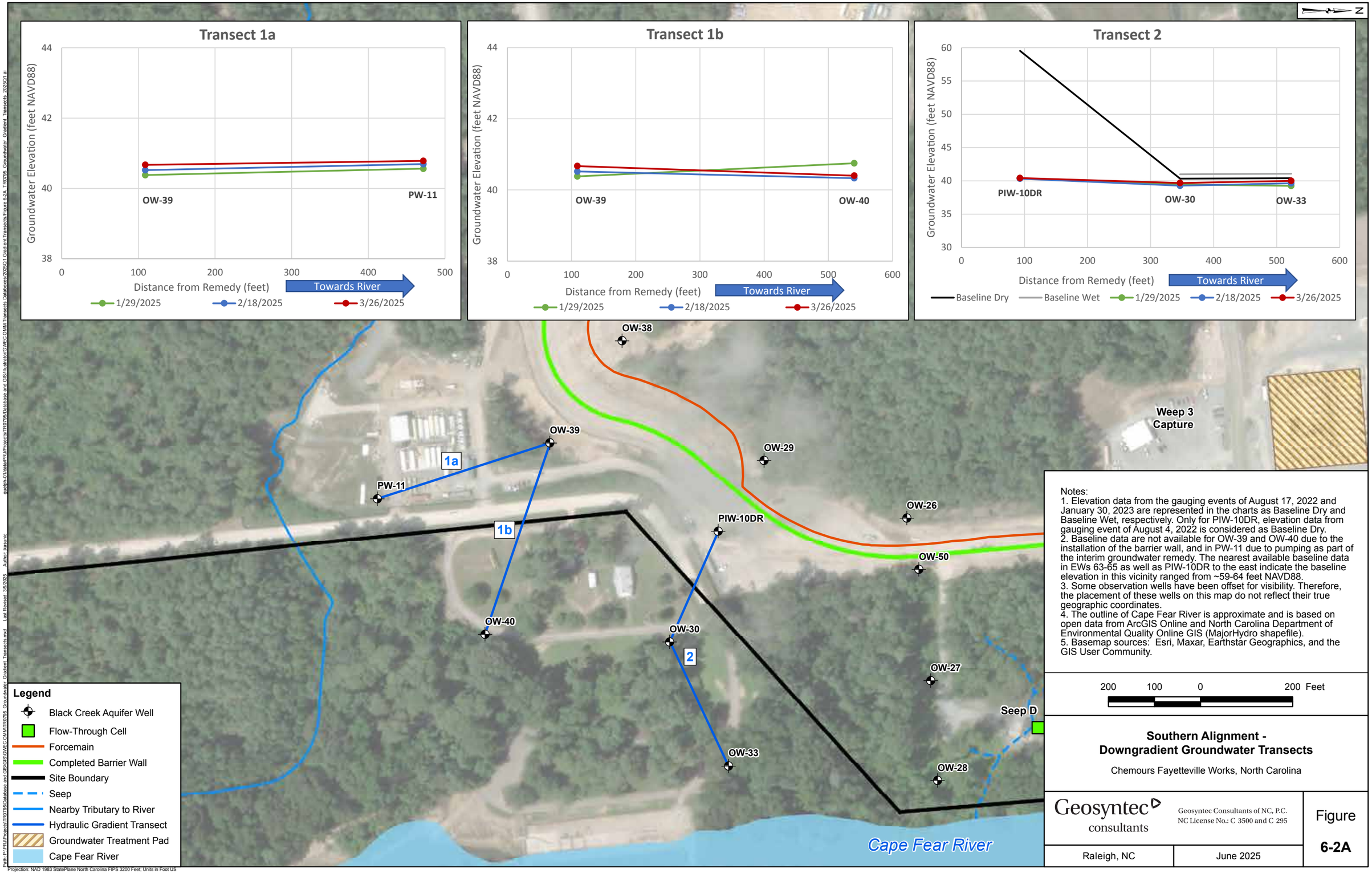
June 2025

Figure 6-1

Path: P:\PRJ\Projects\TR0796\Database and GIS\GIS\GW\EC OMM\TR0796 Hydraulic Head Evaluation Network for Groundwater Remedy Landscape Nov2024.mxd Last Revised: 11/22/2024 Author: Tp

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



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

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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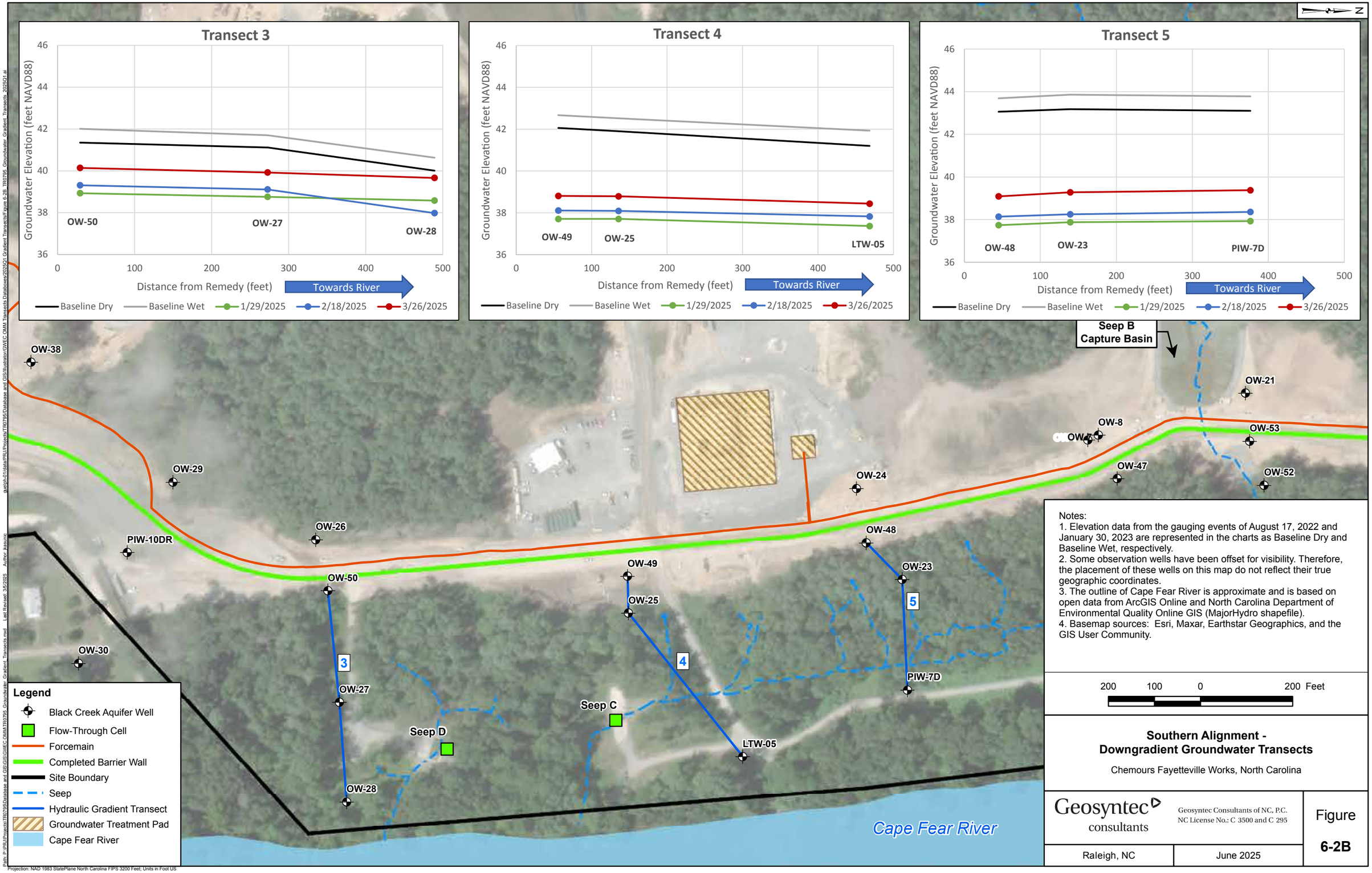
Figure **6-2A**



Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
4. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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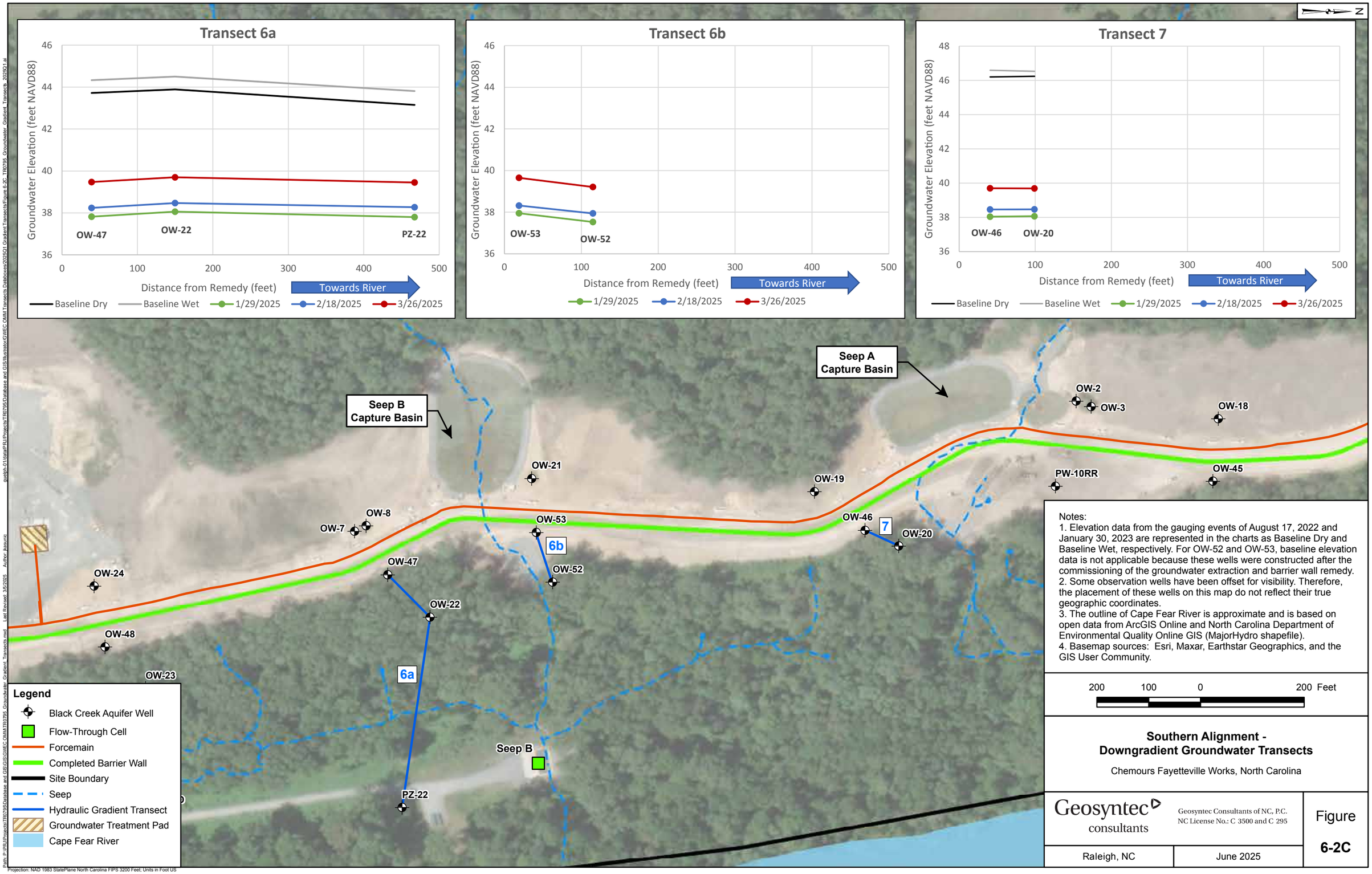
Figure **6-2B**



Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively. For OW-52 and OW-53, baseline elevation data is not applicable because these wells were constructed after the commissioning of the groundwater extraction and barrier wall remedy.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
4. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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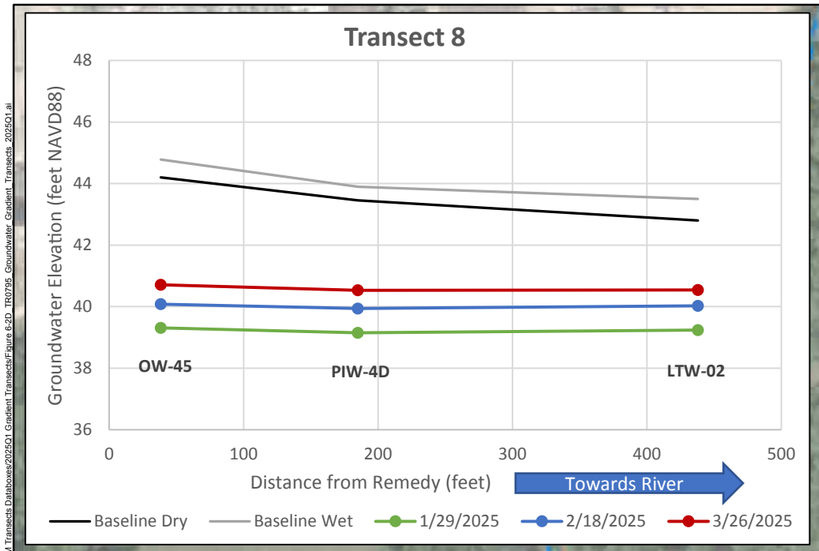
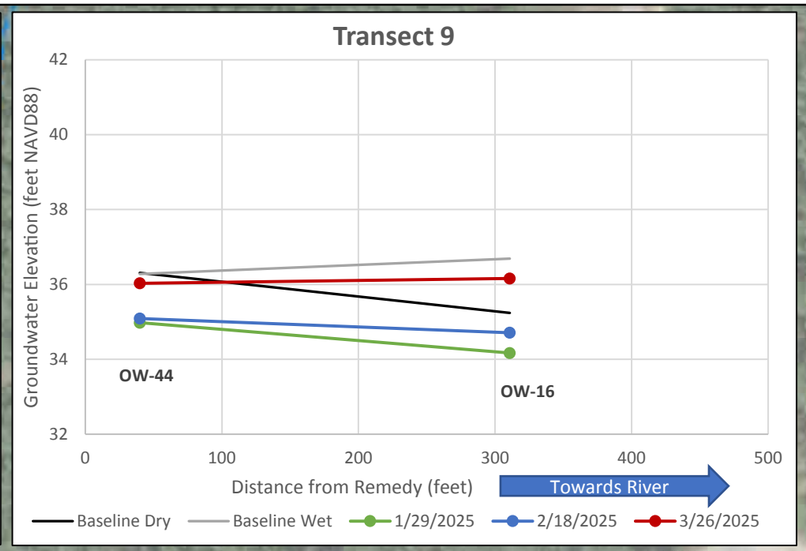
June 2025

Figure
6-2C





Notes:
1. Elevation data from the gauging events of August 17, 2022 and January 30, 2023 are represented in the charts as Baseline Dry and Baseline Wet, respectively.
2. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
3. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
4. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

Southern Alignment - Downgradient Groundwater Transects

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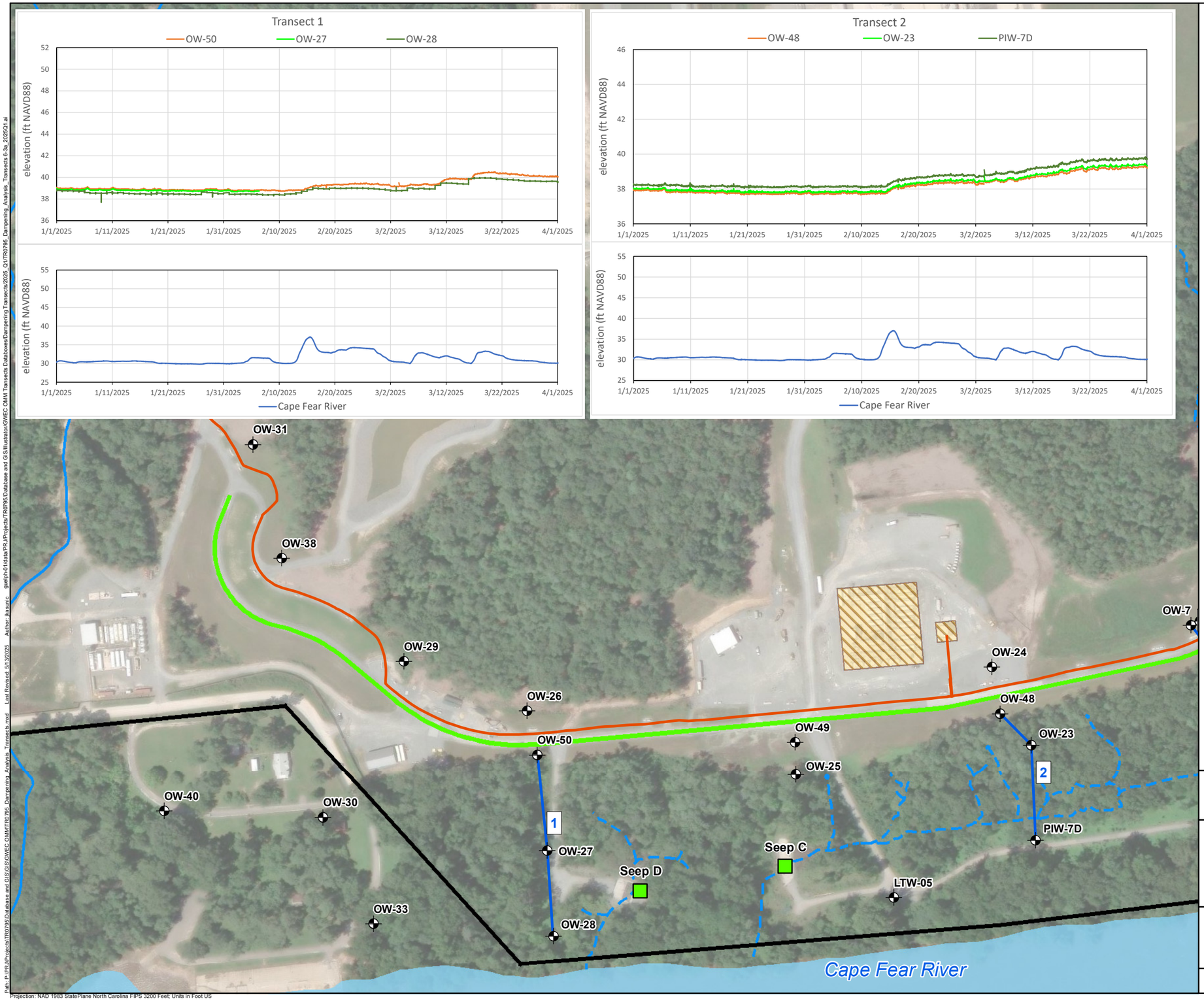
Figure **6-2D**

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

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 Groundwater Gradient Transects.mxd Last Revised: 3/6/2025 Author: jkasunic

guelph-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\2025Q1 Gradient Transects\Figure 6-2D_TR0795_Groundwater Gradient Transects_2025Q1.ai



Legend

- Black Creek Aquifer
- Flow-Through Cell
- Forcemain
- Completed Barrier Wall
- Site Boundary
- Seep
- Nearby Tributary to River
- Dampening Analysis
- Groundwater Treatment Pad
- Cape Fear River

Notes:
1. Gap in elevation data for OW-22, OW-27, and LTW-02 is due to malfunctioning of the installed transducer.
2. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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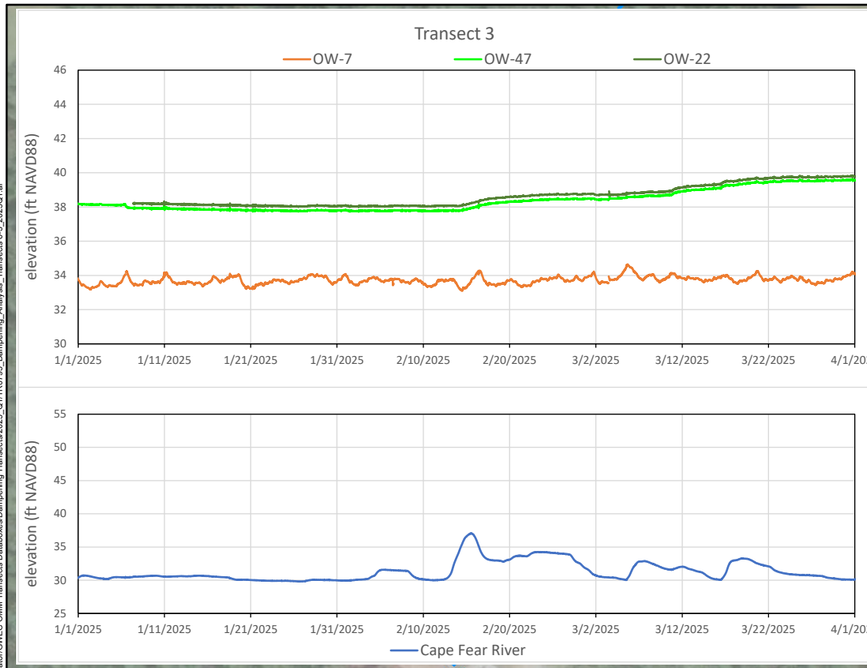
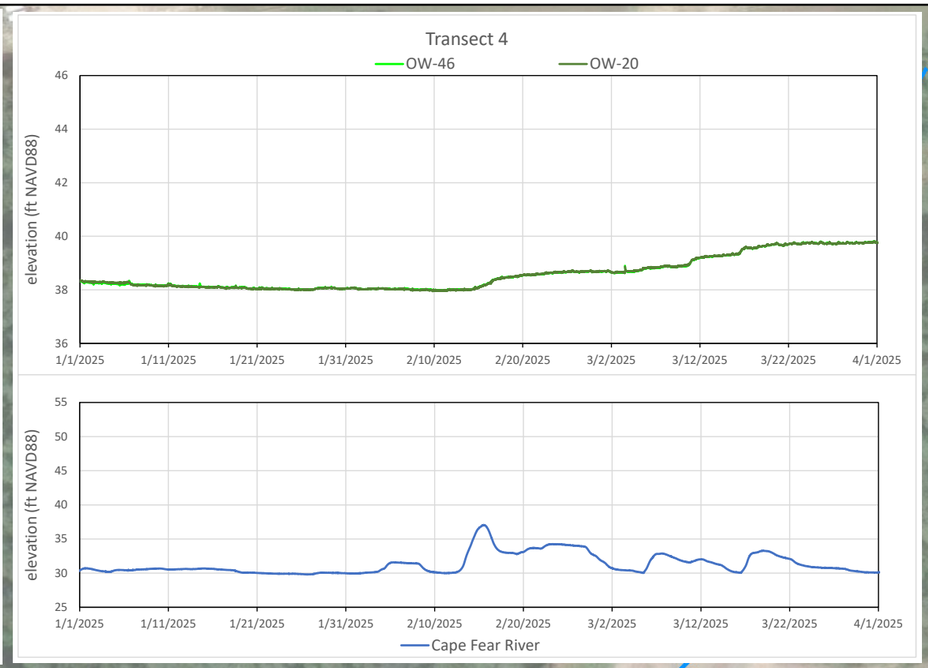
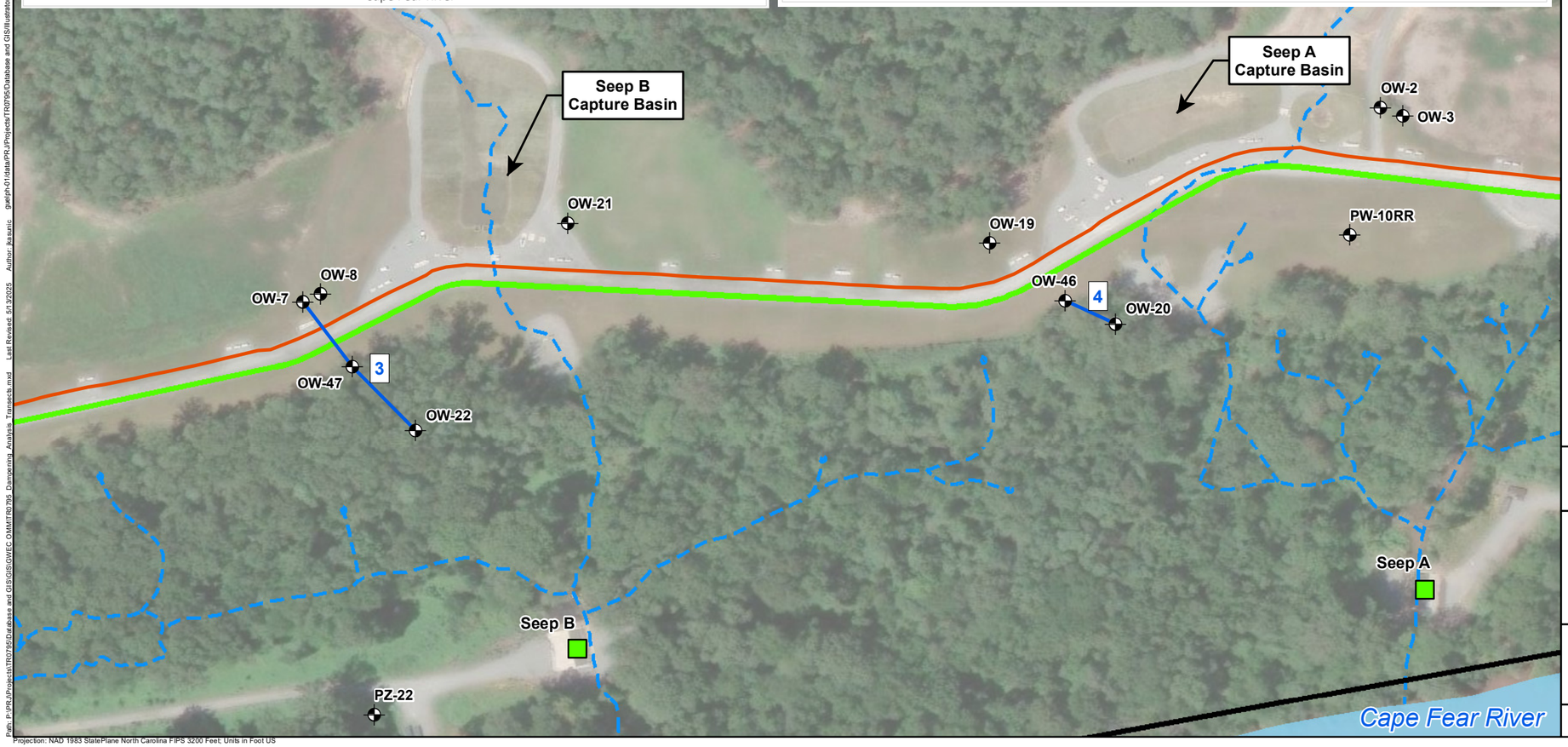
Figure **6-3A**

Path: P:\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\TR0795 Dampening Analysis Transects.mxd Last Revised: 5/13/2025 Author: jkasunic gueligis-01\data\PRJ\Projects\TR0795\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\Dampening Transects\2025_Q1\TR0795_Dampening_Analyses_Transects 6-3a_2025Q1.ai

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







Legend

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

Notes:
1. Gap in elevation data for OW-22, OW-27, and LTW-02 is due to malfunctioning of the installed transducer.
2. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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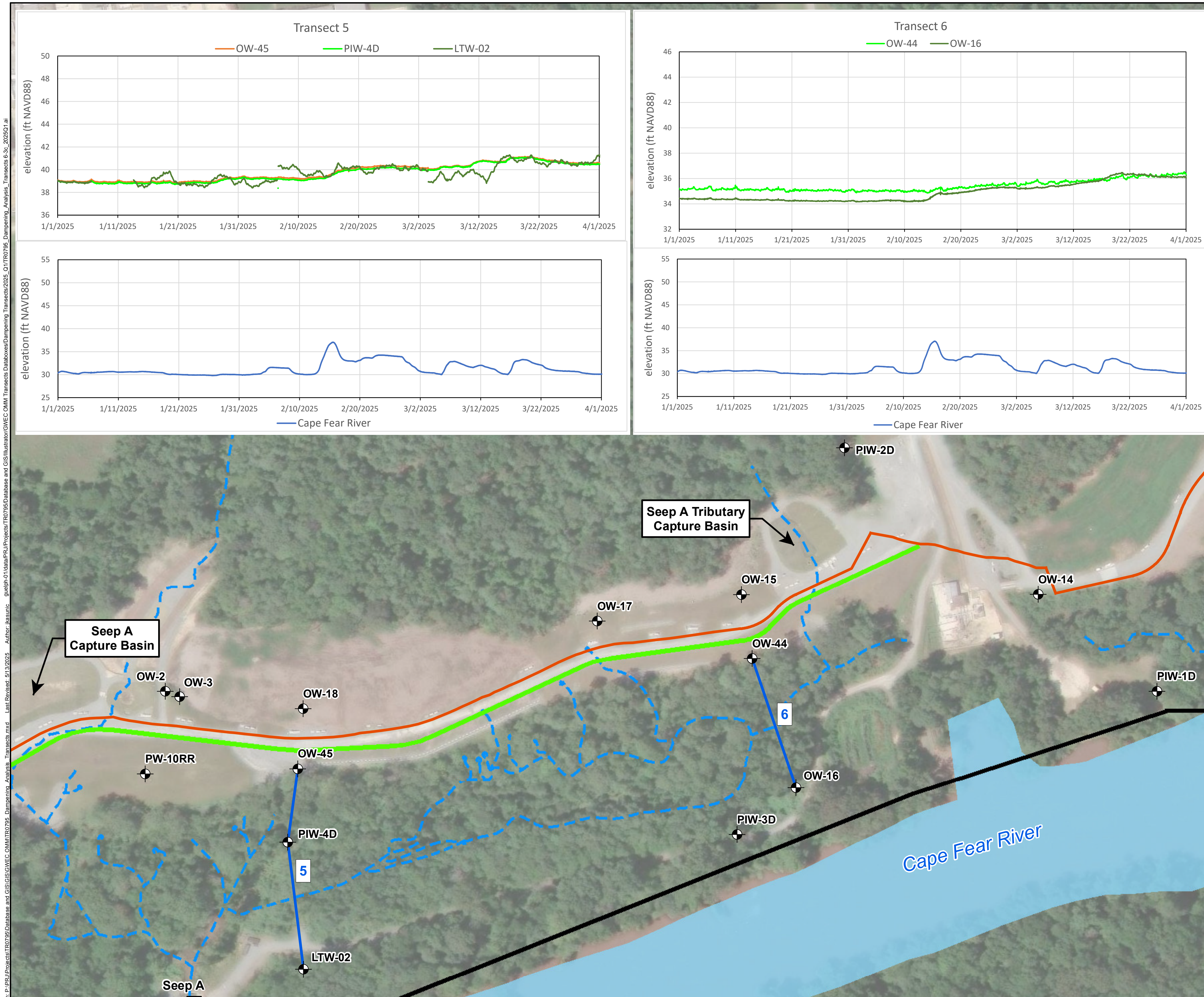
Figure **6-3B**

Path: P:\PR\JProjects\TR07950\Database and GIS\GIS\GWEC OMM\TR07950_Dampening_Analysis_Transects.mxd Last Revised: 5/13/2025 Author: jkasunic gweiph-01\data\PR\JProjects\TR07950\Database and GIS\Illustrator\GWEC OMM Transects Databoxes\Dampening Transects\2025_Q1\TR07950_Dampening_Analysis_Transects 6-3_2025Q1.ai

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



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

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-22, OW-27, and LTW-02 is due to malfunctioning of the installed transducer.
2. Groundwater elevation in observations wells downgradient of the barrier wall is susceptible to fluctuations in Cape Fear River elevation, thereby influencing the downgradient groundwater transects.
3. Some observation wells have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
4. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
5. Basemap sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

Southern Alignment - Dampening Analysis Transects

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Figure 6-3C

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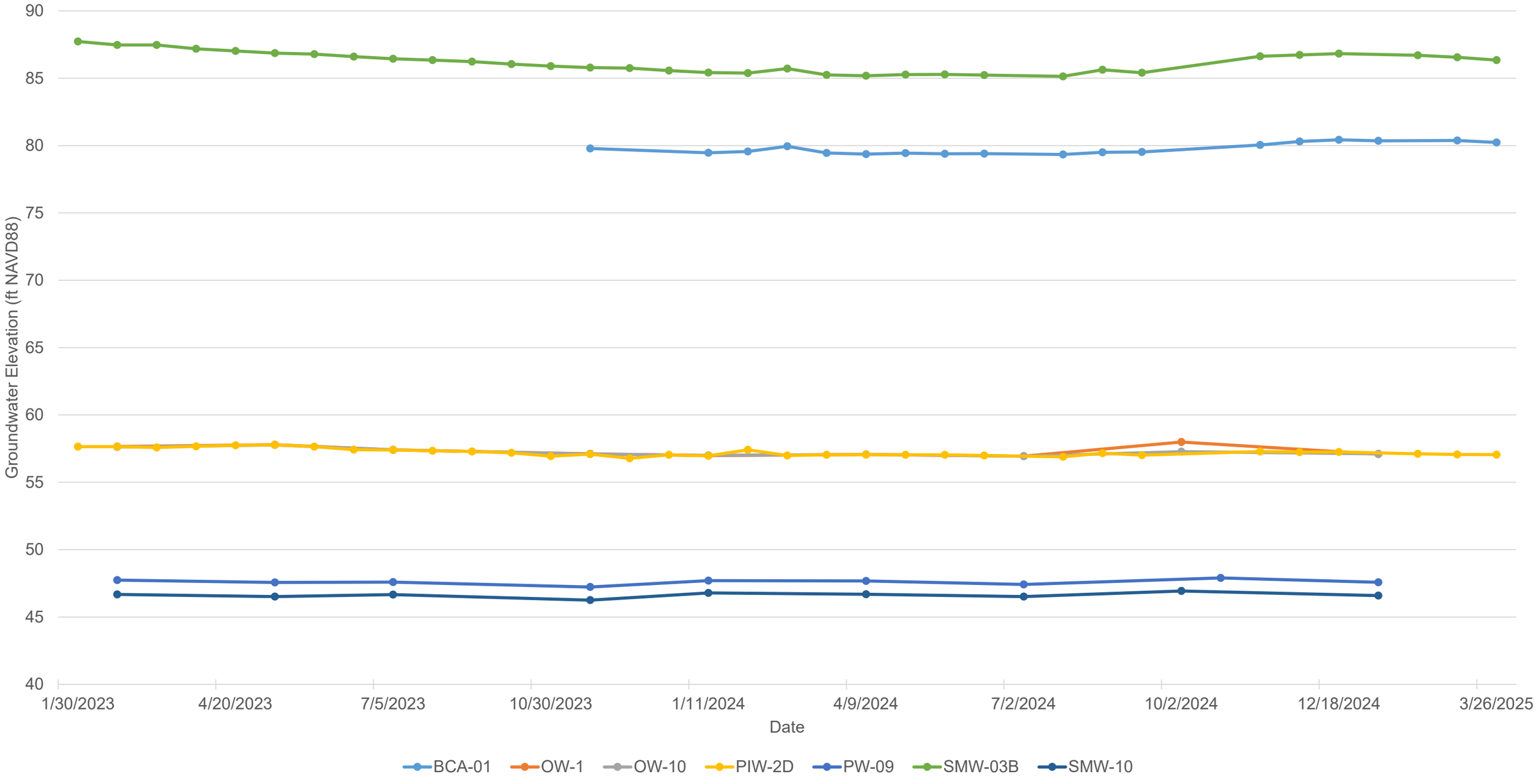

Notes:

1. Wells OW-1, OW-10, and PIW-2D are located in a cluster, less than 50 ft from each other. For the range presented, groundwater elevations at these wells are very similar, creating an appearance of a single line series.
2. For BCA-01, groundwater elevation data before November 1, 2023 is unavailable because of interim pumping of the Black Creek Aquifer being performed at this location.
3. For OW-1, OW-10, PW-09, and SMW-10, groundwater elevation data is collected on a quarterly basis under the Mass Loading Assessment program and not the Performance Monitoring Program, so there is only a single gauging event per quarter.

Groundwater Elevation at Select Observation Wells Upgradient of Willis Creek Remedy

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Fayetteville, North Carolina

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Figure

6-4

SMW-03B
-1.02

OW-59
NA

OW-11
-2.6

EW-01

OW-41
-2.16

OW-57
-1.49

SW-5

SG-5

EW-02

PIW-11
-0.37

OW-42
-2.22

EW-03

OW-56
-0.74

SW-4

SG-4

Willis Creek

BCA-01
0.35

OW-12
-6.24

EW-04

OW-55
-7.07

SMW-12
-4.7

PIW-12
-8.18

PIW-13
-7.86

EW-05

EW-06

EW-07

EW-08

EW-09

OW-43
-3.19

OW-13
-3.95

EW-10

OW-54
-3.35

PIW-14
-4.19

PIW-2D
-0.53

EW-11

SW-3

SG-3

SW-2

SG-2

EW-12

SG-1

SW-1

EW-13

EW-14

PIW-15
-2.89

OW-14
-2.4

PIW-1D
-2.74

Cape Fear River

-1
-2
-3
-4
-5
-6
-7
-8

N

250 125 0 250 Feet

Legend

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

Notes:
1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. Antecedent daily total rainfall (January 26-28): 0.61 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
4. 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.
5. 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.
6. 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
January 2023 Versus January 2025
Elevation Difference

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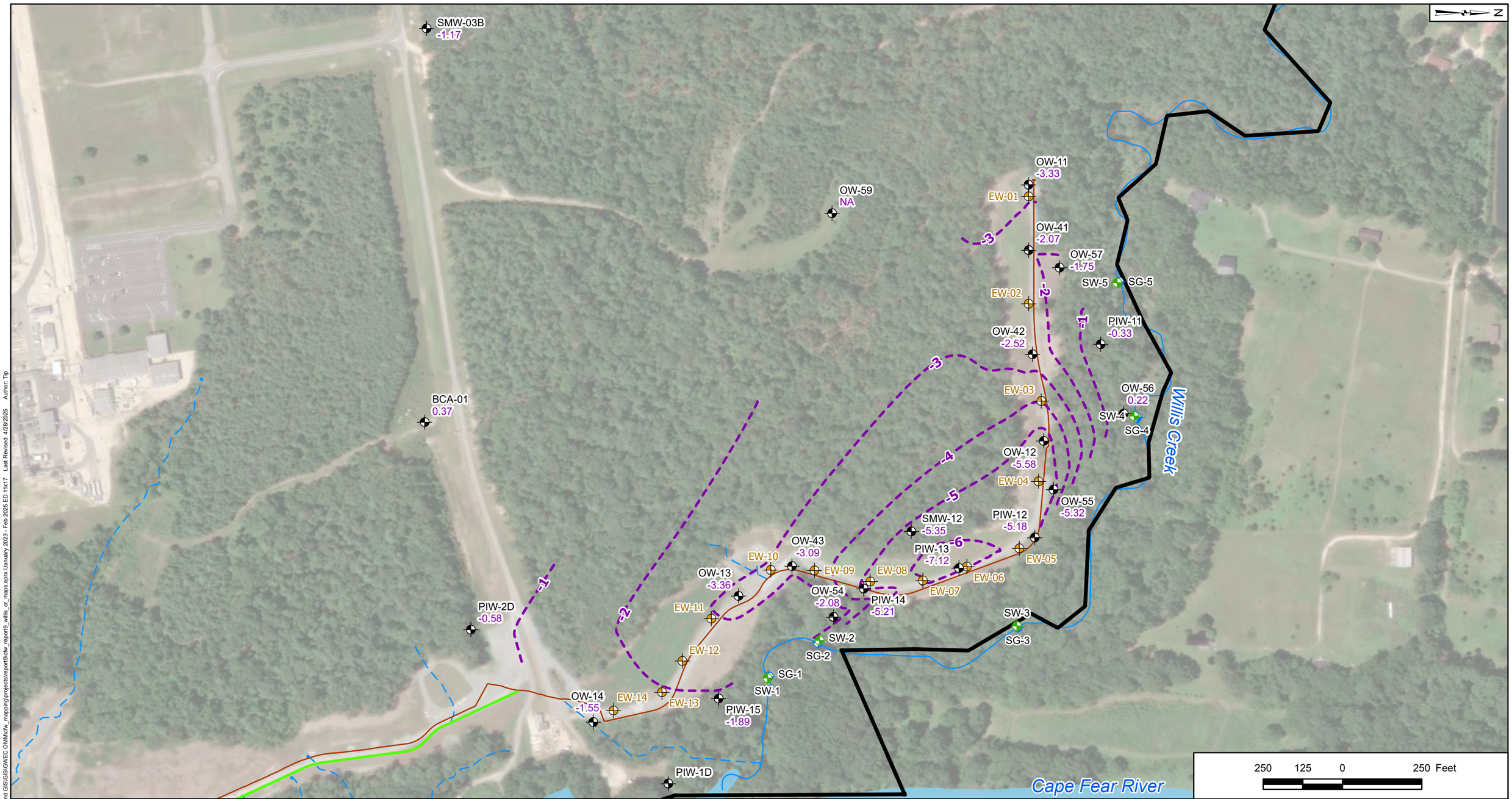
Figure 6-5A

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report9_wills_cr_maps aprx /January 2023 - Jan 2025 ED 11x17 Last Revised: 5/16/2025 Author: Tlp



Legend

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

Notes:

1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. Antecedent daily total rainfall (February 15-17): 1.16 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
4. 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.
5. 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.
6. 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
January 2023 Versus February 2025
Elevation Difference

Chemours Fayetteville Works, North Carolina

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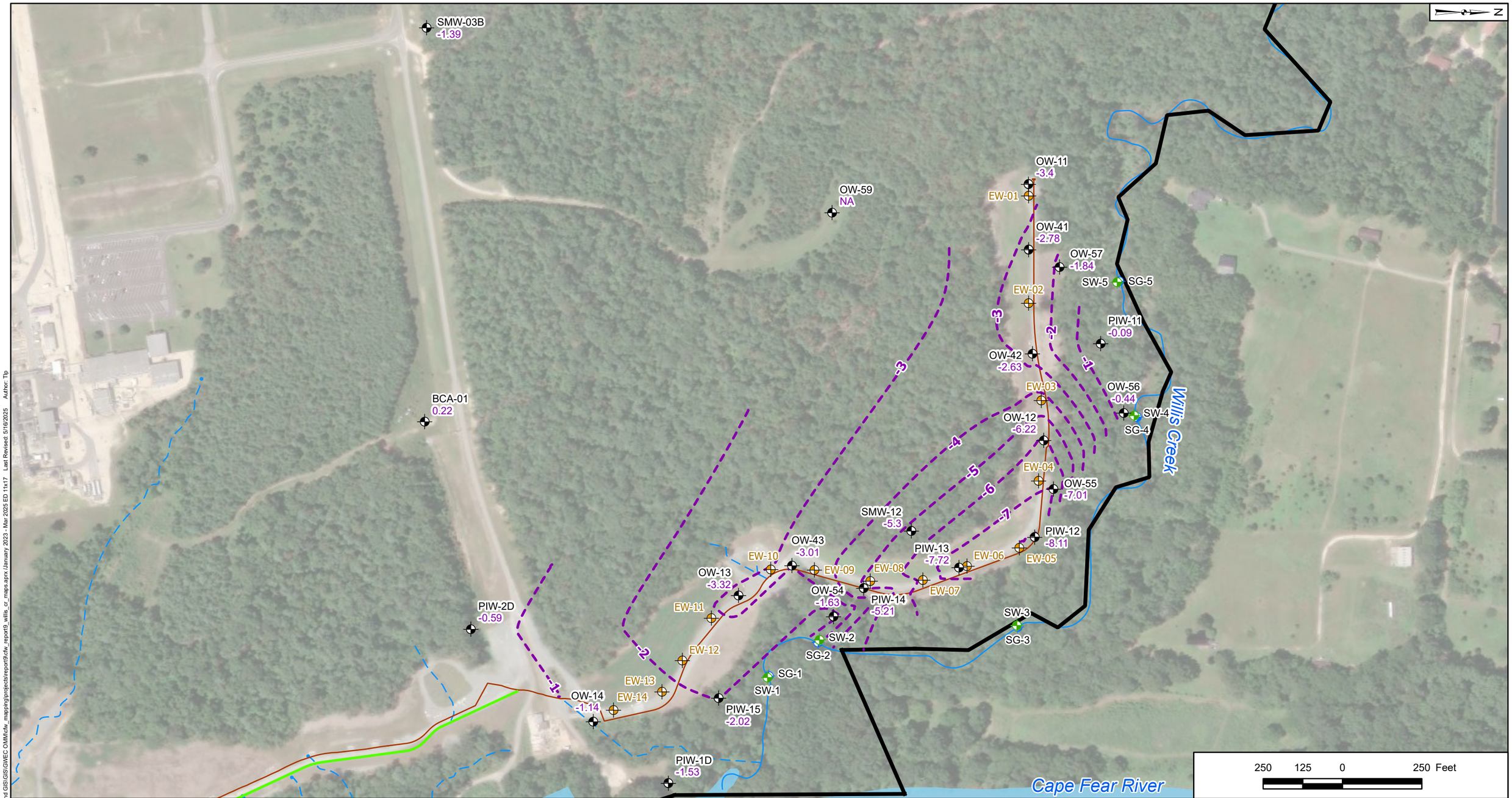
Figure 6-5B

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report9_willis_cr_maps.aprx \January 2023 - Feb 2025 ED 11x17 Last Revised: 4/28/2025 Author: Tip



Legend

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

Notes:

1. Elevation difference = monthly elevation - January 2023 elevation
2. Elevation difference not calculated at locations where monthly elevation or baseline January 2023 not available
3. Antecedent daily total rainfall (March 23-25): 0.01 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam. For March 24-31, 2025, precipitation data 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.
4. 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.
5. 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.
6. 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
January 2023 Versus March 2025
Elevation Difference

Chemours Fayetteville Works, North Carolina

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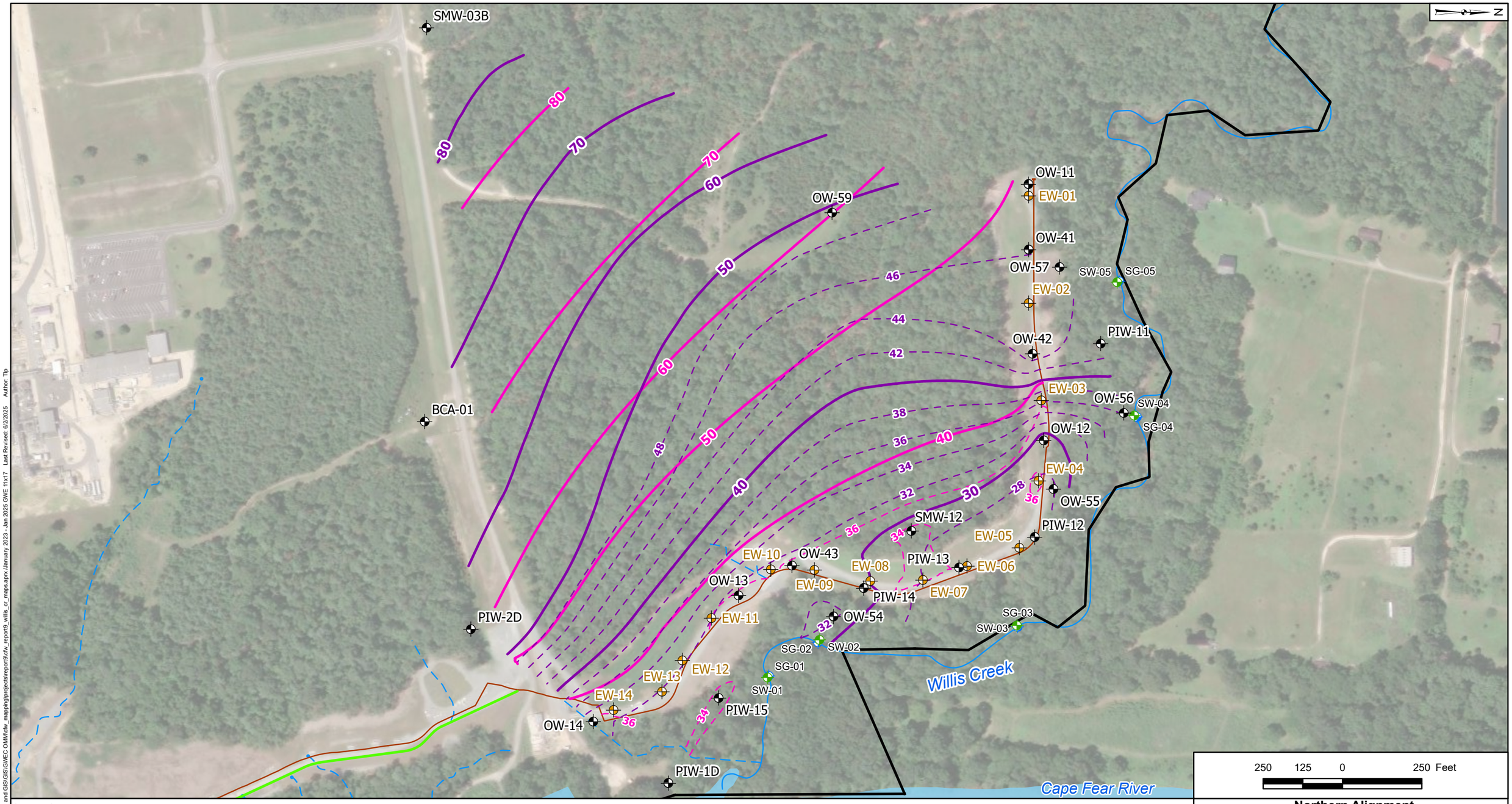
Figure 6-5C

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\mxd_mapping\projects\report9\mxd_report9_wills_cr_maps.aprx /January 2023 - Mar 2025 ED 11x17 Last Revised: 5/16/2025 Author: Tip



Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft January 2025 GW Elevation
- 10-ft January 2025 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Antecedent daily total rainfall (January 26-28): 0.61 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
2. Surficial elevations at staff gauges and stilling wells not used for contouring of groundwater (GW) elevations
3. The elevation 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.
4. For BCA-01, January 2023 baseline elevations are unavailable because of interim pumping of the Black Creek Aquifer being performed at this location.

Northern Alignment
Potentiometric Map
January 2023 - January 2025
Chemours Fayetteville Works, North Carolina

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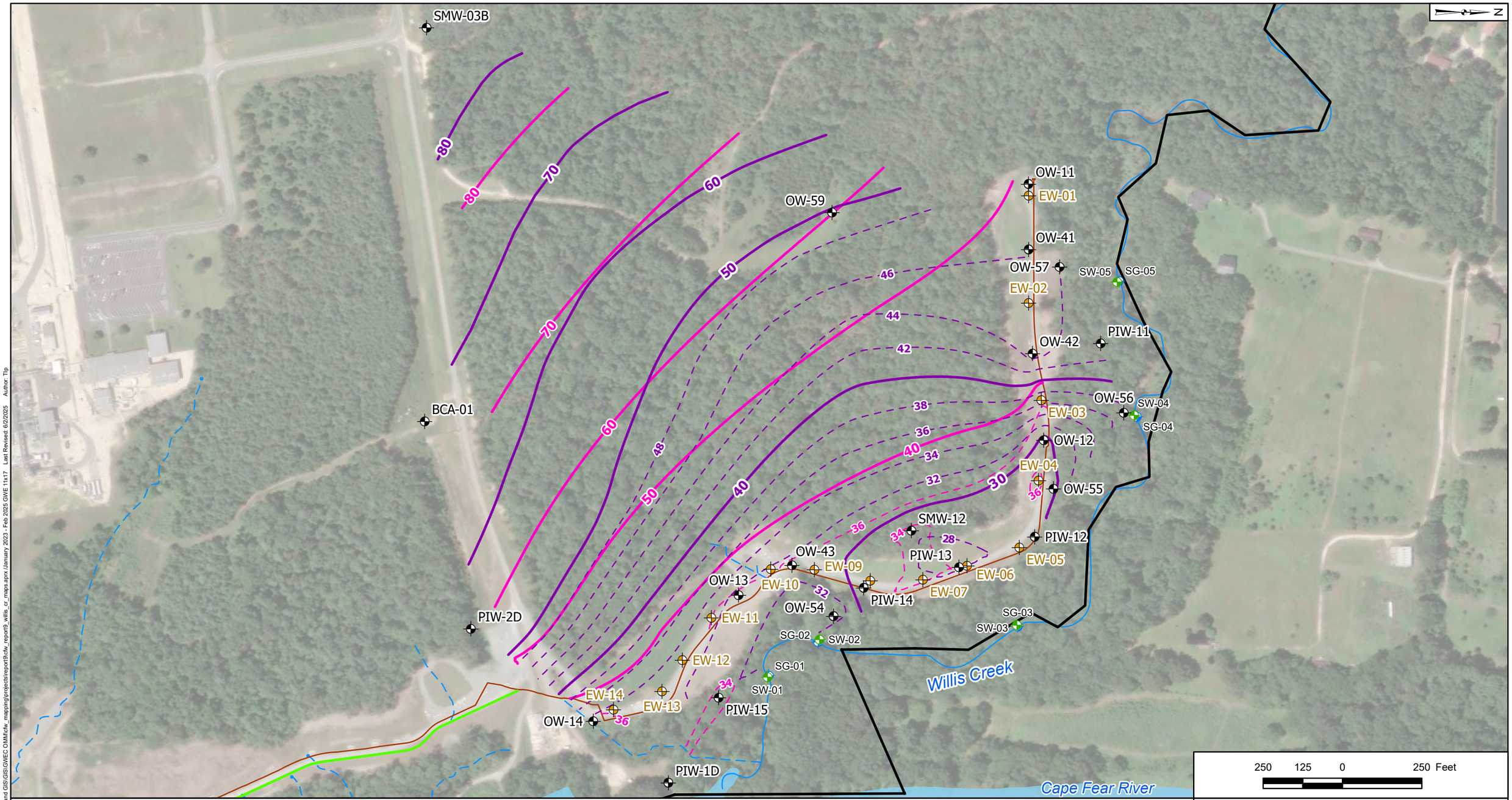
Figure 6-6A

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report9_wills_cr_maps aprx /January 2023 - Jan 2025 GWE 11x17 Last Revised: 6/2/2025 Author: Tlp



Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft February 2025 GW Elevation
- 10-ft February 2025 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Antecedent daily total rainfall (February 15-17): 1.16 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.
2. Surficial elevations at staff gauges and stilling wells not used for contouring of groundwater (GW) elevations
3. The elevation 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.
4. For BCA-01, January 2023 baseline elevations are unavailable because of interim pumping of the Black Creek Aquifer being performed at this location.
5. Stilling wells SW-01, SW-02, and SW-03 were flooded during the February gauging.

Northern Alignment
Potentiometric Map
January 2023 - February 2025
Chemours Fayetteville Works, North Carolina

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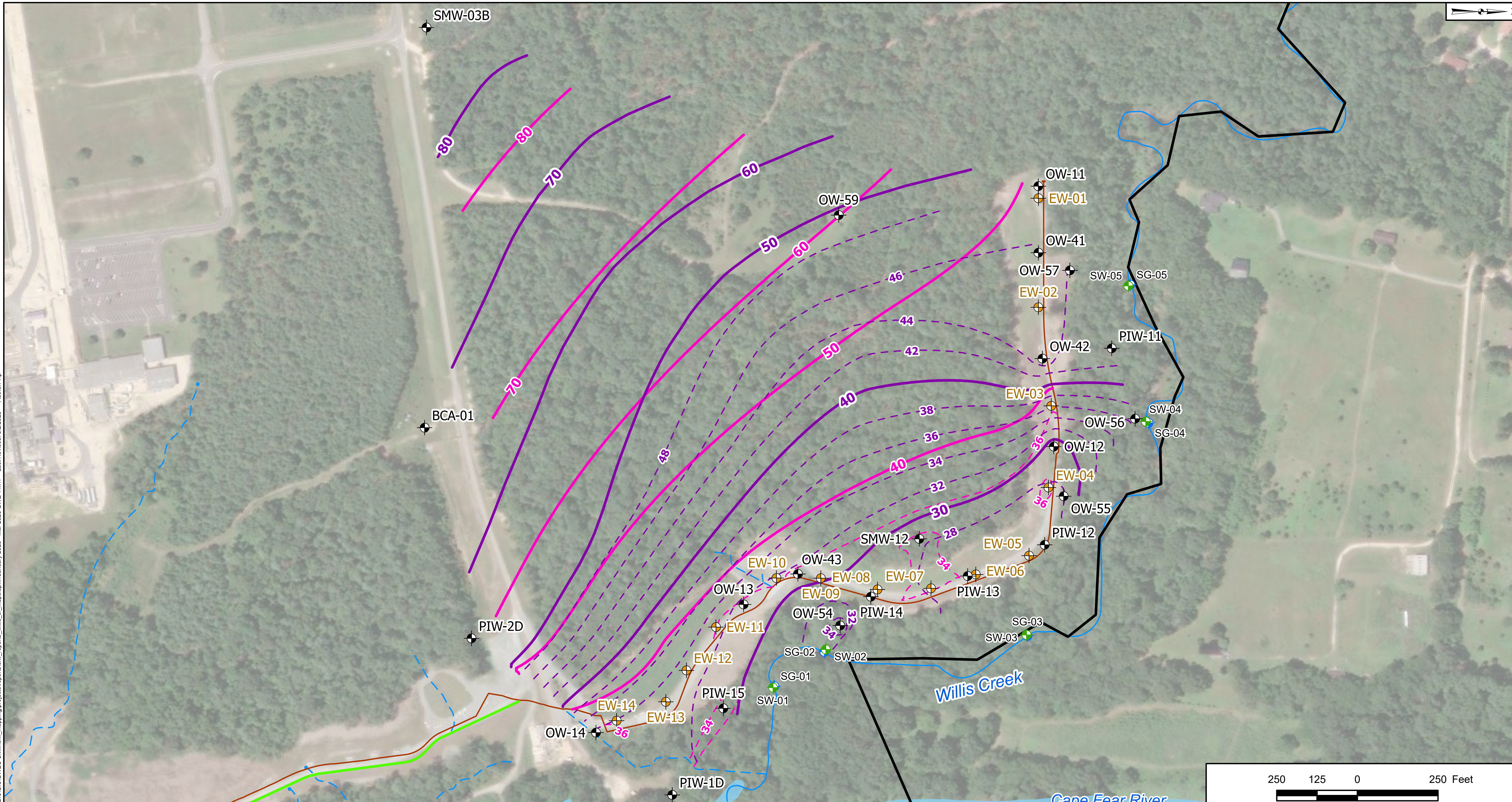
Figure 6-6B

Path: \\Guelph-01\Data\PRJ\Projects\TR0795\Database and GIS\GIS\GWEC OMM\cfw_mapping\projects\report9\cfw_report9_wills_cr_maps aprx /January 2023 - Feb 2025 GWE 11x17 Last Revised: 6/2/2025 Author: Tlp



Legend

- Black Creek Aquifer
- Extraction Well
- Staff Gauge
- Stilling Well
- 2-ft March 2025 GW Elevation
- 10-ft March 2025 GW Elevation
- Barrier Wall
- 2-ft January 2023 GW Elevation
- 10-ft January 2023 GW Elevation
- Forcemain
- Site Boundary
- Seep
- Nearby Tributary
- Cape Fear River

Notes:
1. Antecedent daily total rainfall (March 23-25): 0.01 inches. Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam. For March 24-31, 2025, precipitation data 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.
2. Surficial elevations at staff gauges and stilling wells not used for contouring of groundwater (GW) elevations
3. The elevation 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.
4. For BCA-01, January 2023 baseline elevations are unavailable because of interim pumping of the Black Creek Aquifer being performed at this location.

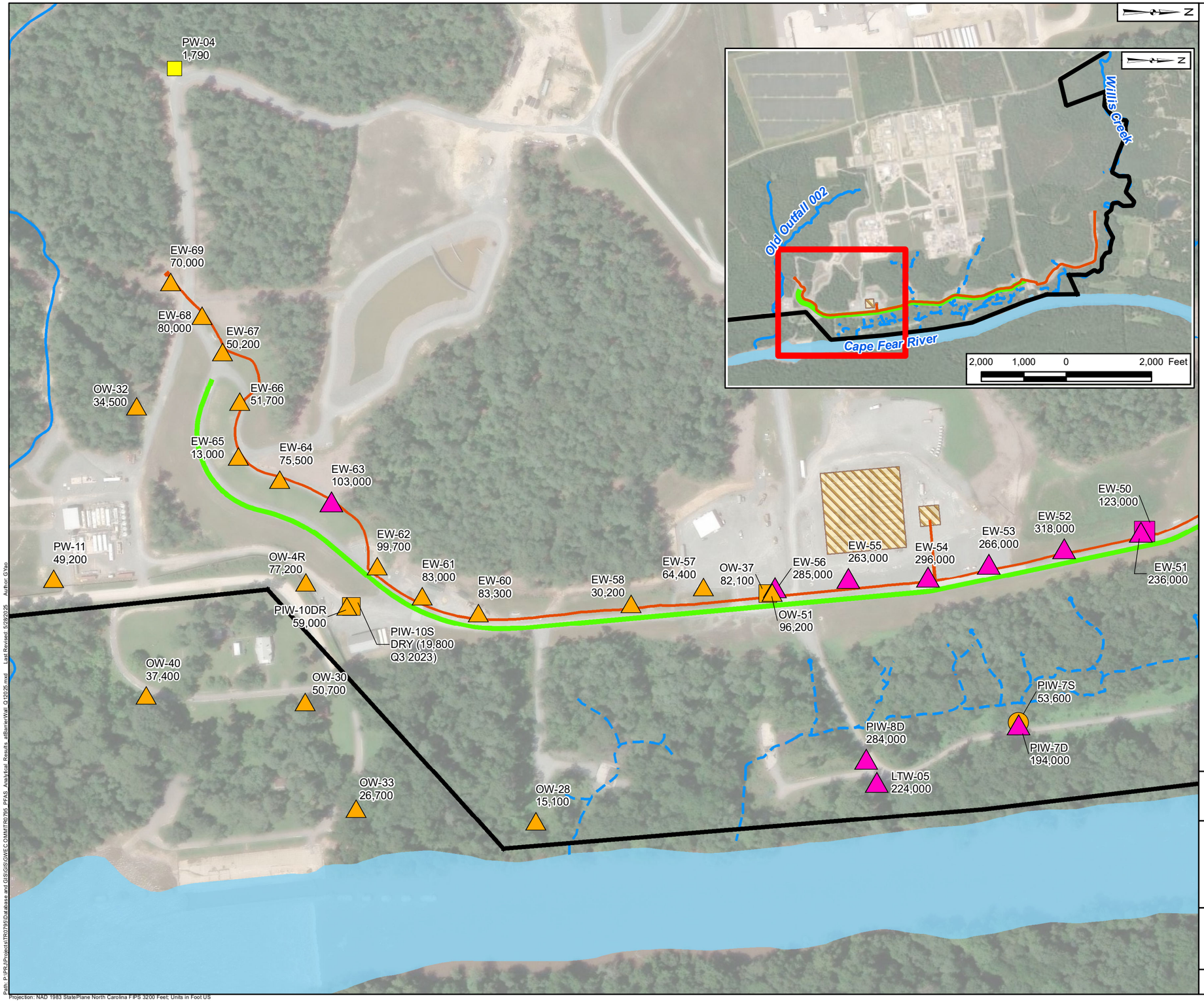
Northern Alignment
Potentiometric Map
January 2023 - March 2025
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2025

Figure 6-6C



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:
1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in extraction wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed in Q2 2024. For the collection of MWs/OWs, most recently available PFAS results through Q1 2025 are shown. Wells OW-54, PIW-10S, PIW-1S and PIW-5SR were dry during their most recent sampling in Q1 2025 sampling. These wells are indicated as dry in the figure along with their last available sampling results. WC PFAS results are from the Q1 2025 sampling performed on January 7 - 8, 2025.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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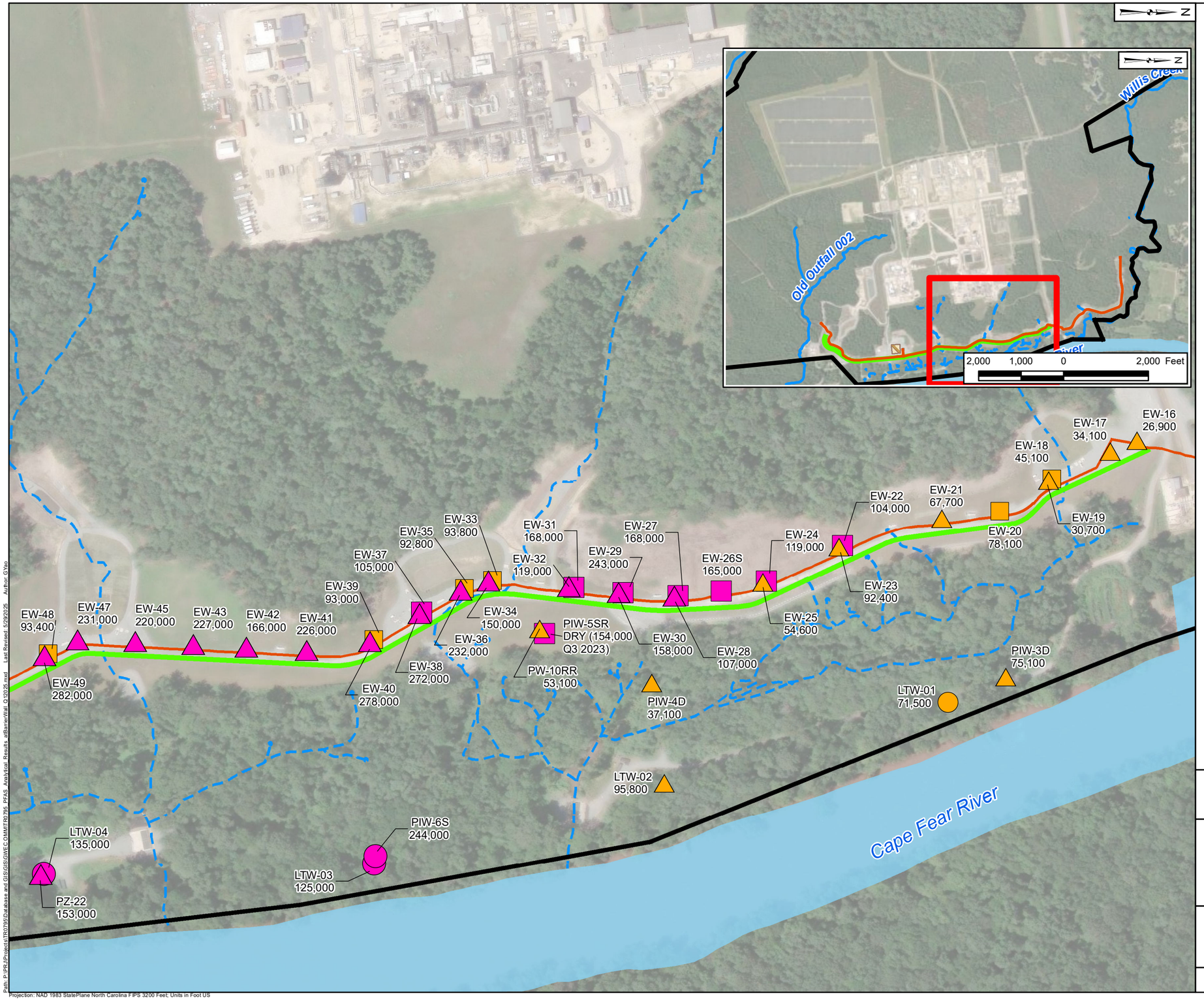
Raleigh, NC | June 2025

Figure
6-7A

Path: P:\PR\Projects\TR0795\Database and GIS\GIS\GWEC OMMTR0795_PFAS_Analytical Results_atBarrierWall_Q12025.mxd Last Revised: 5/28/2025 Author: GYao

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:
1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in extraction wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed in Q2 2024. For the collection of MWs/OWs, most recently available PFAS results through Q1 2025 are shown. Wells OW-54, PIW-10S, PIW-1S and PIW-5SR were dry during their most recent sampling in Q1 2025 sampling. These wells are indicated as dry in the figure along with their last available sampling results. WC PFAS results are from the Q1 2025 sampling performed on January 7 - 8, 2025.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

200 100 0 200 Feet

PFAS Analytical Results

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

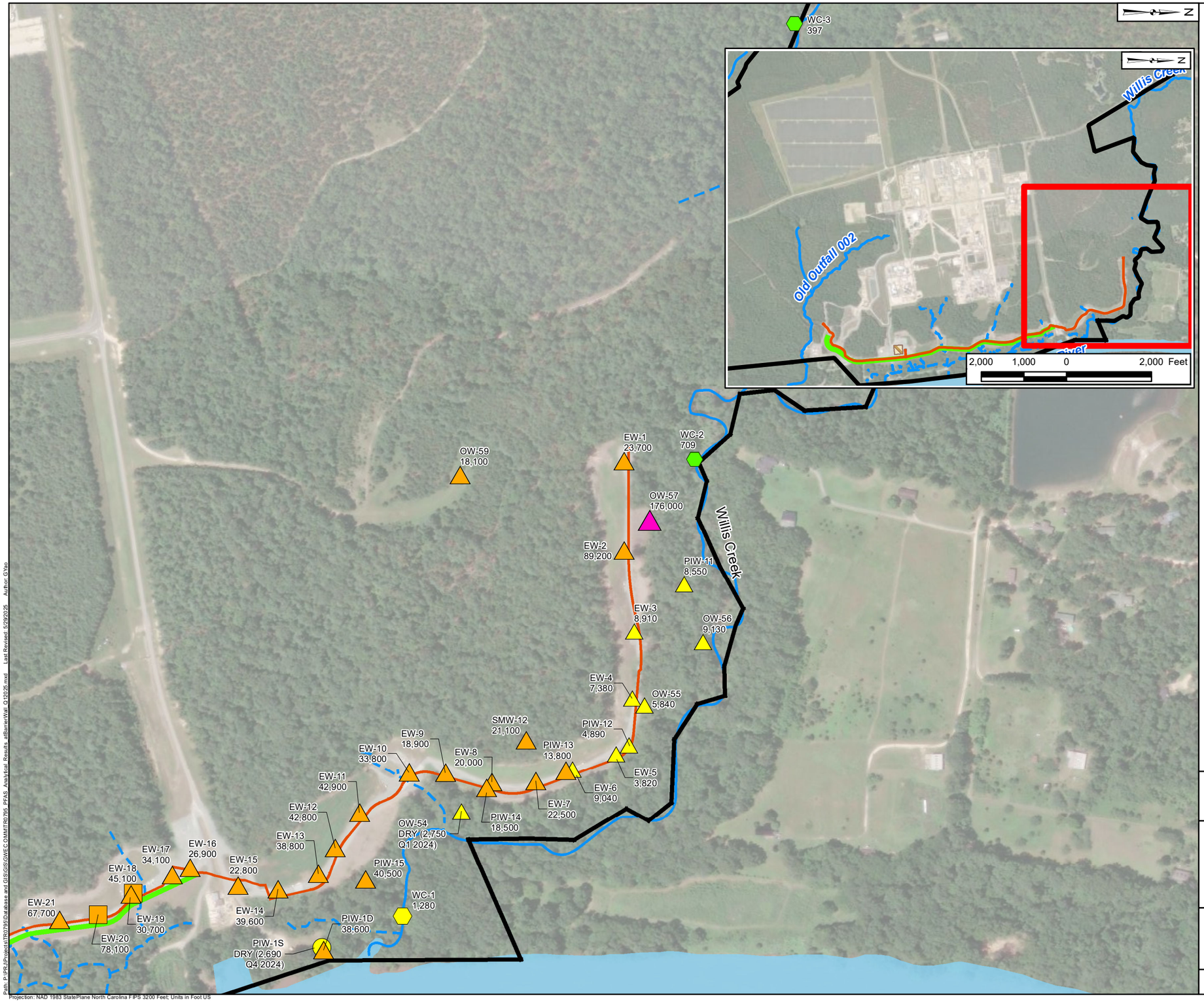
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295

Raleigh, NC | June 2025

Figure **6-7B**

Path: P:\PRJ\Projects\TR0705\Database and GIS\GIS\GWEC OMMT\R0705_PFAS_Analytical_Results_atBarrierWall_Q12025.mxd Last Revised: 5/29/2025 Author: GYao

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



Path: P:\PR\Projects\TR0795\Database and GIS\GIS\GWEC OMMIT\0795_PFAS_AnalyticalResults_atBarrierWall_Q12025.mxd Last Revised: 5/29/2025 Author: GYao

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
- Nearby Tributary to River
- Cape Fear River

Notes:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in extraction wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. EW PFAS results are from the post-startup sampling that was performed in Q2 2024. For the collection of MWs/OWs, most recently available PFAS results through Q1 2025 are shown. Wells OW-54, PIW-10S, PIW-1S and PIW-5SR were dry during their most recent sampling in Q1 2025 sampling. These wells are indicated as dry in the figure along with their last available sampling results. WC PFAS results are from the Q1 2025 sampling performed on January 7 - 8, 2025.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS (MajorHydro shapefile).
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

250 125 0 250 Feet

PFAS Analytical Results

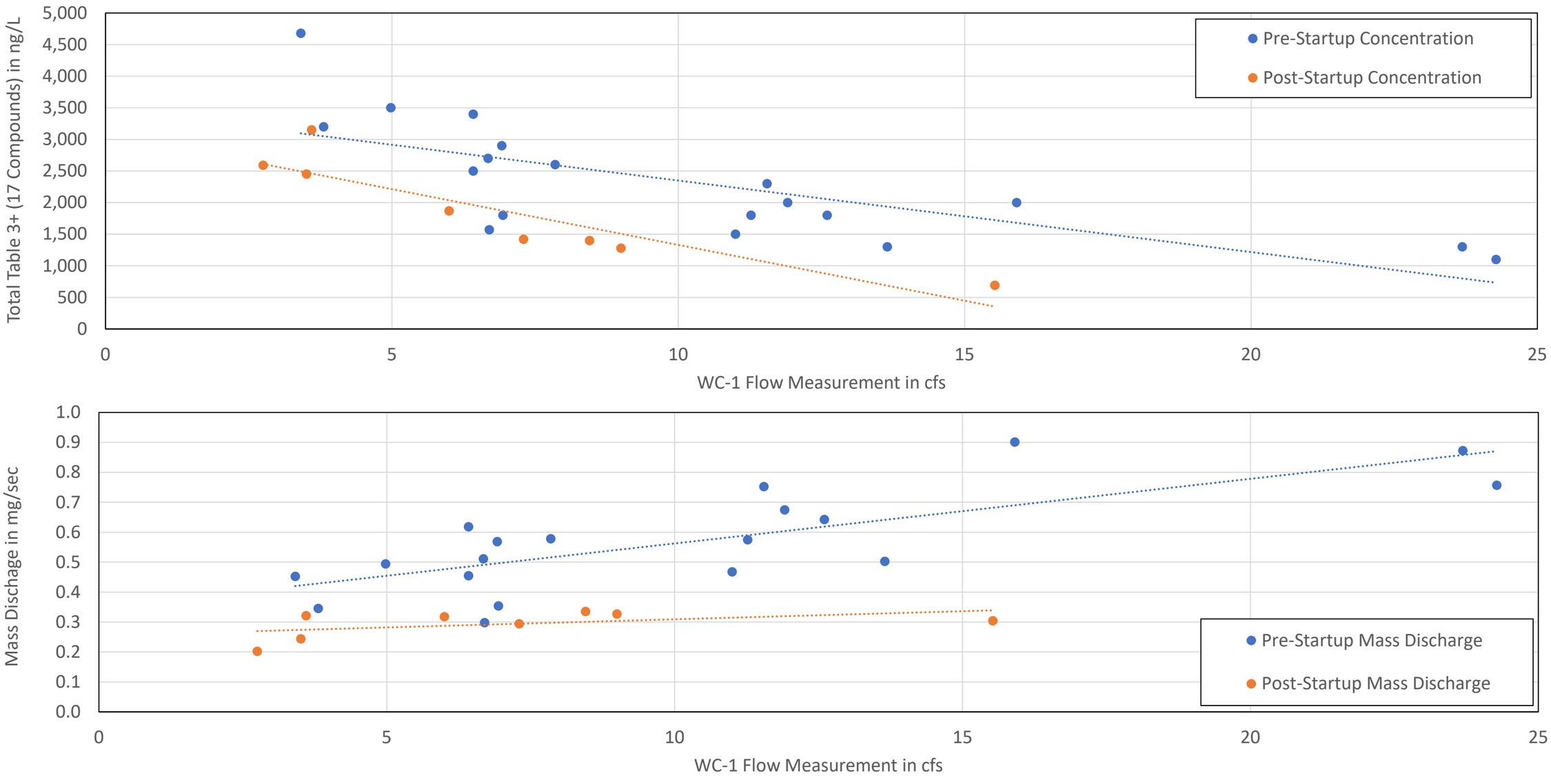
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 2025

Figure
6-7C



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

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Figure 6-8

WC-3
397

WC-2
709

Willis Creek

OW-56
9,130

PIW-11
8,550

OW-57
176,000

OW-55
5,840

EW-1
23,700

EW-2
89,200

EW-3
8,910

EW-4
7,380

PIW-12
4,890

EW-5
3,820

PIW-13
13,800

EW-6
9,040

SMW-12
21,100

EW-7
22,500

EW-8
20,000

PIW-14
18,500

OW-59
18,100

EW-9
18,900

OW-54
DRY (2,750 Q1 2024)

EW-10
33,800

WC-1
1,280

Willis Creek
Tributary Capture

EW-11
42,900

PIW-15
40,500

EW-13
38,800

EW-12
42,800

PIW-1D
38,600

PIW-1S
DRY (2,690
Q4 2024)

EW-14
39,600

EW-15
22,800

EW-16
26,900

EW-17
34,100

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

EW-19
30,700

EW-18
45,100

PIW-3D
75,100

EW-20
78,100

LTW-01
71,500

EW-21
67,700

EW-22
104,000

EW-23
92,400

EW-24
119,000

EW-25
54,600

EW-26S
165,000

EW-28
107,000

EW-27
168,000

PIW-4D
37,100

LTW-02
95,800

EW-30
158,000

EW-29
243,000

EW-31
168,000

PW-10RR
53,100

EW-32
119,000

PIW-5SR
DRY (154,000
Q3 2023)

EW-33
93,800

EW-34
150,000

Seep A
Capture Basin
(includes Weep 7)

EW-36
232,000

EW-35
92,800

EW-38
272,000

EW-37
105,000

EW-40
278,000

EW-39
93,000

EW-41
226,000

EW-42
166,000

EW-43
227,000

Seep B
Capture Basin

EW-45
220,000

EW-47
231,000

EW-48
93,400

EW-49
282,000

EW-50
123,000

EW-51
236,000

EW-52
318,000

EW-53
266,000

Weep 4 and 004 Trench
Drain Capture

EW-54
296,000

EW-55
263,000

EW-56
285,000

Weep 3 Capture

OW-51
96,200

OW-37
82,100

EW-57
64,400

EW-58
30,200

EW-60
83,300

EW-61
83,000

EW-62
99,700

EW-63
103,000

PIW-10S
DRY (19,800
Q3 2023)

PIW-10DR
59,000

EW-64
75,500

EW-66
51,700

EW-67
50,200

EW-68
80,000

EW-65
13,000

EW-69
70,000

PW-04
1,790

OW-32
34,500

PW-11
49,200

OW-4R
77,200

OW-30
50,700

OW-33
26,700

OW-40
37,400

Lock and Dam Seep North

Lock and Dam Seep

Transect 1

T1-101
ND

T1-103
ND

T1-102
ND

Transect 2

T2-201
9.3

T2-203
ND

T2-202
ND

Seep-A

Seep-B

Seep-C

Seep-D

PIW-6S
244,000

LTW-03
125,000

PZ-22
153,000

LTW-04
135,000

PIW-7D
194,000

PIW-7S
53,600

PIW-8D
284,000

LTW-05
224,000

T3-301
6.2

T3-303
ND

T3-302
ND

Transect 3

OW-28
15,100

Transect 4

GBC-1
1,400

T4-402
8.7

T4-403
2.1

T4-401
13

Georgia Branch Creek

1

2

N

0.5 0.25 0 0.5 Miles

500 250 0 500 Feet

250 125 0 250 Feet

Legend

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

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

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

- Transect Sampling Location
- Nearby Tributary
- Observed Seep
- Site Boundary
- North Forcemain
- South Forcemain
- Barrier Wall
- 004 Groundwater Treatment Pad and Break Tank

Notes:

1. This figure shows Total Table 3+ PFAS (17 Compounds) concentrations in extraction wells (EWs), near remedy and downgradient monitoring/observation wells (MWs/OWs), and Willis Creek (WC) stations. Cape Fear River transect PFAS results are from sampling performed on February 4, 2025. EW PFAS results are from the post-startup sampling that was performed in Q2 2024. For the collection of MWs/OWs, most recently available PFAS results through Q1 2025 are shown. Wells OW-54, PIW-10S, PIW-1S, and PIW-5SR were dry during their most recent sampling in Q1 2025 sampling. These wells are indicated as dry in the figure along with their last available sampling results. WC PFAS results are from the Q1 2025 sampling performed on January 7-8, 2025.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

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

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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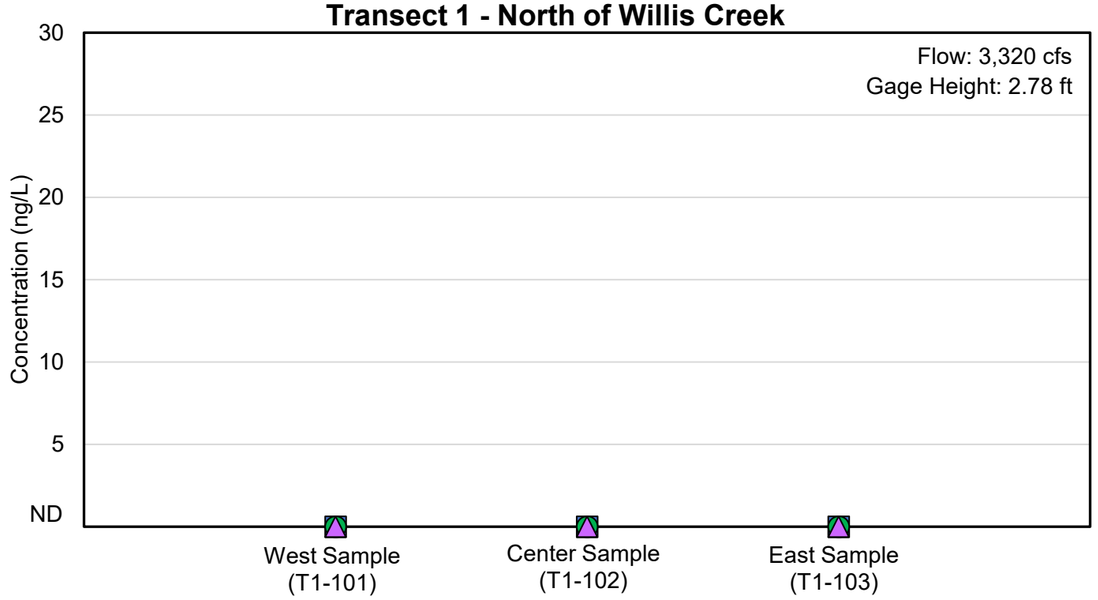
Raleigh, NC | June 2025

Figure 6-9

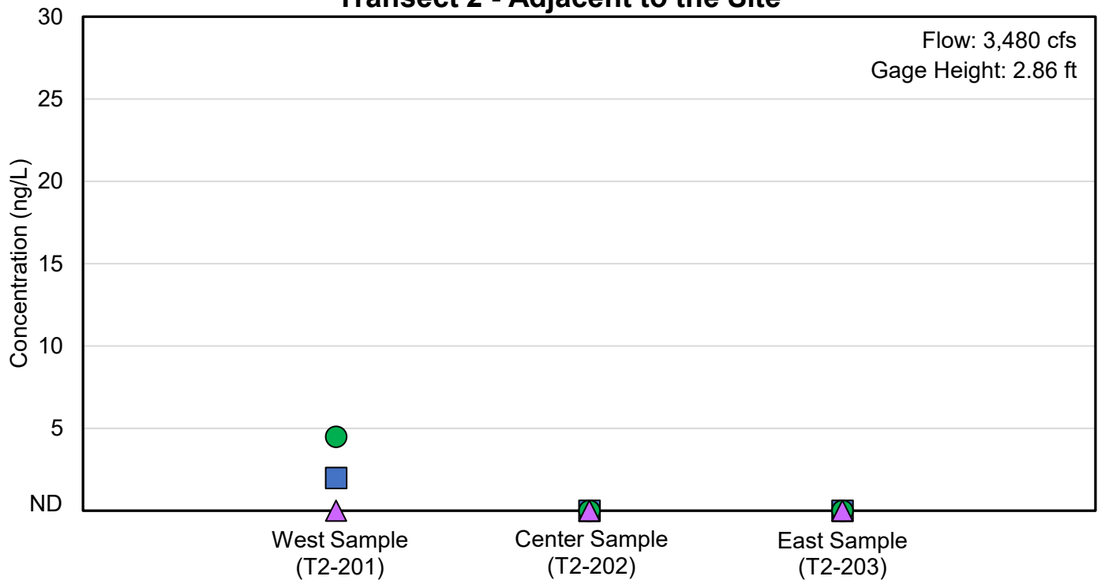
Path: P:\PR\Projects\TR0795\Database and GIS\GIS\Baseline Monitoring Workplan TR0795 004Transect 5 sampling Workplan_ATTachments_ReportsFeb25\FIG Q1 2025.mxd; GNeu; 6/12/2025

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

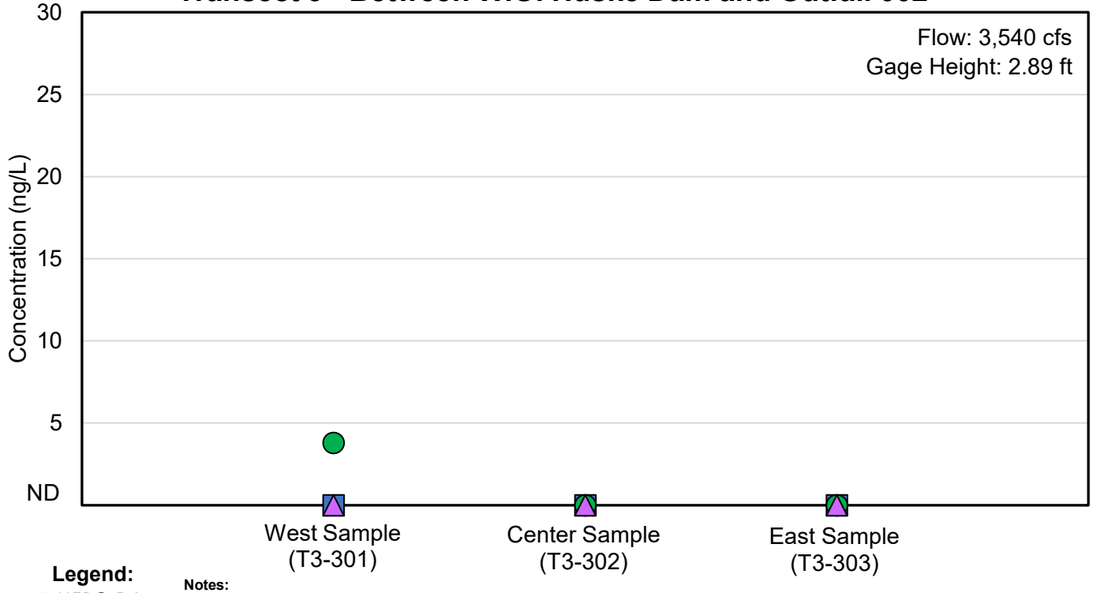
Transect 1 - North of Willis Creek



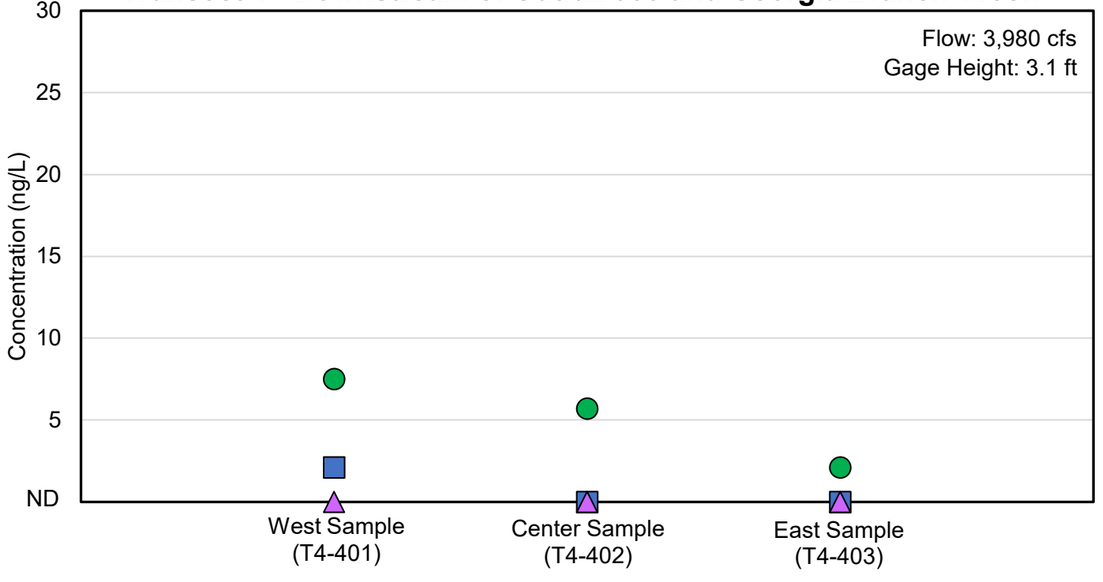
Transect 2 - Adjacent to the Site



Transect 3 - Between W.O. Huske Dam and Outfall 002

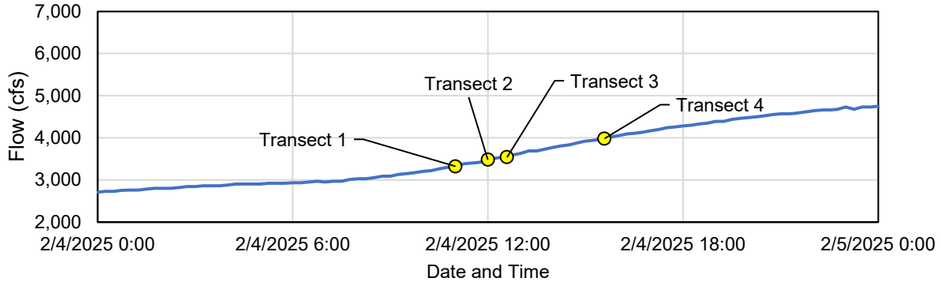


Transect 4 - Downstream of Outfall 003 and Georgia Branch Creek



Legend:
- HFPO-DA
- PFMOAA
- PMPA

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



Total Precipitation: 0 inches

Indicator PFAS Concentrations Across Cape Fear River Transects - Q1 2025 (February 2025)

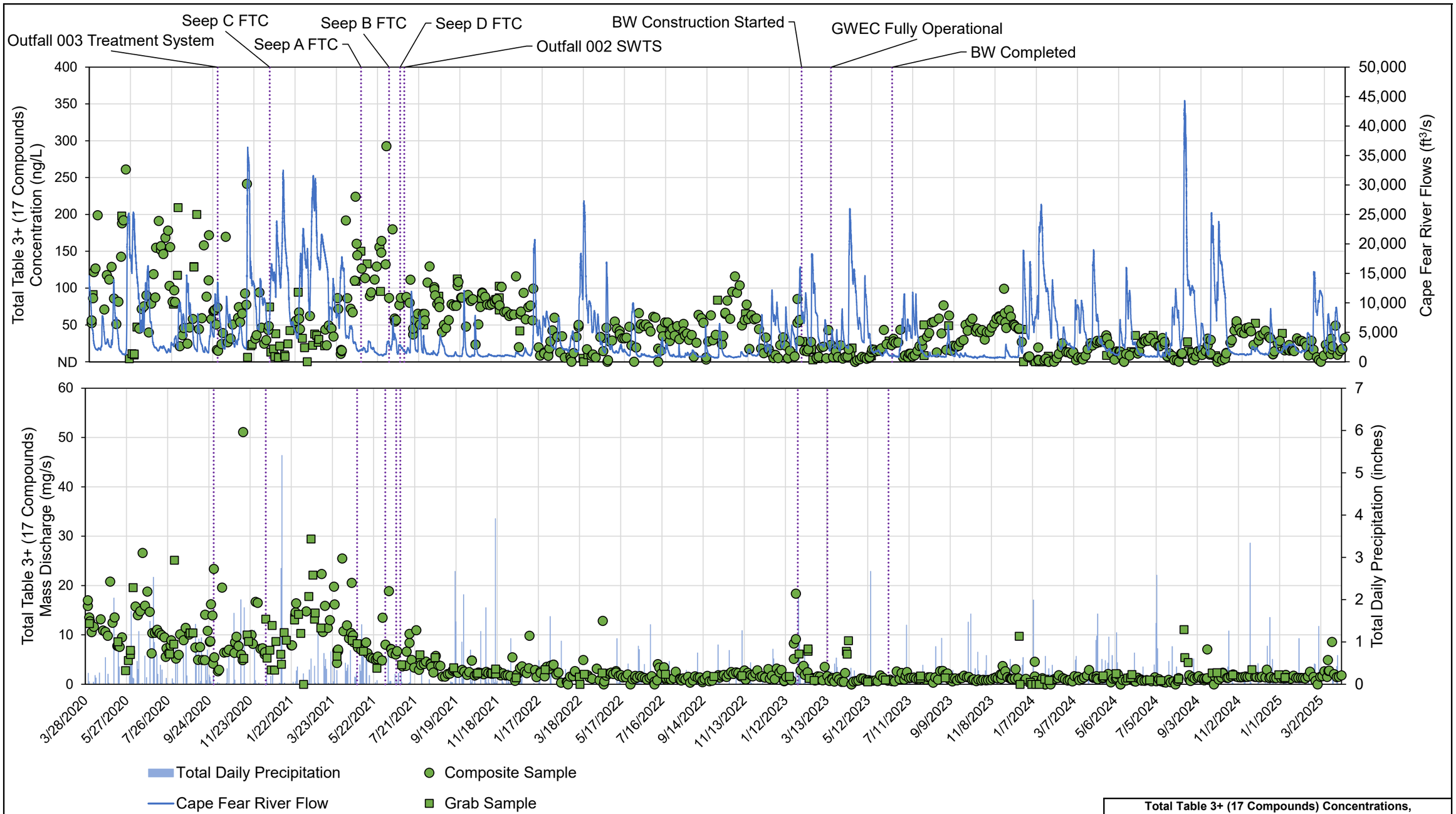
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | June 2025

Figure 6-10



Notes:
- A concentration of 0 ng/L and mass discharge of 0 mg/s indicate that all the compounds were not detected above the reporting limit.
- Flow and precipitation data are from the USGS gauging station #02105500 located at the W.O. Huske Dam.
- PFAS concentrations calculated by summing over Attachment C compounds and Table 3+ (21 compounds) are provided in Appendix B.

Abbrevations:
BW - Barrier Wall
ft^3/s - cubic feet per second
FTC - Flow-through cell
GWEC - Groundwater extraction and conveyance system
mg/s - milligrams per second
ng/L - nanograms per liter
SWTS - Stormwater treatment system

Total Table 3+ (17 Compounds) Concentrations, Mass Discharge and Daily Flow at Tar Heel Ferry Road Bridge

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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Figure **6-11**

Geosyntec consultants

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NC License No.: C-3500 and C-295

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

ADQM Data Review

Site: Chemours Fayetteville

Project: 004 NPDES Sampling 1Q25

Project Reviewer: Bridget Gavaghan

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
004-INF-0125	320-118115-1	Other Liquid	N	01/06/2025	08:00	FS
004-EFF-0125	320-118117-1	Other Liquid	N	01/06/2025	08:00	FS
004-INF-0125-2	320-118229-1	Other Liquid	N	01/13/2025	08:00	FS
004-EFF-0125-2	320-118232-1	Other Liquid	N	01/13/2025	08:00	FS
004-FBLK-0125	320-118232-2	Blank Water	N	01/13/2025	08:00	FB
004-EFF-0125-3	320-118412-1	Other Liquid	N	01/20/2025	07:30	FS
004-INF-0125-3	320-118414-1	Other Liquid	N	01/20/2025	07:30	FS
004-INF-0125-4	320-118600-1	Other Liquid	N	01/27/2025	08:00	FS
004-EFF-0125-4	320-118605-1	Other Liquid	N	01/27/2025	08:00	FS
004-INF-0225-3	320-118753-1	Other Liquid	N	02/03/2025	08:00	FS
004-EFF-0225	320-118756-1	Other Liquid	N	02/03/2025	08:00	FS
004-EFF-0225-2	320-118920-1	Other Liquid	N	02/10/2025	08:00	FS
004-FBLK-0225	320-118920-2	Blank Water	N	02/10/2025	08:00	FB
004-INF-0225-2	320-118922-1	Other Liquid	N	02/10/2025	08:00	FS
004-EFF-0225-3	320-119104-1	Other Liquid	N	02/17/2025	08:30	FS
004-INF-0225-3-2	320-119106-1	Other Liquid	N	02/17/2025	08:30	FS
004-INF-0225-4	320-119312-1	Other Liquid	N	02/24/2025	07:30	FS
004-EFF-0225-4	320-119314-1	Other Liquid	N	02/24/2025	07:30	FS
004-INF-0325	320-119470-1	Other Liquid	N	03/03/2025	08:00	FS
004-EFF-0325	320-119472-1	Other Liquid	N	03/03/2025	08:00	FS
004-INF-0325-2	320-119665-1	Other Liquid	N	03/10/2025	08:00	FS
004-EFF-0325-2	320-119667-1	Other Liquid	N	03/10/2025	08:00	FS
004-FBLK-0325	320-119667-2	Blank Water	N	03/10/2025	08:00	FB
004-INF-0325-3	320-119881-1	Other Liquid	N	03/17/2025	09:00	FS
004-EFF-0325-3	320-119884-1	Other Liquid	N	03/17/2025	09:00	FS
004-INF-0325-4	320-120065-1	Other Liquid	N	03/24/2025	07:00	FS
004-EFF-0325-4	320-120066-1	Other Liquid	N	03/24/2025	07:00	FS
004-EFF-033125	320-120226-1	Other Liquid	N	03/31/2025	09:00	FS
004-INF-033125	320-120229-1	Other Liquid	N	03/31/2025	09:00	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 2/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 1/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 2/25
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)	004 NPDES Sampling 3/25

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				
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		X	
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X	X	
F	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:** 004 NPDES Sampling 1/25 **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-0125-2	01/13/2025	320-118232-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0125-2	01/13/2025	320-118232-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0125-2	01/13/2025	320-118232-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0325-2	03/10/2025	320-119667-1	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0325-2	03/10/2025	320-119667-1	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-EFF-0325-2	03/10/2025	320-119667-1	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 004 NPDES Sampling 1/25 **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-0125-3	01/20/2025	320-118414-1	PFMOAA	46	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 004 NPDES Sampling 1/25 **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-0125-2	01/13/2025	320-118229-1	R-PSDA	0.67	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0125-2	01/13/2025	320-118229-1	Hydrolyzed PSDA	9.4	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0125-2	01/13/2025	320-118229-1	R-EVE	0.36	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0225-2	02/10/2025	320-118922-1	R-PSDA	3.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0225-2	02/10/2025	320-118922-1	Hydrolyzed PSDA	30	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0225-2	02/10/2025	320-118922-1	R-EVE	1.7	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0325-2	03/10/2025	320-119665-1	R-PSDA	0.96	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0325-2	03/10/2025	320-119665-1	Hydrolyzed PSDA	15	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
004-INF-0325-2	03/10/2025	320-119665-1	R-EVE	0.52	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** 004 NPDES Sampling 1/25 **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-INF-0125-2	01/13/2025	320-118229-1	PFMOAA	51	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 1Q25 – PM PFAS

Project Reviewer: Bridget Gavaghan

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-12-010825	320-118198-1	Surface Water	N	01/08/2025	16:00	FS
SEEP-C-INFLUENT-12-010825-D	320-118198-2	Surface Water	N	01/08/2025	16:00	DUP
SEEP-C-EFFLUENT-12-010825	320-118198-3	Surface Water	N	01/08/2025	16:00	FS
SEEP-EB-010925	320-118198-4	Blank Water	N	01/09/2025	11:10	EB
SEEP-FB-010925	320-118198-5	Blank Water	N	01/09/2025	11:15	FB
SEEP-C-INFLUENT-24-012225	320-118534-1	Surface Water	N	01/22/2025	01:00	FS
SEEP-C-EFFLUENT-24-012225	320-118534-2	Surface Water	N	01/22/2025	01:00	FS
SEEP-C-INFLUENT-24-012825	320-118643-1	Surface Water	N	01/28/2025	12:30	FS
SEEP-C-EFFLUENT-24-012825	320-118643-2	Surface Water	N	01/28/2025	12:30	FS
SEEP-C-INFLUENT-18-020625	320-118912-1	Surface Water	N	02/06/2025	14:15	FS
SEEP-C-INFLUENT-18-020625-D	320-118912-2	Surface Water	N	02/06/2025	14:15	DUP
SEEP-C-EFFLUENT-18-020625	320-118912-3	Surface Water	N	02/06/2025	14:15	FS
SEEP-EB-021025	320-118912-4	Blank Water	N	02/10/2025	10:05	EB
SEEP-FB-021025	320-118912-5	Blank Water	N	02/10/2025	10:10	FB
SEEP-C-INFLUENT-24-021425	320-119124-1	Surface Water	N	02/14/2025	08:15	FS
SEEP-C-EFFLUENT-24-021425	320-119124-2	Surface Water	N	02/14/2025	08:15	FS
SEEP-C-INFLUENT-24-021825	320-119124-3	Surface Water	N	02/18/2025	11:00	FS
SEEP-C-EFFLUENT-24-021825	320-119124-4	Surface Water	N	02/18/2025	11:00	FS
SEEP-A-INFLUENT-24-021825	320-119124-5	Surface Water	N	02/18/2025	11:00	FS
SEEP-A-EFFLUENT-24-021825	320-119124-6	Surface Water	N	02/18/2025	11:00	FS
SEEP-C-INFLUENT-24-022125	320-119269-1	Surface Water	N	02/21/2025	11:30	FS
SEEP-C-EFFLUENT-24-022125	320-119269-2	Surface Water	N	02/21/2025	11:30	FS
SEEP-C-INFLUENT-24-030625	320-119636-1	Surface Water	N	03/06/2025	13:30	FS
SEEP-C-INFLUENT-24-030625-D	320-119636-2	Surface Water	N	03/06/2025	13:30	DUP
SEEP-C-EFFLUENT-24-030625	320-119636-3	Surface Water	N	03/06/2025	13:30	FS
SEEP-A-INFLUENT-24-030625	320-119636-4	Surface Water	N	03/06/2025	13:30	FS
SEEP-A-EFFLUENT-24-030625	320-119636-5	Surface Water	N	03/06/2025	13:30	FS

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-EB-030725	320-119636-6	Blank Water	N	03/07/2025	08:25	EB
SEEP-FB-030725	320-119636-7	Blank Water	N	03/07/2025	08:20	FB
SEEP-C-INFLUENT-24-031425	320-119862-1	Surface Water	N	03/14/2025	08:30	FS
SEEP-C-EFFLUENT-24-031425	320-119862-2	Surface Water	N	03/14/2025	08:30	FS
SEEP-C-INFLUENT-24-031225	320-119863-1	Surface Water	N	03/12/2025	08:30	FS
SEEP-C-EFFLUENT-24-031225	320-119863-2	Surface Water	N	03/12/2025	08:30	FS
SEEP-A-INFLUENT-24-031225	320-119863-3	Surface Water	N	03/12/2025	08:30	FS
SEEP-A-EFFLUENT-24-031225	320-119863-4	Surface Water	N	03/12/2025	08:30	FS
SEEP-A-INFLUENT-24-031825	320-119936-1	Surface Water	N	03/18/2025	08:30	FS
SEEP-A-EFFLUENT-24-031825	320-119936-2	Surface Water	N	03/18/2025	08:30	FS
SEEP-B-INFLUENT-24-031825	320-119936-3	Surface Water	N	03/18/2025	08:30	FS
SEEP-B-EFFLUENT-24-031825	320-119936-4	Surface Water	N	03/18/2025	08:30	FS
SEEP-C-INFLUENT-24-031825	320-119936-5	Surface Water	N	03/18/2025	08:30	FS
SEEP-C-EFFLUENT-24-031825	320-119936-6	Surface Water	N	03/18/2025	08:30	FS
SEEP-C-INFLUENT-24-031925	320-120072-1	Surface Water	N	03/19/2025	11:30	FS
SEEP-C-EFFLUENT-24-031925	320-120072-2	Surface Water	N	03/19/2025	11:30	FS
SEEP-A-INFLUENT-24-031925	320-120072-3	Surface Water	N	03/19/2025	11:30	FS
SEEP-A-EFFLUENT-24-031925	320-120072-4	Surface Water	N	03/19/2025	11:30	FS

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

Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	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		X	
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X	X	
F	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.

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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-18-020625	02/06/2025	320-118912-1	R-PSDA	0.27	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-18-020625	02/06/2025	320-118912-1	R-EVE	0.26	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2025 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-24-012825	01/28/2025	320-118643-1	R-PSDA	0.12	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-012825	01/28/2025	320-118643-1	R-EVE	0.12	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2025 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-12-010825	01/08/2025	320-118198-1	R-PSDA	0.11	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-12-010825-D	01/08/2025	320-118198-2	R-PSDA	0.10	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-012225	01/22/2025	320-118534-1	R-PSDA	0.13	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-012225	01/22/2025	320-118534-1	R-EVE	0.13	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-18-020625-D	02/06/2025	320-118912-2	R-PSDA	0.26	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-18-020625-D	02/06/2025	320-118912-2	R-EVE	0.24	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021825	02/18/2025	320-119124-5	R-PSDA	0.75	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021825	02/18/2025	320-119124-5	Hydrolyzed PSDA	1.5	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-021825	02/18/2025	320-119124-5	R-EVE	0.39	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021425	02/14/2025	320-119124-1	R-PSDA	0.21	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021425	02/14/2025	320-119124-1	R-EVE	0.16	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021825	02/18/2025	320-119124-3	R-PSDA	0.24	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-021825	02/18/2025	320-119124-3	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-022125	02/21/2025	320-119269-1	R-PSDA	0.26	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-022125	02/21/2025	320-119269-1	R-EVE	0.17	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030625	03/06/2025	320-119636-4	R-PSDA	0.40	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030625	03/06/2025	320-119636-4	Hydrolyzed PSDA	1.2	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-030625	03/06/2025	320-119636-4	R-EVE	0.27	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030625	03/06/2025	320-119636-1	R-PSDA	0.10	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030625	03/06/2025	320-119636-1	R-EVE	0.085	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030625-D	03/06/2025	320-119636-2	R-PSDA	0.098	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-030625-D	03/06/2025	320-119636-2	R-EVE	0.086	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031425	03/14/2025	320-119862-1	R-PSDA	0.28	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2025 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-INFLUENT-24-031425	03/14/2025	320-119862-1	R-EVE	0.24	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031225	03/12/2025	320-119863-3	R-PSDA	0.62	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031225	03/12/2025	320-119863-3	Hydrolyzed PSDA	1.7	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031225	03/12/2025	320-119863-3	R-EVE	0.30	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031225	03/12/2025	320-119863-1	R-PSDA	0.21	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031225	03/12/2025	320-119863-1	R-EVE	0.16	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031825	03/18/2025	320-119936-1	R-PSDA	0.37	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031825	03/18/2025	320-119936-1	Hydrolyzed PSDA	0.48	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031825	03/18/2025	320-119936-1	R-EVE	0.21	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-031825	03/18/2025	320-119936-3	R-PSDA	0.50	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-031825	03/18/2025	320-119936-3	Hydrolyzed PSDA	1.9	UG/L	PQL		0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-24-031825	03/18/2025	320-119936-3	R-EVE	0.41	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031825	03/18/2025	320-119936-5	R-PSDA	0.19	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031825	03/18/2025	320-119936-5	R-EVE	0.20	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031925	03/19/2025	320-120072-3	R-PSDA	0.49	UG/L	PQL	0.071	0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031925	03/19/2025	320-120072-3	Hydrolyzed PSDA	0.67	UG/L	PQL	0.050	0.050	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-24-031925	03/19/2025	320-120072-3	R-EVE	0.29	UG/L	PQL	0.072	0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031925	03/19/2025	320-120072-1	R-PSDA	0.30	UG/L	PQL	0.071	0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-24-031925	03/19/2025	320-120072-1	R-EVE	0.26	UG/L	PQL	0.072	0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Cell Sampling 1Q25 – PM WQ TSS (updated)

Project Reviewer: Bridget Gavaghan & Michael Aucoin

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-TSS-010925	320-118198-6	Surface Water	N	01/09/2025	10:45	FS
SEEP-C-EFFLUENT-TSS-010925	320-118198-7	Surface Water	N	01/09/2025	10:40	FS
SEEP-C-INFLUENT-TSS-012325	320-118534-3	Surface Water	N	01/23/2025	09:40	FS
SEEP-C-EFFLUENT-TSS-012325	320-118534-4	Surface Water	N	01/23/2025	09:45	FS
SEEP-C-INFLUENT-TSS-012925	320-118643-3	Surface Water	N	01/29/2025	11:30	FS
SEEP-C-EFFLUENT-TSS-012925	320-118643-4	Surface Water	N	01/29/2025	11:35	FS
SEEP-C-INFLUENT-TSS-021025	320-118912-6	Surface Water	N	02/10/2025	10:05	FS
SEEP-C-EFFLUENT-TSS-021025	320-118912-7	Surface Water	N	02/10/2025	10:10	FS
SEEP-C-INFLUENT-TSS-021425	320-119122-1	Surface Water	N	02/14/2025	08:30	FS
SEEP-C-EFFLUENT-TSS-021425	320-119122-2	Surface Water	N	02/14/2025	08:35	FS
SEEP-C-INFLUENT-TSS-021825	320-119122-3	Surface Water	N	02/18/2025	12:25	FS
SEEP-C-EFFLUENT-TSS-021825	320-119122-4	Surface Water	N	02/18/2025	12:30	FS
SEEP-A-INFLUENT-TSS-021825	320-119122-5	Surface Water	N	02/18/2025	12:00	FS
SEEP-A-EFFLUENT-TSS-021825	320-119122-6	Surface Water	N	02/18/2025	12:05	FS
SEEP-C-INFLUENT-TSS-022425	320-119269-3	Surface Water	N	02/24/2025	11:35	FS
SEEP-C-EFFLUENT-TSS-022425	320-119269-4	Surface Water	N	02/24/2025	11:40	FS
SEEP-C-INFLUENT-TSS-030725	320-119639-1	Surface Water	N	03/07/2025	08:45	FS
SEEP-C-EFFLUENT-TSS-030725	320-119639-2	Surface Water	N	03/07/2025	08:50	FS
SEEP-A-INFLUENT-TSS-030725	320-119639-3	Surface Water	N	03/07/2025	08:10	FS
SEEP-A-EFFLUENT-TSS-030725	320-119639-4	Surface Water	N	03/07/2025	08:15	FS
SEEP-C-INFLUENT-TSS-031425	320-119862-3	Surface Water	N	03/14/2025	10:30	FS
SEEP-C-EFFLUENT-TSS-031425	320-119862-4	Surface Water	N	03/14/2025	10:35	FS

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
SEEP-C-INFLUENT-TSS-031225	320-119863-5	Surface Water	N	03/12/2025	10:55	FS
SEEP-C-EFFLUENT-TSS-031225	320-119863-6	Surface Water	N	03/12/2025	11:00	FS
SEEP-A-INFLUENT-TSS-031225	320-119863-7	Surface Water	N	03/12/2025	10:30	FS
SEEP-A-EFFLUENT-TSS-031225	320-119863-8	Surface Water	N	03/12/2025	10:35	FS
SEEP-A-INFLUENT-TSS-031825	320-119937-1	Surface Water	N	03/18/2025	11:00	FS
SEEP-A-EFFLUENT-TSS-031825	320-119937-2	Surface Water	N	03/18/2025	11:05	FS
SEEP-B-INFLUENT-TSS-031825	320-119937-3	Surface Water	N	03/18/2025	11:30	FS
SEEP-B-EFFLUENT-TSS-031825	320-119937-4	Surface Water	N	03/18/2025	11:35	FS
SEEP-C-INFLUENT-TSS-031825	320-119937-5	Surface Water	N	03/18/2025	11:40	FS
SEEP-C-EFFLUENT-TSS-031825	320-119937-6	Surface Water	N	03/18/2025	11:45	FS
SEEP-C-INFLUENT-TSS-032425	320-120072-5	Surface Water	N	03/24/2025	10:25	FS
SEEP-C-EFFLUENT-TSS-032425	320-120072-6	Surface Water	N	03/24/2025	10:30	FS
SEEP-A-INFLUENT-TSS-032425	320-120072-7	Surface Water	N	03/24/2025	10:10	FS
SEEP-A-EFFLUENT-TSS-032425	320-120072-8	Surface Water	N	03/24/2025	10:15	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

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ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?		X		X	
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?		X	X	X	
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?	X				
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-031225	03/12/2025	320-119863-8	Total Suspended Solids	1.0	MG/L	MDL	1.0	3.0	UJ	SM 2540 D-2015		

Site: Fayetteville **Sampling Program:** Seep Flow Through Cell Sampling 2025 **Validation Options:** LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-TSS-021825	02/18/2025	320-119122-5	Total Suspended Solids	5.6	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-A-INFLUENT-TSS-031825	03/18/2025	320-119937-1	Total Suspended Solids	10	MG/L	MDL	1.3	4.0	J	SM 2540 D-2015		
SEEP-B-EFFLUENT-TSS-031825	03/18/2025	320-119937-4	Total Suspended Solids	4.9	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-B-INFLUENT-TSS-031825	03/18/2025	320-119937-3	Total Suspended Solids	48	MG/L	MDL	2.0	6.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-021825	02/18/2025	320-119122-4	Total Suspended Solids	13	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-021825	02/18/2025	320-119122-3	Total Suspended Solids	74	MG/L	MDL	6.3	19	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-031825	03/18/2025	320-119937-5	Total Suspended Solids	23	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-031825	03/18/2025	320-119937-6	Total Suspended Solids	2.5	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		

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 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-031225	03/12/2025	320-119863-7	Total Suspended Solids	41	MG/L	MDL	2.0	6.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-012325	01/23/2025	320-118534-4	Total Suspended Solids	12	MG/L	MDL	1.6	4.7	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-021425	02/14/2025	320-119122-2	Total Suspended Solids	5.5	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-031225	03/12/2025	320-119863-6	Total Suspended Solids	3.9	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-012325	01/23/2025	320-118534-3	Total Suspended Solids	13	MG/L	MDL	1.0	3.1	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-021425	02/14/2025	320-119122-1	Total Suspended Solids	16	MG/L	MDL	2.0	6.0	J	SM 2540 D-2015		
SEEP-C-INFLUENT-TSS-031225	03/12/2025	320-119863-5	Total Suspended Solids	23	MG/L	MDL	1.3	3.8	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-EFFLUENT-TSS-031425	03/14/2025	320-119862-4	Total Suspended Solids	1.8	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		
SEEP-C-EFFLUENT-TSS-032425	03/24/2025	320-120072-6	Total Suspended Solids	1.2	MG/L	MDL	1.0	3.0	J	SM 2540 D-2015		

ADQM Data Review

Site: Chemours Fayetteville

Project: CAP GW Sampling 1Q25 – PFAS (rev 2)

Project Reviewer: Bridget Gavaghan

Chemours™

Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP1Q25-OW-28-010925	320-118273-1	Groundwater	N	01/09/2025	15:25	FS
CAP1Q25-OW-33-010925	320-118273-2	Groundwater	N	01/09/2025	13:30	FS
CAP1Q25-PIW-7D-010925	320-118273-3	Groundwater	N	01/09/2025	14:10	FS
CAP1Q25-PIW-7S-011525	320-118342-3	Groundwater	N	01/15/2025	15:35	FS
CAP1Q25-PIW-3D-011625	320-118342-5	Groundwater	N	01/16/2025	12:00	FS
1Q25CAP-OW-51-012725	320-118660-1	Groundwater	N	01/27/2025	12:20	FS
1Q25CAP-OW-51-012725-D	320-118660-2	Groundwater	N	01/27/2025	12:20	DUP
1Q25CAP-OW-32-012325	320-118660-3	Groundwater	N	01/23/2025	15:25	FS
1Q25CAP-OW-55-012325	320-118660-4	Groundwater	N	01/23/2025	12:40	FS
1Q25CAP-LTW-04-012825	320-118660-5	Groundwater	N	01/28/2025	11:30	FS
1Q25CAP-OW-40-012125	320-118661-1	Groundwater	N	01/21/2025	12:55	FS
1Q25CAP-PIW-6S-012925	320-118661-2	Groundwater	N	01/29/2025	14:55	FS
1Q25CAP-OW-56-012025	320-118661-3	Groundwater	N	01/20/2025	11:40	FS
1Q25CAP-OW-30-012325	320-118661-4	Groundwater	N	01/23/2025	12:50	FS
1Q25CAP-LTW-02-012125	320-118661-6	Groundwater	N	01/21/2025	12:05	FS
1Q25CAP-OW-57-012925	320-118661-7	Groundwater	N	01/29/2025	11:40	FS
1Q25CAP-PIW-8D-013025	320-118664-1	Groundwater	N	01/30/2025	11:10	FS
1Q25CAP-EQBLK-PP-013025	320-118664-2	Blank Water	N	01/30/2025	16:40	EB
1Q25CAP-EQBLK-DV-013025	320-118664-3	Blank Water	N	01/30/2025	17:00	EB
1Q25CAP-EQBLK-BP-013025	320-118664-4	Blank Water	N	01/30/2025	16:45	EB
1Q25CAP-EQBLK-BAILER-013025	320-118664-5	Blank Water	N	01/30/2025	16:30	EB
1Q25CAP-LTW-05-012725	320-118667-1	Groundwater	N	01/27/2025	14:00	FS
1Q25CAP-PZ-22-012825	320-118667-2	Groundwater	N	01/28/2025	13:05	FS
1Q25CAP-LTW-01-012825	320-118667-3	Groundwater	N	01/28/2025	15:30	FS
1Q25CAP-PIW-10DR-012925	320-118667-4	Groundwater	N	01/29/2025	11:00	FS
1Q25CAP-PW-11-012925	320-118667-5	Groundwater	N	01/29/2025	14:55	FS
1Q25CAP-PW-10RR-012925	320-118667-6	Groundwater	N	01/29/2025	13:50	FS
1Q25CAP-LTW-03-012925	320-118667-7	Groundwater	N	01/29/2025	16:10	FS

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
1Q25CAP-OW-4R-012725	320-118673-1	Groundwater	N	01/27/2025	15:45	FS
1Q25CAP-PIW-1D-012325	320-118673-2	Groundwater	N	01/23/2025	15:05	FS
1Q25CAP-OW-37-011725	320-118673-3	Groundwater	N	01/17/2025	09:45	FS
1Q25CAP-PIW-11-012425	320-118673-4	Groundwater	N	01/24/2025	11:05	FS
1Q25CAP-SMW-12-012425	320-118673-5	Groundwater	N	01/24/2025	12:05	FS
1Q25CAP-PW-04-012325	320-118673-7	Groundwater	N	01/23/2025	15:48	FS
CAP1Q25-PIW-15-020325	320-118759-1	Groundwater	N	02/03/2025	11:55	FS
CAP1Q25-EQBLK-PP-020325	320-118759-2	Blank Water	N	02/03/2025	15:30	EB
CAP1Q25-PIW-4D-041525	320-120727-1	Groundwater	N	4/15/2025	14:35	FS

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

Analytical Protocol

Lab Name	Lab Method	Parameter Category	Sampling Program
Eurofins Environ Testing Northern Cali	537 Modified	Per- and Polyfluorinated Alkyl Substances (PFAS)	CAP GW Sampling 1Q25

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ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?		X		X	
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?		X	X		
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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- 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.

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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:** CAP GW Sampling 1Q25 **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
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	Perfluorobutanoic Acid	0.22	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	PFO2HxA	18	ug/L	PQL		0.069	J	537 Modified		3535
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	PFO3OA	8.2	ug/L	PQL		0.11	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-LTW-03-012925	01/29/2025	320-118667-7	PFMOAA	75	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-04-012825	01/28/2025	320-118660-5	PPF Acid	61	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-LTW-04-012825	01/28/2025	320-118660-5	PFMOAA	60	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	PFO2HxA	55	ug/L	PQL		0.069	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	PPF Acid	110	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	PFMOAA	110	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-57-012925	01/29/2025	320-118661-7	PPF Acid	52	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-OW-57-012925	01/29/2025	320-118661-7	PFMOAA	95	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-6S-012925	01/29/2025	320-118661-2	PPF Acid	94	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-PIW-6S-012925	01/29/2025	320-118661-2	PFMOAA	140	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	PFO2HxA	63	ug/L	PQL		0.069	J	537 Modified		3535
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	PPF Acid	100	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	PFMOAA	110	ug/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PZ-22-012825	01/28/2025	320-118667-2	PPF Acid	66	UG/L	PQL		0.31	J	537 Modified		3535
1Q25CAP-PZ-22-012825	01/28/2025	320-118667-2	PFMOAA	93	ug/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-7D-010925	01/09/2025	320-118273-3	PPF Acid	68	UG/L	PQL		0.31	J	537 Modified		3535
CAP1Q25-PIW-7D-010925	01/09/2025	320-118273-3	PFMOAA	120	ug/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	R-EVE	1.8	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-51-012725-D	01/27/2025	320-118660-2	R-EVE	1.3	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-LTW-01-012825	01/28/2025	320-118667-3	R-PSDA	1.1	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-01-012825	01/28/2025	320-118667-3	Hydrolyzed PSDA	0.76	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-LTW-01-012825	01/28/2025	320-118667-3	R-EVE	0.52	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-02-012125	01/21/2025	320-118661-6	R-PSDA	1.2	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-02-012125	01/21/2025	320-118661-6	Hydrolyzed PSDA	2.8	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-LTW-02-012125	01/21/2025	320-118661-6	R-EVE	0.68	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-03-012925	01/29/2025	320-118667-7	R-PSDA	1.0	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-03-012925	01/29/2025	320-118667-7	Hydrolyzed PSDA	8.0	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-LTW-03-012925	01/29/2025	320-118667-7	R-EVE	0.40	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-04-012825	01/28/2025	320-118660-5	R-PSDA	2.8	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-04-012825	01/28/2025	320-118660-5	Hydrolyzed PSDA	3.6	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-LTW-04-012825	01/28/2025	320-118660-5	R-EVE	2.3	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	R-PSDA	2.1	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	Hydrolyzed PSDA	3.5	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-LTW-05-012725	01/27/2025	320-118667-1	R-EVE	2.0	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-30-012325	01/23/2025	320-118661-4	R-PSDA	0.64	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-30-012325	01/23/2025	320-118661-4	Hydrolyzed PSDA	0.94	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-30-012325	01/23/2025	320-118661-4	R-EVE	0.47	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-32-012325	01/23/2025	320-118660-3	R-PSDA	0.37	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-32-012325	01/23/2025	320-118660-3	Hydrolyzed PSDA	0.98	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-32-012325	01/23/2025	320-118660-3	R-EVE	0.27	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-40-012125	01/21/2025	320-118661-1	R-PSDA	0.50	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-40-012125	01/21/2025	320-118661-1	Hydrolyzed PSDA	0.26	UG/L	PQL		0.16	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-OW-40-012125	01/21/2025	320-118661-1	R-EVE	0.35	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-4R-012725	01/27/2025	320-118673-1	R-PSDA	0.88	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-OW-4R-012725	01/27/2025	320-118673-1	Hydrolyzed PSDA	3.8	UG/L	PQL		0.078	J	537 Modified		3535
1Q25CAP-OW-4R-012725	01/27/2025	320-118673-1	R-EVE	0.70	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	R-PSDA	1.4	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-51-012725	01/27/2025	320-118660-1	Hydrolyzed PSDA	3.4	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-51-012725-D	01/27/2025	320-118660-2	R-PSDA	1.3	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-51-012725-D	01/27/2025	320-118660-2	Hydrolyzed PSDA	3.0	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-55-012325	01/23/2025	320-118660-4	R-PSDA	0.15	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-57-012925	01/29/2025	320-118661-7	R-PSDA	1.6	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-OW-57-012925	01/29/2025	320-118661-7	Hydrolyzed PSDA	27	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-OW-57-012925	01/29/2025	320-118661-7	R-EVE	0.26	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-10DR-012925	01/29/2025	320-118667-4	R-PSDA	0.77	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-10DR-012925	01/29/2025	320-118667-4	Hydrolyzed PSDA	2.7	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-PIW-10DR-012925	01/29/2025	320-118667-4	R-EVE	0.53	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-11-012425	01/24/2025	320-118673-4	R-PSDA	0.29	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PIW-11-012425	01/24/2025	320-118673-4	R-EVE	0.18	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PIW-1D-012325	01/23/2025	320-118673-2	R-PSDA	0.72	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PIW-1D-012325	01/23/2025	320-118673-2	R-EVE	0.50	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PIW-6S-012925	01/29/2025	320-118661-2	R-PSDA	1.9	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-6S-012925	01/29/2025	320-118661-2	Hydrolyzed PSDA	13	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-PIW-6S-012925	01/29/2025	320-118661-2	R-EVE	0.81	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	R-PSDA	3.7	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	Hydrolyzed PSDA	6.4	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-PIW-8D-013025	01/30/2025	320-118664-1	R-EVE	2.6	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PW-04-012325	01/23/2025	320-118673-7	R-PSDA	0.082	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PW-04-012325	01/23/2025	320-118673-7	R-EVE	0.070	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-PW-07-012325	01/23/2025	320-118673-6	R-PSDA	0.11	UG/L	PQL		0.0020	J	537 Modified		3535
1Q25CAP-PW-07-012325	01/23/2025	320-118673-6	R-EVE	0.051	UG/L	PQL		0.0020	J	537 Modified		3535
1Q25CAP-PW-10RR-012925	01/29/2025	320-118667-6	R-PSDA	0.070	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PW-10RR-012925	01/29/2025	320-118667-6	R-EVE	0.080	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PW-11-012925	01/29/2025	320-118667-5	R-PSDA	0.40	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PW-11-012925	01/29/2025	320-118667-5	Hydrolyzed PSDA	0.91	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-PW-11-012925	01/29/2025	320-118667-5	R-EVE	0.12	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PZ-22-012825	01/28/2025	320-118667-2	R-PSDA	0.87	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-PZ-22-012825	01/28/2025	320-118667-2	Hydrolyzed PSDA	4.0	UG/L	PQL		0.16	J	537 Modified		3535
1Q25CAP-PZ-22-012825	01/28/2025	320-118667-2	R-EVE	0.42	UG/L	PQL		0.063	J	537 Modified		3535
1Q25CAP-SMW-12-012425	01/24/2025	320-118673-5	R-PSDA	0.17	UG/L	PQL		0.031	J	537 Modified		3535
1Q25CAP-SMW-12-012425	01/24/2025	320-118673-5	R-EVE	0.13	UG/L	PQL		0.031	J	537 Modified		3535
CAP1Q25-OW-28-010925	01/09/2025	320-118273-1	R-PSDA	0.27	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-OW-28-010925	01/09/2025	320-118273-1	R-EVE	0.16	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-OW-33-010925	01/09/2025	320-118273-2	R-PSDA	0.37	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-OW-33-010925	01/09/2025	320-118273-2	R-EVE	0.22	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-15-020325	02/03/2025	320-118759-1	R-PSDA	0.44	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-15-020325	02/03/2025	320-118759-1	R-EVE	0.35	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-3D-011625	01/16/2025	320-118342-5	R-PSDA	0.85	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
CAP1Q25-PIW-3D-011625	01/16/2025	320-118342-5	Hydrolyzed PSDA	0.17	UG/L	PQL		0.16	J	537 Modified		3535
CAP1Q25-PIW-3D-011625	01/16/2025	320-118342-5	R-EVE	0.47	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-7D-010925	01/09/2025	320-118273-3	R-PSDA	0.87	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-7D-010925	01/09/2025	320-118273-3	Hydrolyzed PSDA	1.5	UG/L	PQL		0.16	J	537 Modified		3535
CAP1Q25-PIW-7D-010925	01/09/2025	320-118273-3	R-EVE	0.98	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-7S-011525	01/15/2025	320-118342-3	R-PSDA	1.3	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-7S-011525	01/15/2025	320-118342-3	R-EVE	1.5	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-SMW-11-011525	01/15/2025	320-118342-2	R-PSDA	0.20	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-SMW-11-011525	01/15/2025	320-118342-2	Hydrolyzed PSDA	0.24	UG/L	PQL		0.16	J	537 Modified		3535
CAP1Q25-SMW-11-011525	01/15/2025	320-118342-2	R-EVE	0.11	UG/L	PQL		0.063	J	537 Modified		3535
CAP1Q25-PIW-4D-041525	04/15/2025	320-120727-1	R-PSDA	0.27	UG/L	PQL		0.063	J	537 Modified		
CAP1Q25-PIW-4D-041525	04/15/2025	320-120727-1	Hydrolyzed PSDA	1.1	UG/L	PQL		0.16	J	537 Modified		
CAP1Q25-PIW-4D-041525	04/15/2025	320-120727-1	R-EVE	0.12	UG/L	PQL		0.063	J	537 Modified		

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
1Q25CAP-PW-11-012925	01/29/2025	320-118667-5	PFOA	0.063	UG/L	PQL		0.063	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP GW Sampling 1Q25 **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
CAP1Q25-PIW-15-020325	02/03/2025	320-118759-1	Hfpo Dimer Acid	10	UG/L	PQL		0.13	J	537 Modified		3535

ADQM Data Review

Site: Chemours Fayetteville

Project: CAP SW 1Q25 WC-PFAS

Project Reviewer: Bridget Gavaghan

Sample Summary

Field Sample ID	Lab Sample ID	Sample Type	Filtered	Sample Date	Sample Time	Sample Purpose
CAP1Q25-WC-1-21-010825	320-118153-2	Surface Water	N	01/08/2025	04:00	FS
CAP1Q25-WC-2-16-010725	320-118153-3	Surface Water	N	01/07/2025	23:00	FS
CAP1Q25-WC-3-20-010825	320-118153-4	Surface Water	N	01/08/2025	03:00	FS
CAP1Q25-EQBLK-PP-010825	320-118153-9	Blank Water	N	01/08/2025	14:30	EB
CAP1Q25-EQBLK-IS-010825	320-118153-10	Blank Water	N	01/08/2025	14:35	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 1Q25

Chemours™

ADQM Data Review Checklist

Item	Description	Yes	No*	DVM Narrative Report	Laboratory Report	Exception Report (ER) #
A	Did samples meet laboratory acceptability requirements upon receipt (i.e., intact, within temperature, properly preserved, and no headspace where applicable)?	X				
B	Were samples received by the laboratory in agreement with the associated chain of custody?		X		X	
C	Was the chain of custody properly completed by the laboratory and/or field team?	X				
D	Were samples prepped/analyzed by the laboratory within method holding times?	X				
E	Were data review criteria met for method blanks, LCSs/LCSDs, MSs/MSDs, PDSs, SDs, replicates, surrogates, sample results within calibration range, total/dissolved samples, field duplicates, field/equipment/trip blanks?	X				
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 SW Sampling 1Q25 **Validation Options:** LABSTATS

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

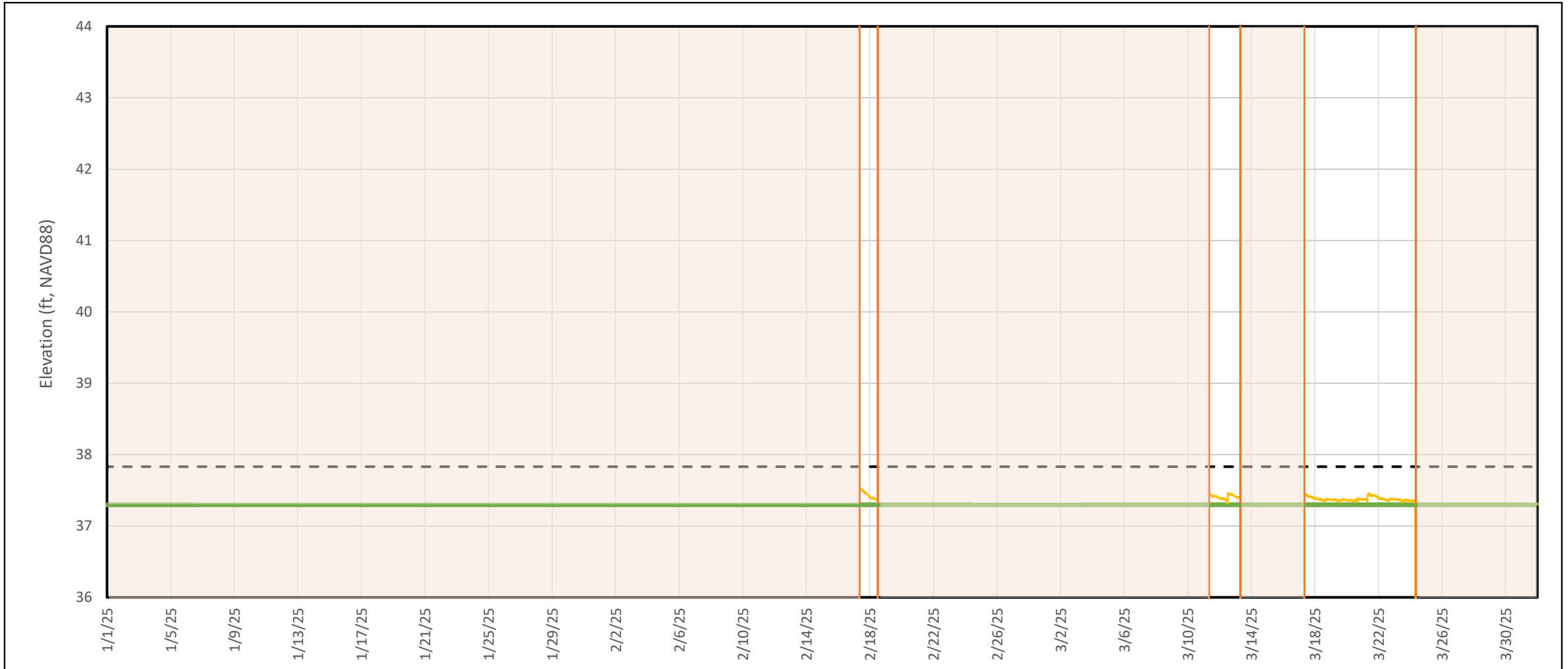
Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
CAP1Q25-OLDOF-1-8-010725	01/07/2025	320-118153-5	PPF Acid	1.3	UG/L	PQL		0.022	J	537 Modified		3535

Site: Fayetteville **Sampling Program:** CAP SW Sampling 1Q25 **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
CAP1Q25-CFR-BLADEN-010725	01/07/2025	320-118153-8	R-PSDA	0.014	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-CFR-BLADEN-010725	01/07/2025	320-118153-8	Hydrolyzed PSDA	0.0029	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-GBC-1-010725	01/07/2025	320-118153-7	R-PSDA	0.066	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-GBC-1-010725	01/07/2025	320-118153-7	R-EVE	0.031	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-OLDOF-1-8-010725	01/07/2025	320-118153-5	R-PSDA	0.017	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-OLDOF-1-8-010725	01/07/2025	320-118153-5	Hydrolyzed PSDA	0.025	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-OLDOF-1-8-010725	01/07/2025	320-118153-5	R-EVE	0.0075	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-1-21-010825	01/08/2025	320-118153-2	R-PSDA	0.049	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-1-21-010825	01/08/2025	320-118153-2	Hydrolyzed PSDA	0.20	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-1-21-010825	01/08/2025	320-118153-2	R-EVE	0.026	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-2-16-010725	01/07/2025	320-118153-3	R-PSDA	0.037	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-2-16-010725	01/07/2025	320-118153-3	Hydrolyzed PSDA	0.026	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-2-16-010725	01/07/2025	320-118153-3	R-EVE	0.023	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-3-20-010825	01/08/2025	320-118153-4	R-PSDA	0.028	UG/L	PQL		0.0020	J	537 Modified		3535
CAP1Q25-WC-3-20-010825	01/08/2025	320-118153-4	R-EVE	0.014	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.

Discharge Basin Water Elevation - Seep A

Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

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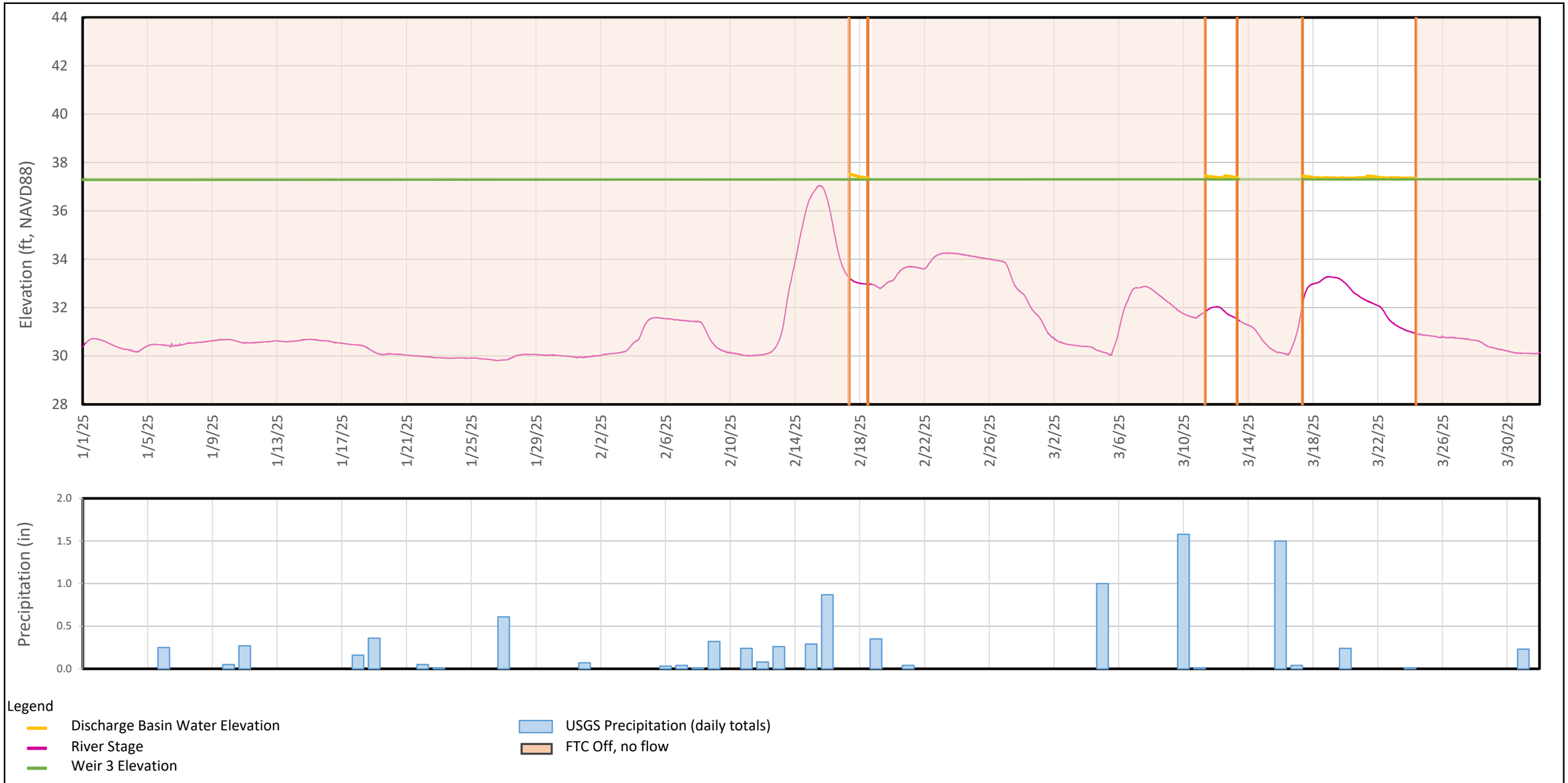
Figure B1-A



Legend

- Discharge Basin Water Elevation
- River Stage
- Weir 3 Elevation
- USGS Precipitation (daily totals)
- 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-A compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam. For March 24-31, 2025, precipitation data 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.
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

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

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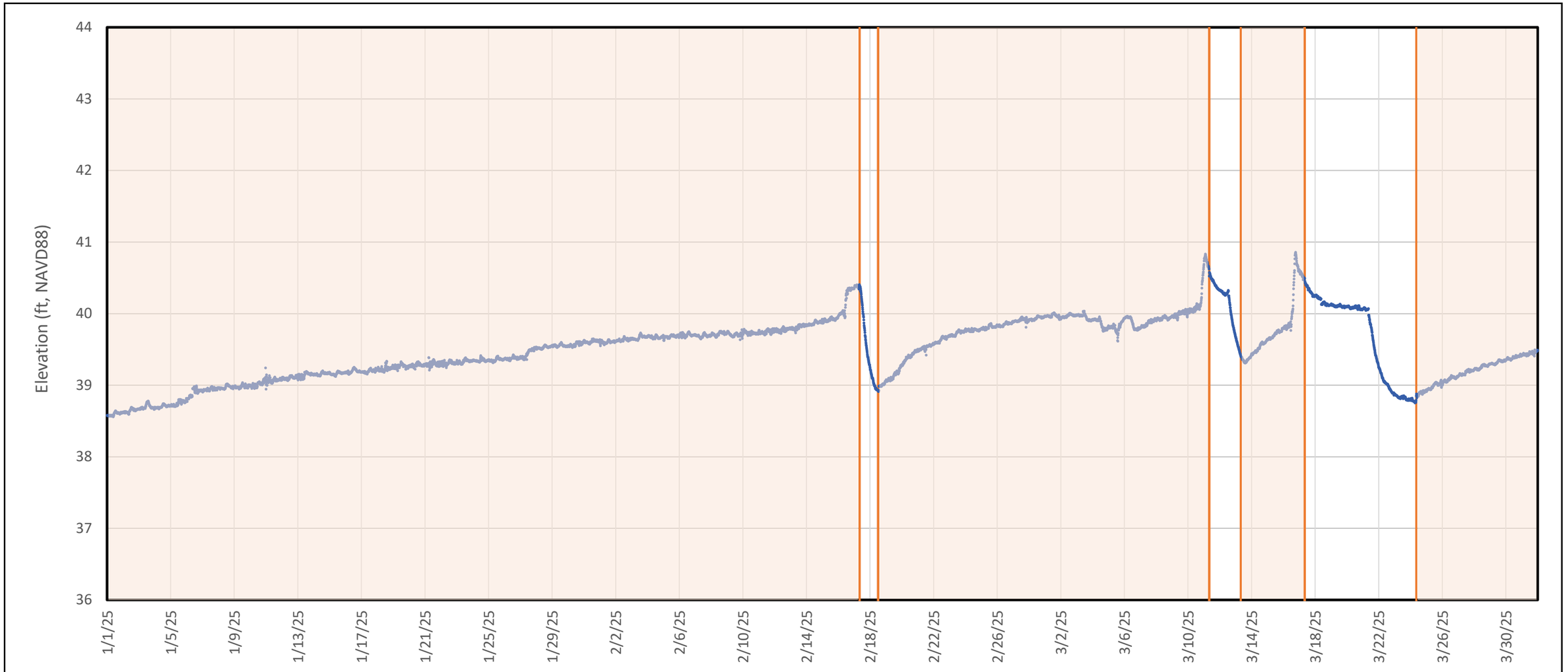
Figure B2-A



Legend

- Influent Chamber/Impoundment Elevation
- 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

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Fayetteville, North Carolina

Geosyntec consultants

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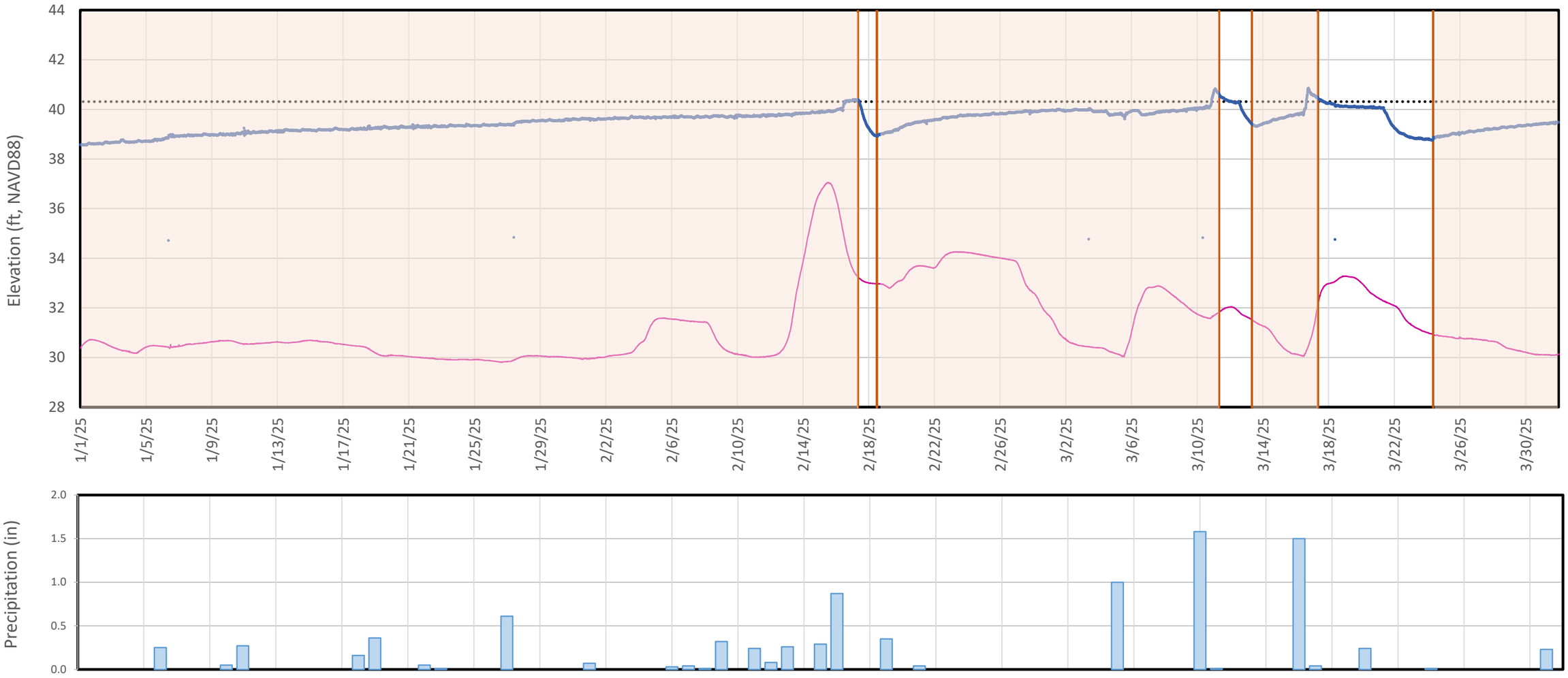
Figure B3-A



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. For March 24-31, 2025, precipitation data 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.
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

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Fayetteville, North Carolina

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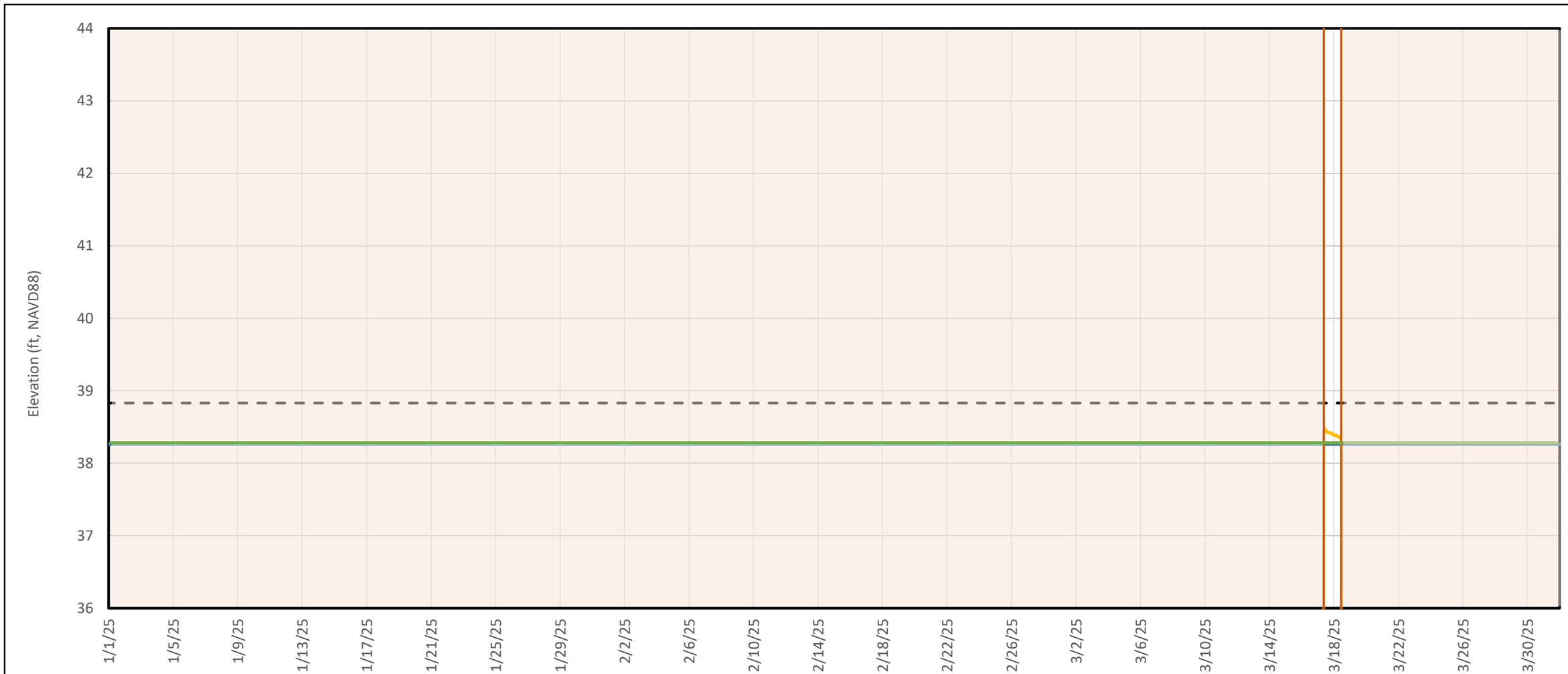
Figure B4-A



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.

Discharge Basin Water Elevation - Seep B

Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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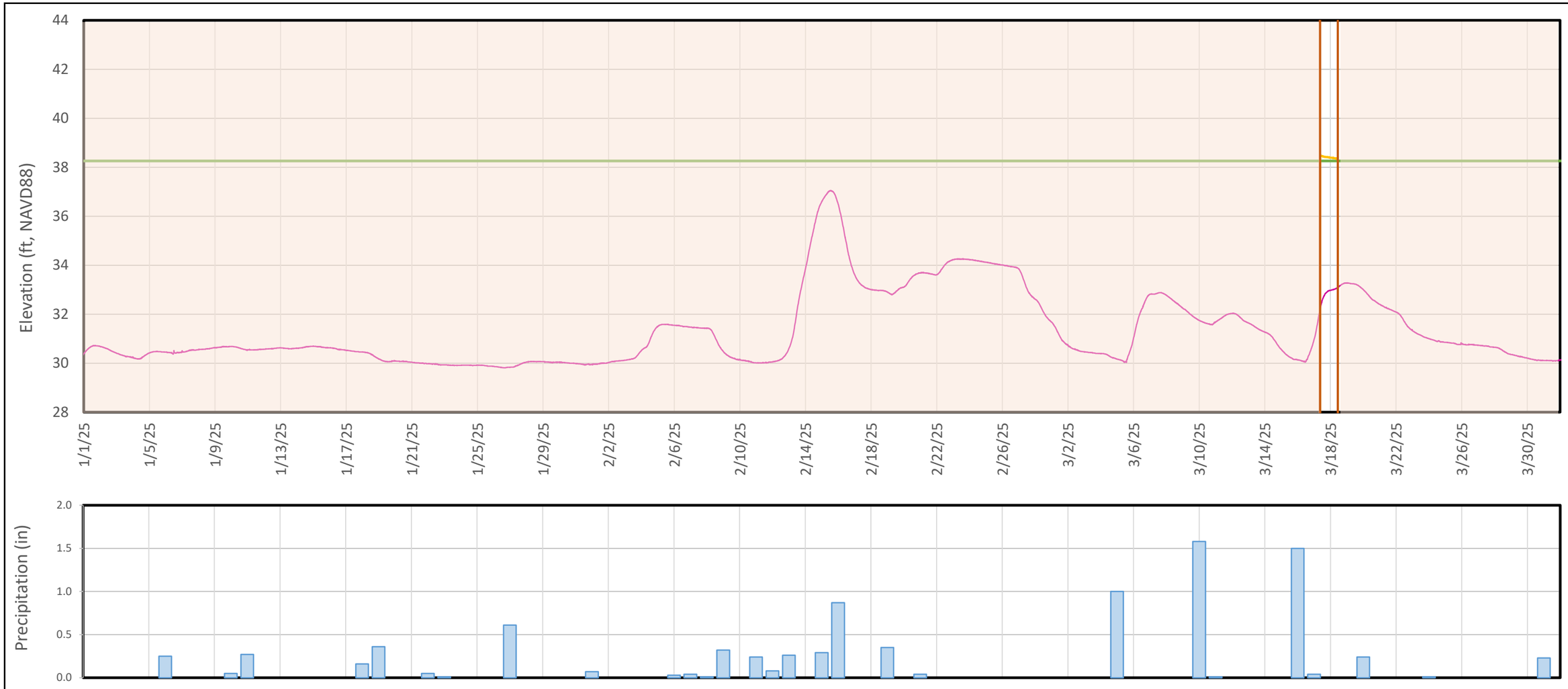
Figure B1-B



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. For March 24-31, 2025, precipitation data 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.
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

Geosyntec consultants

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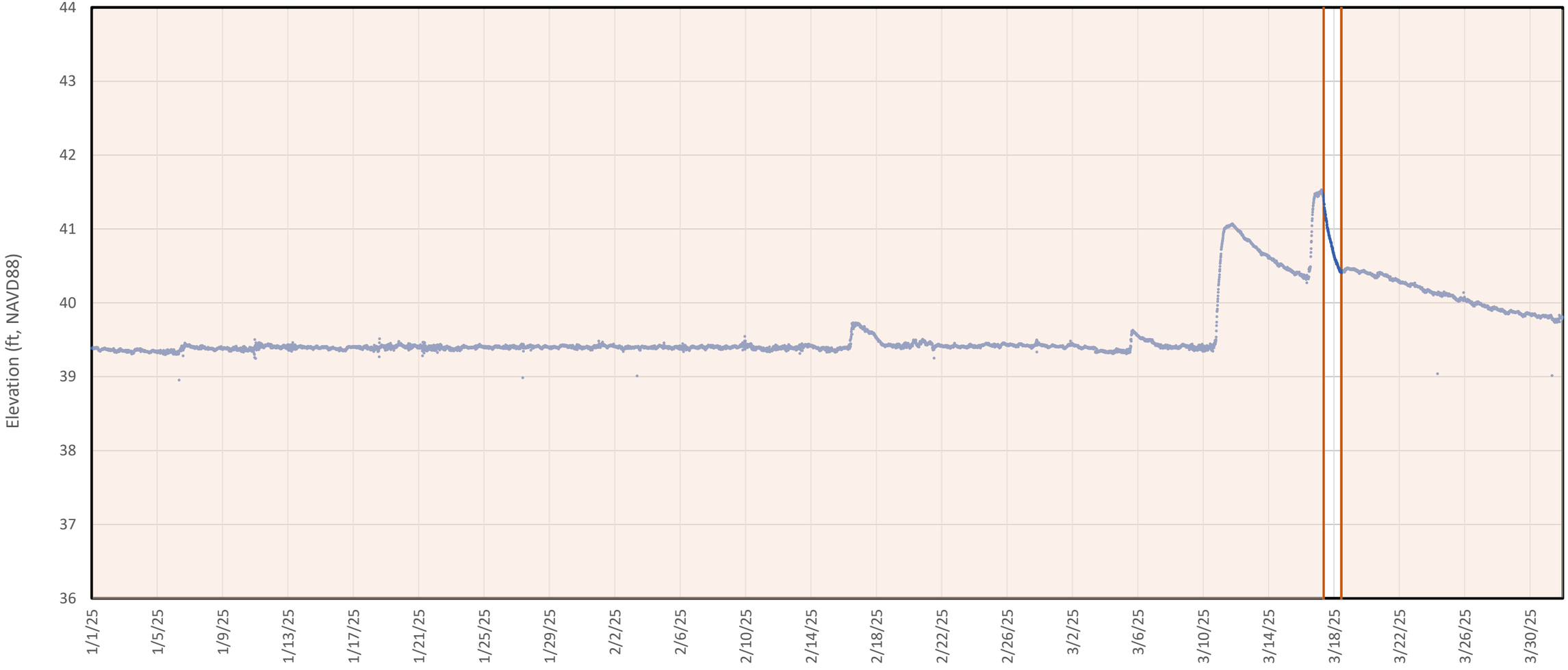
Figure B2-B



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

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Fayetteville, North Carolina

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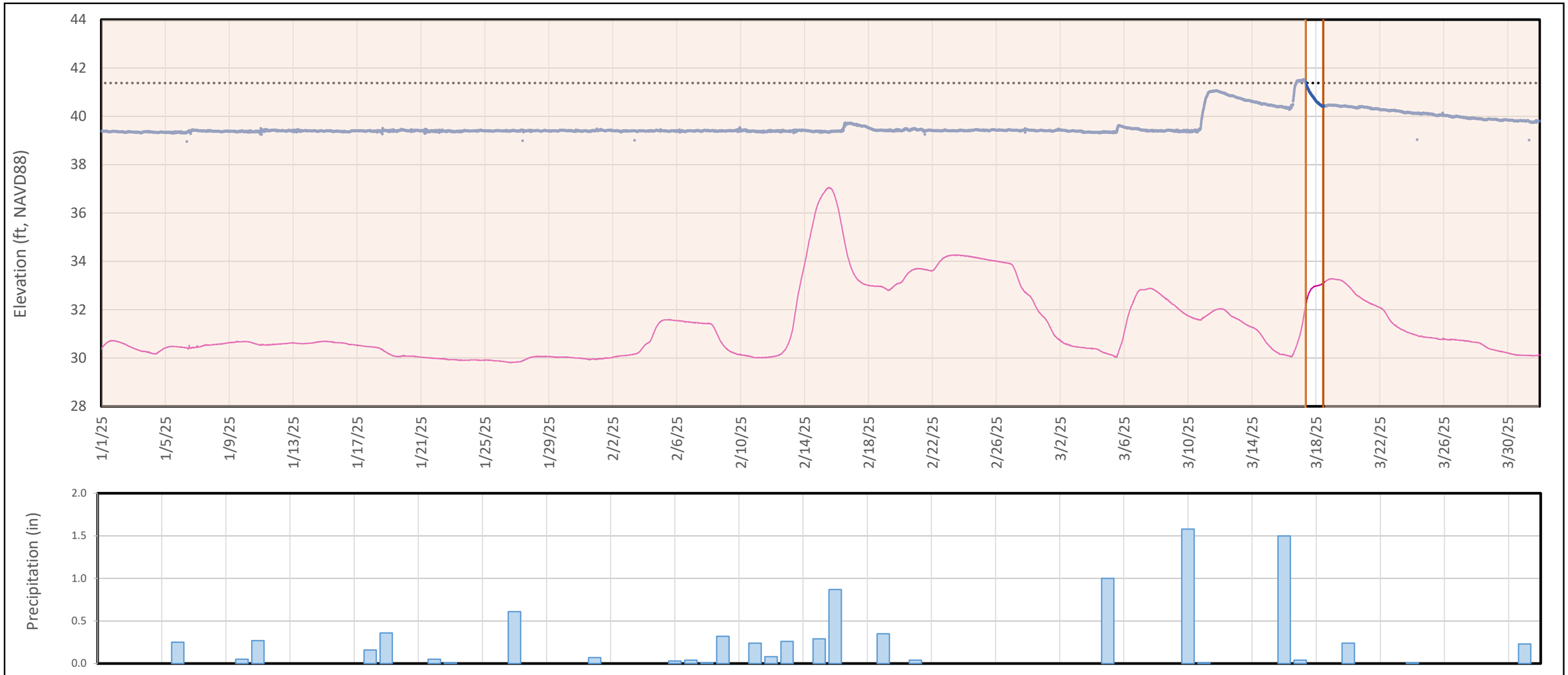
Figure B3-B



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. For March 24-31, 2025, precipitation data 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.
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

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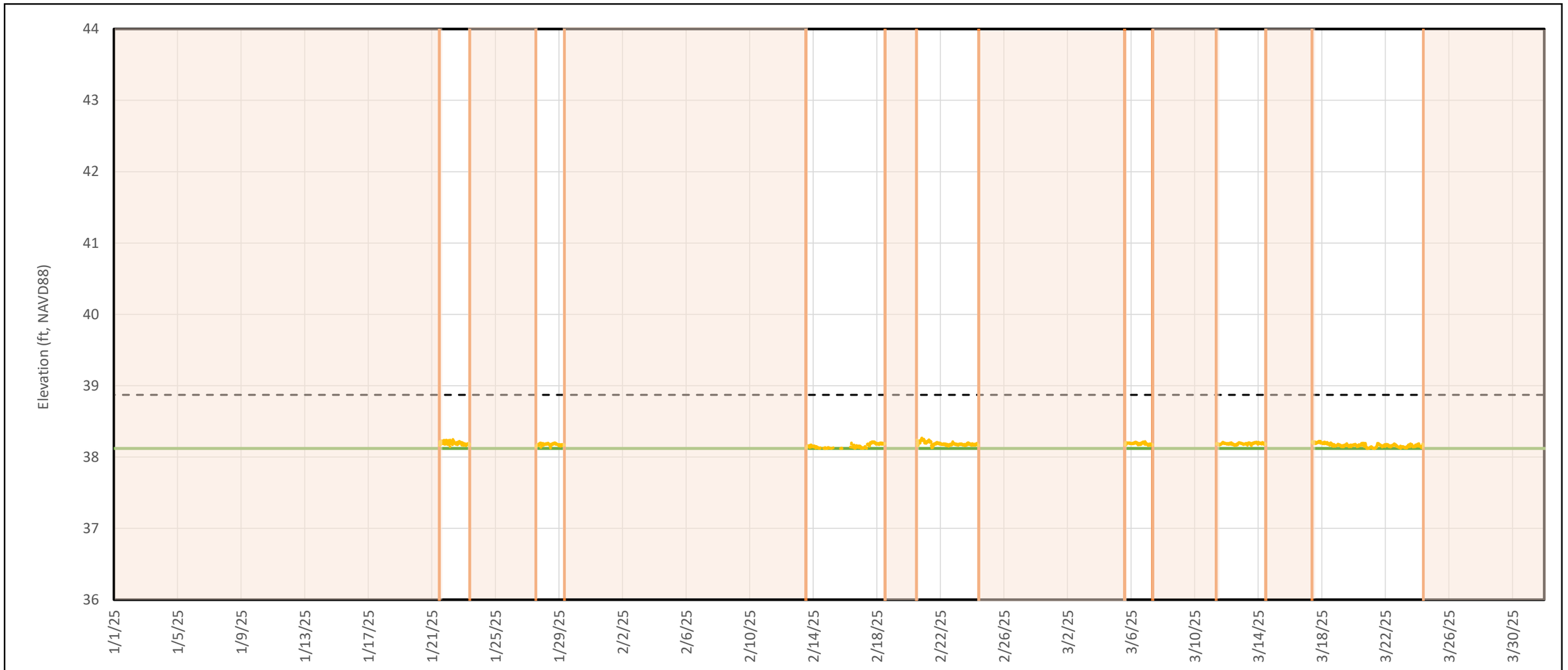
Figure B4-B



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

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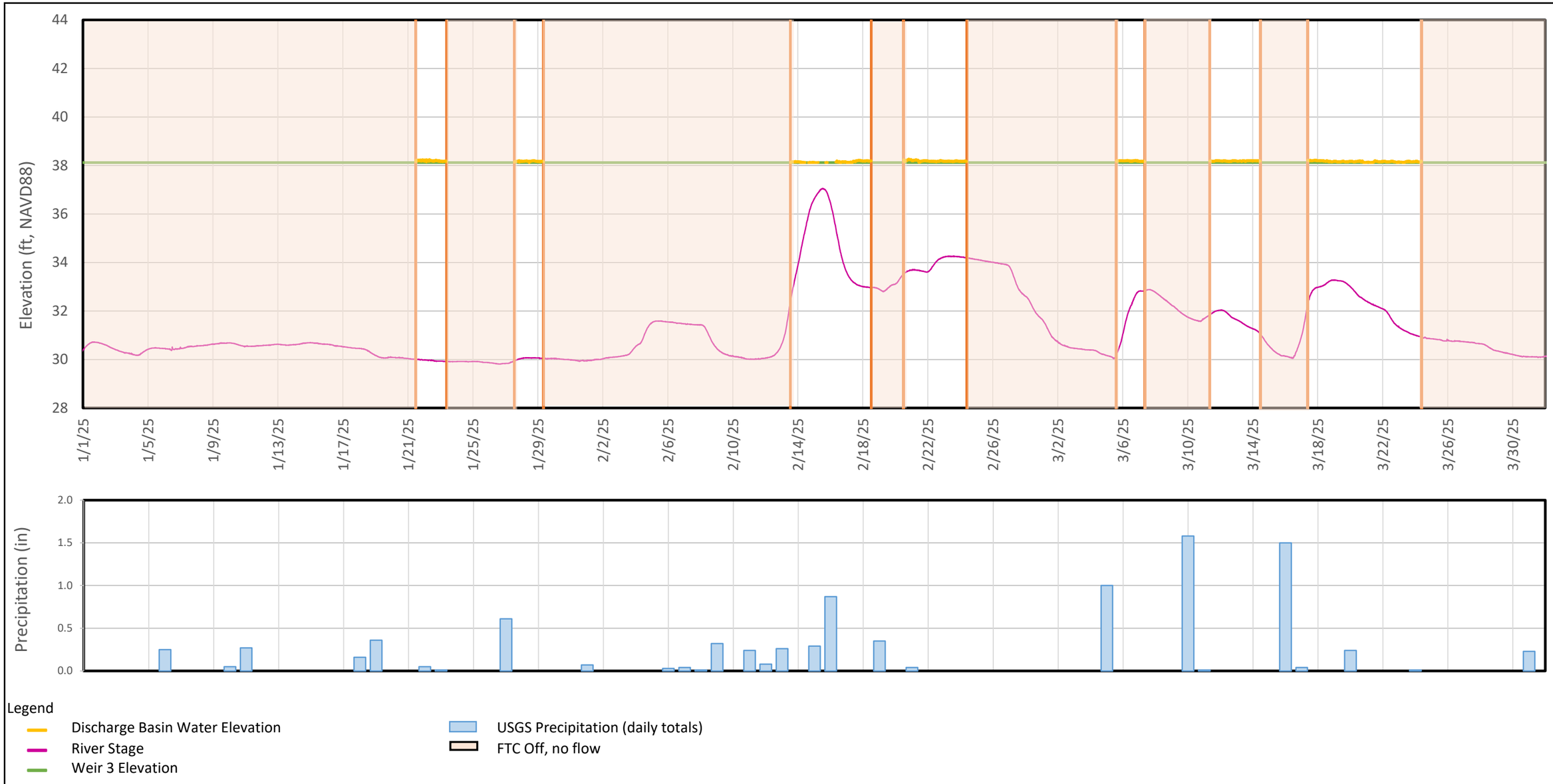
Figure B1-C



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. For March 24-31, 2025, precipitation data 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.
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
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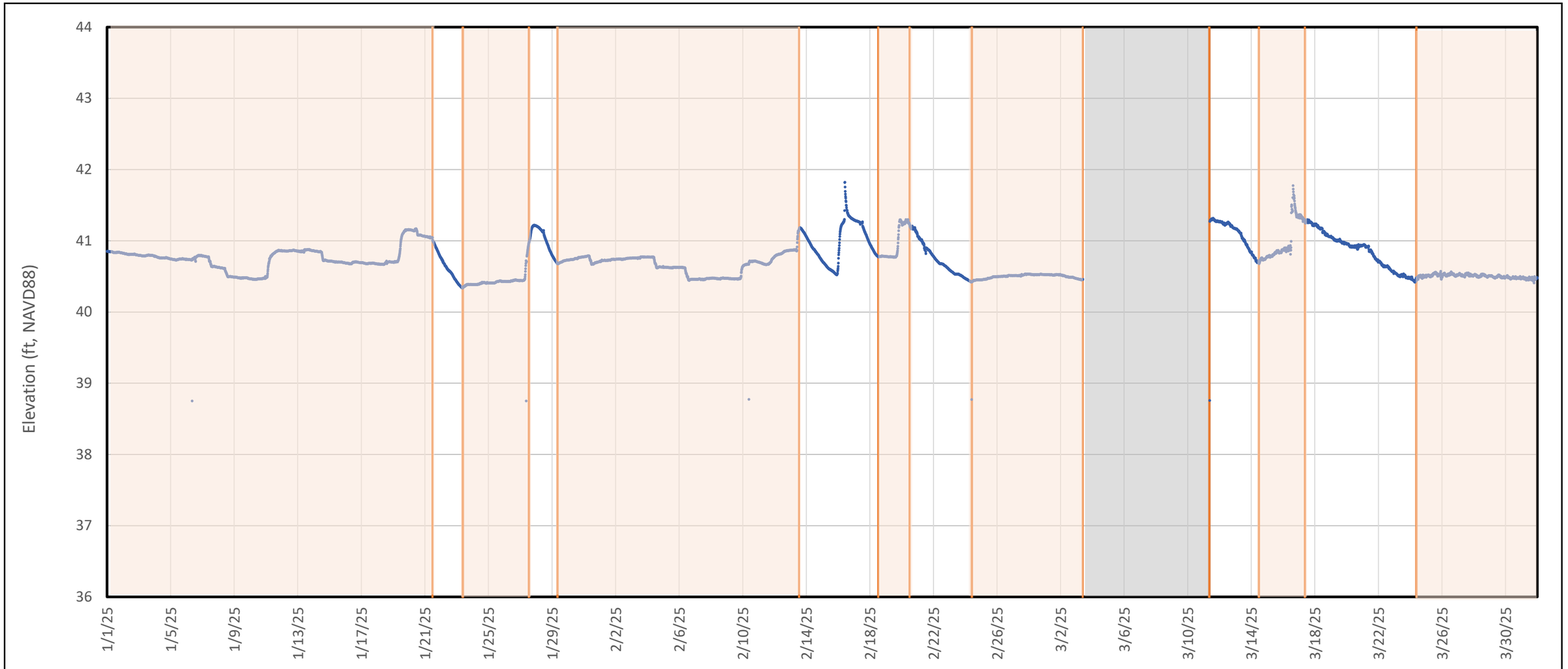
Figure B2-C



Legend

- Influent Chamber/Impoundment Elevation
- FTC Off, no flow
- Transducer Data Gap

Notes:

Seep C influent transducer data from March 2 through March 11, 2025 was not retrieved. Section 2.2 describes the gaps in transducer data record.
Figure B3-C 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 C

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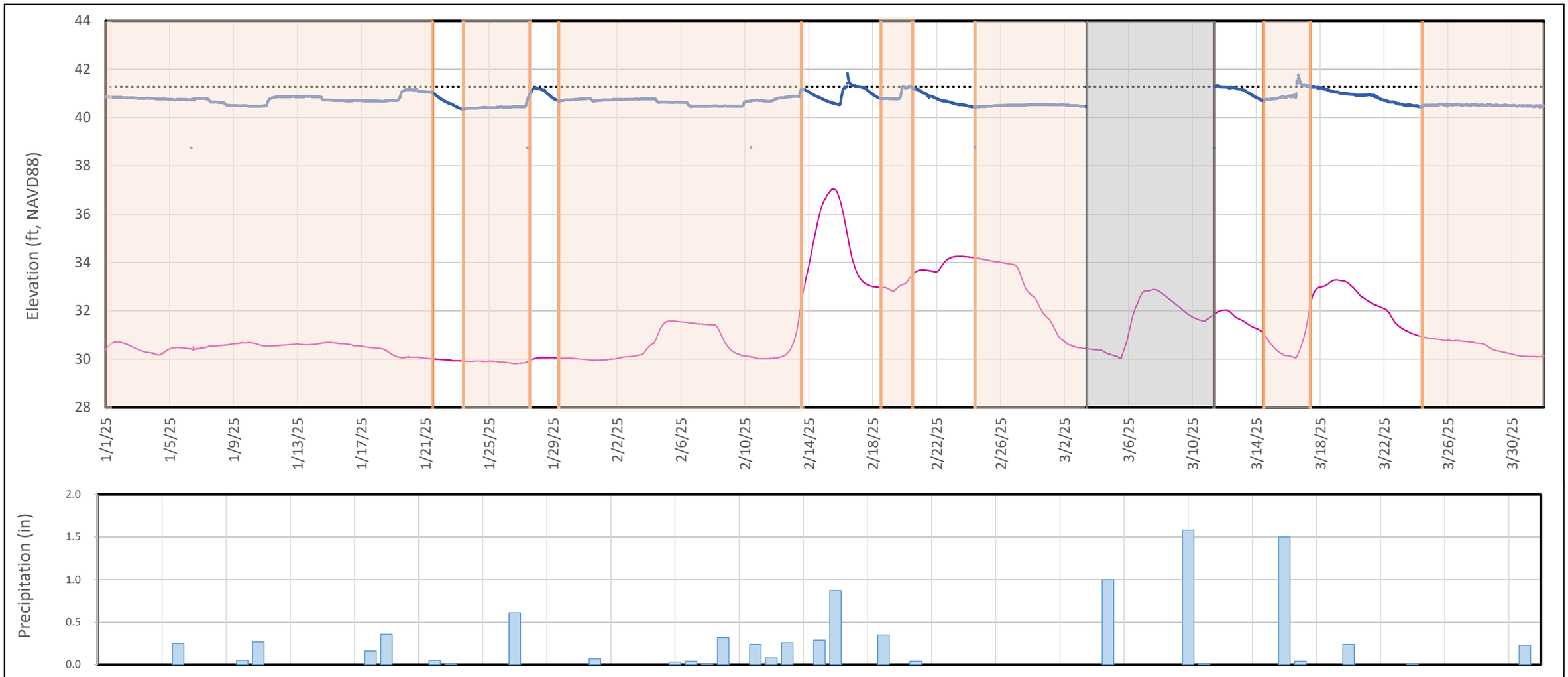
Figure B3-C



Legend

- Inlet Chamber Water Elevation
- River Stage
- Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- FTC Off, no flow
- Transducer Data Gap

Notes:

Seep C influent transducer data from March 2 through March 11, 2025 was not retrieved. Section 2.2 describes the gaps in transducer data record.
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. For March 24-31, 2025, precipitation data 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.
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

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Fayetteville, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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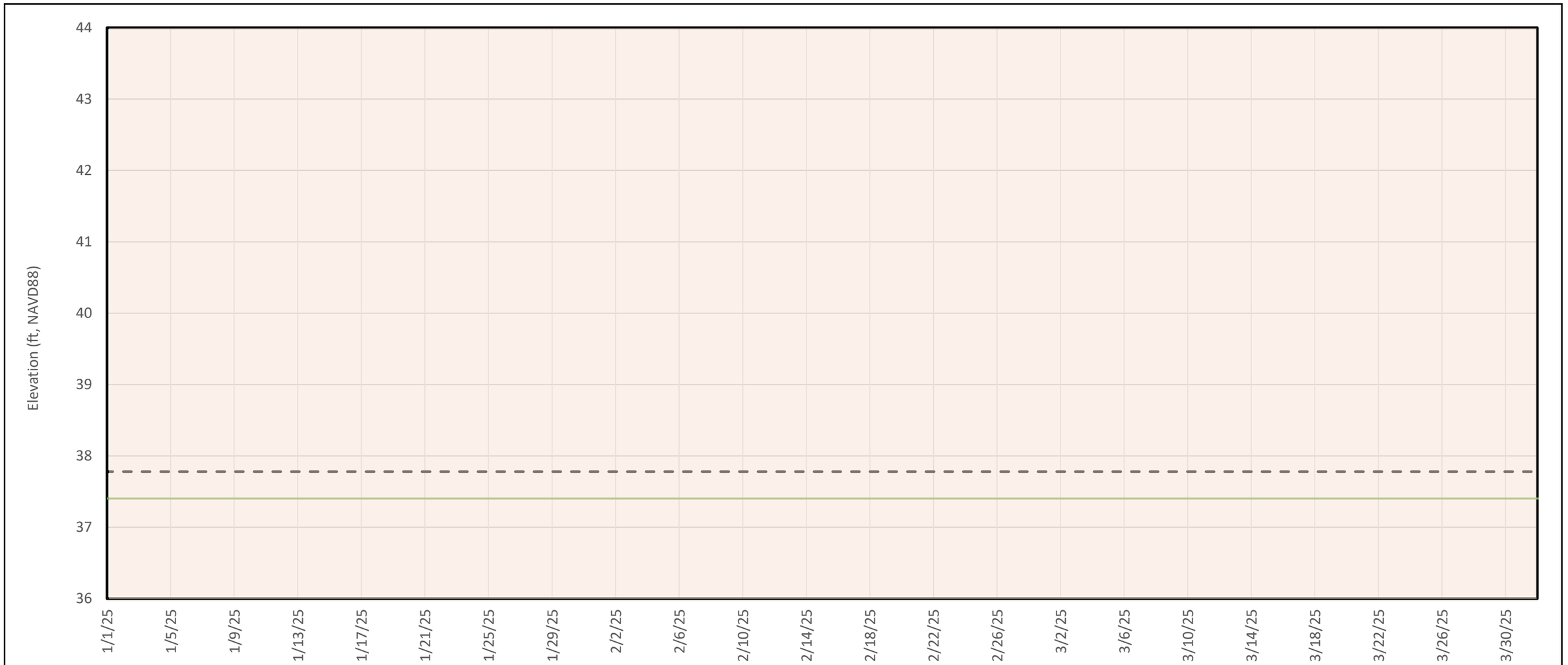
Figure B4-C



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.

Discharge Basin Water Elevation - Seep D

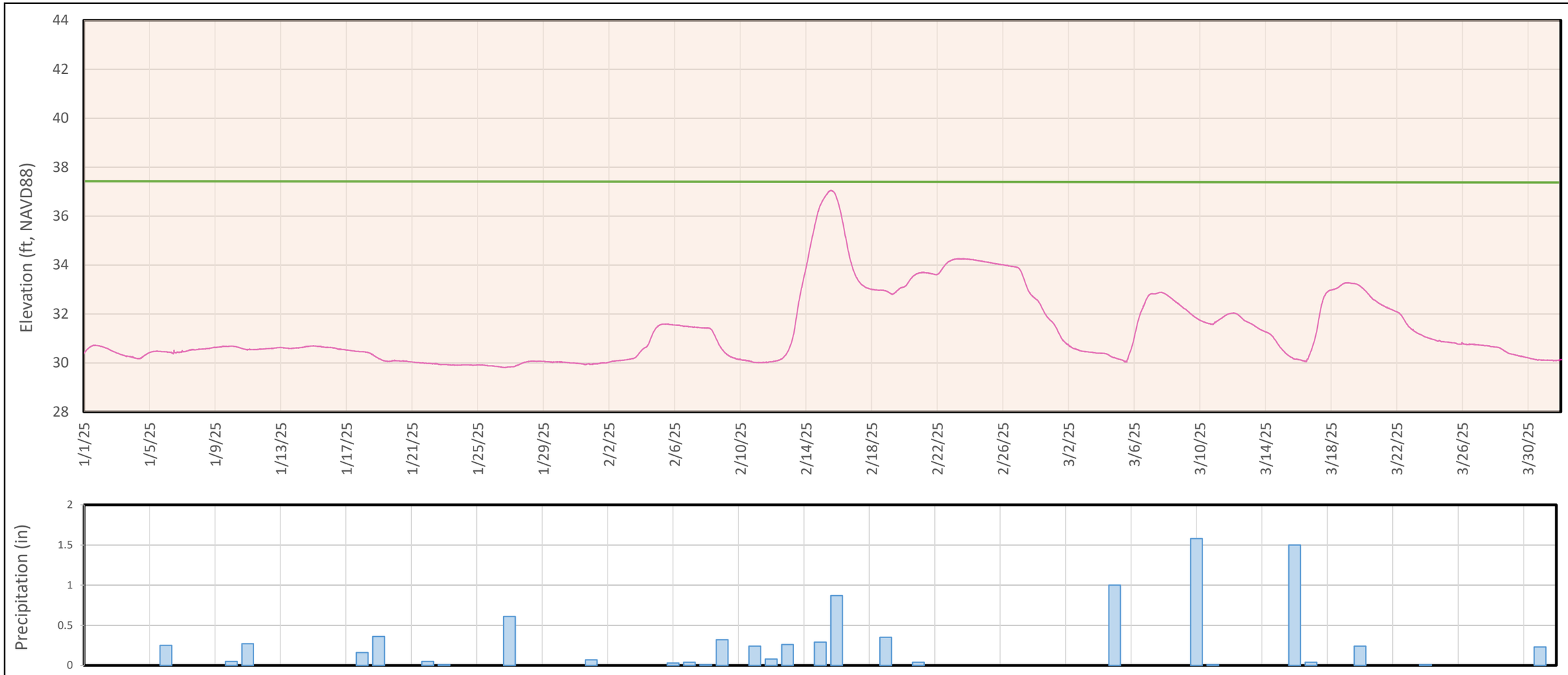
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 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. For March 24-31, 2025, precipitation data 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.
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

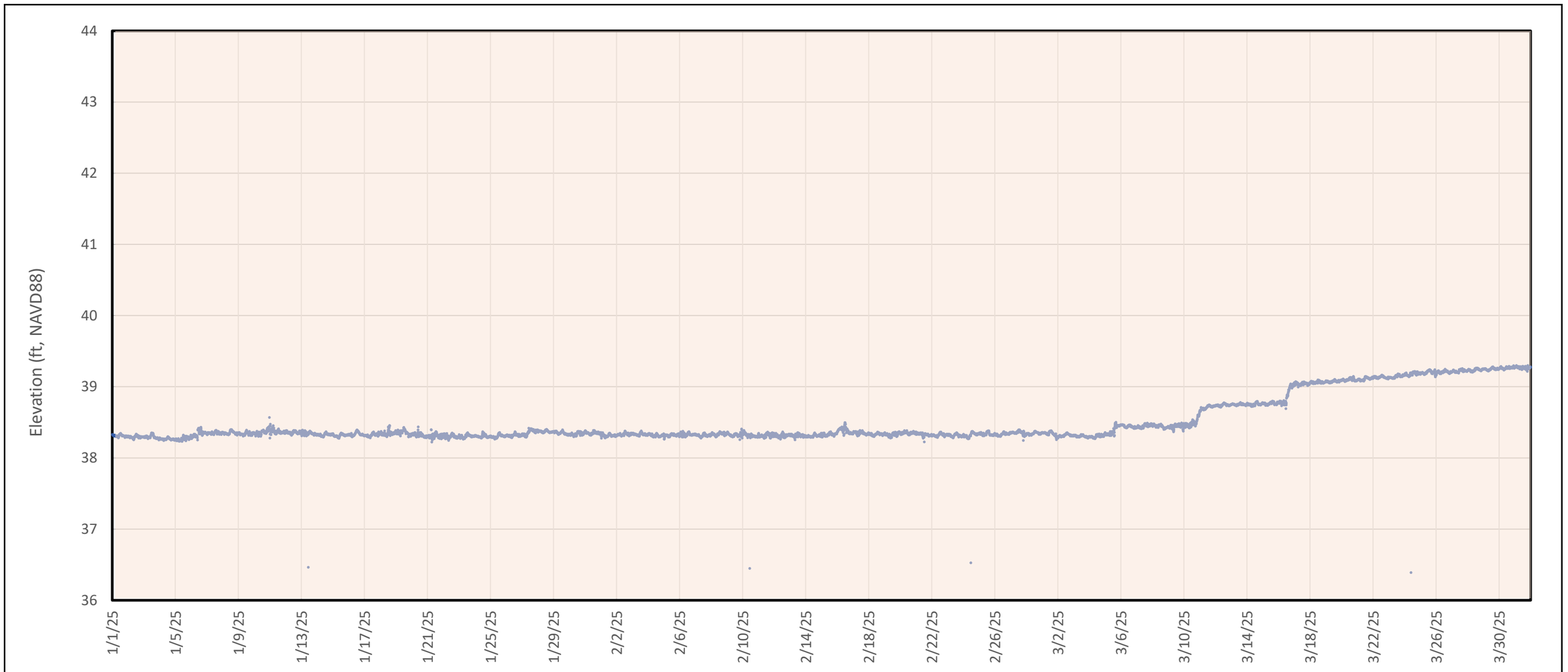
Chemours Fayetteville Works
Fayetteville, North Carolina

Geosyntec consultants

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

Raleigh, NC | June 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 consultants

Geosyntec Consultants of NC, P.C.
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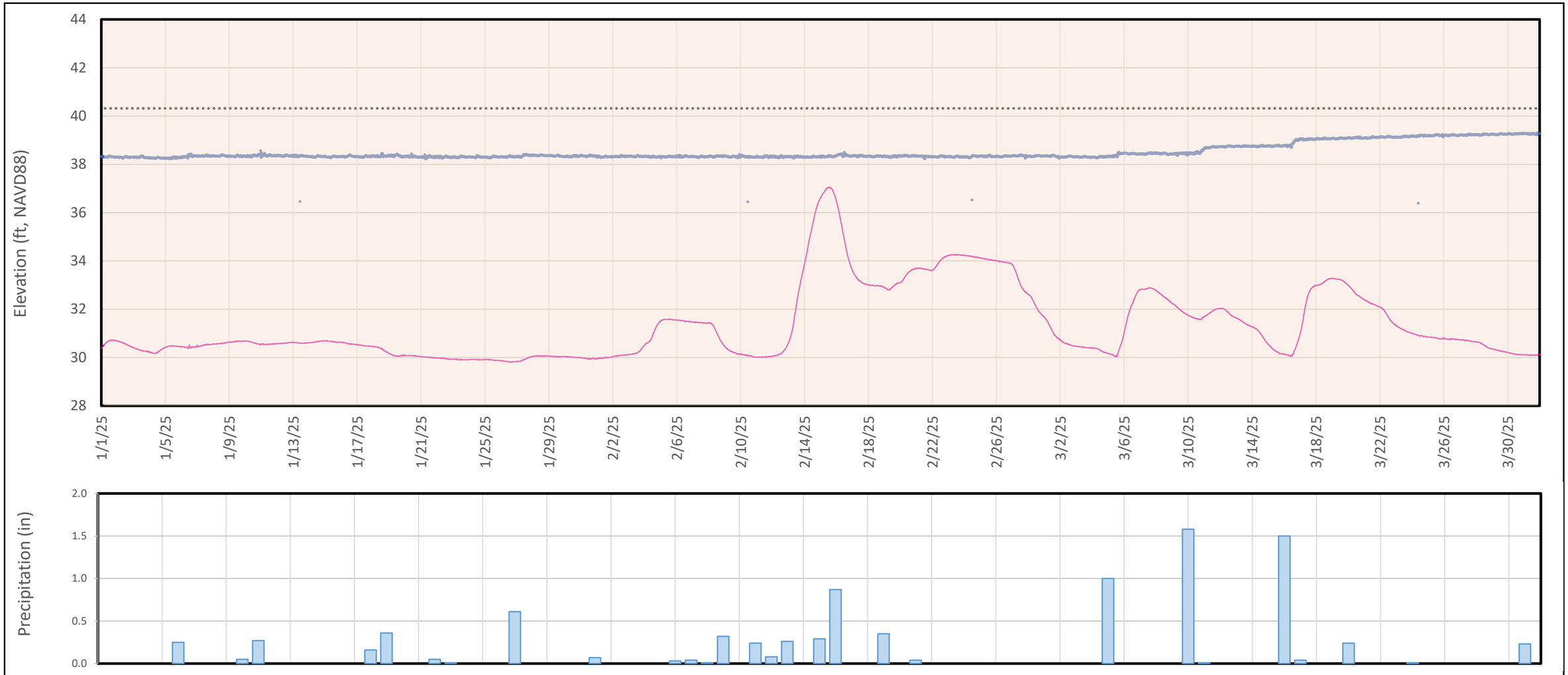
Raleigh, NC | June 2025

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. For March 24-31, 2025, precipitation data 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.
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.
NC License No.: C 3500 and C 295

Raleigh, NC | June 2025

Figure B4-D

Geosyntec consultants

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

Appendix C
Willis Creek Tributary Flow Monitoring

Geosyntec consultants

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

2501 Blue Ridge Road, Suite 430
Raleigh, NC 27607
PH: 919.870.0576
FAX: 919-870-0578
www.geosyntec.com

Memorandum

Date: June 23, 2025

To: The Chemours Company FC, LLC

From: Geosyntec Consultants of NC, P.C.

Subject: **Willis Creek Tributary Flow Monitoring**

INTRODUCTION AND OBJECTIVES

Geosyntec Consultants of NC, P.C. (Geosyntec) prepared this memorandum for The Chemours Company FC, LLC (Chemours) regarding the Fayetteville Works facility in Bladen County, North Carolina (the Site). The purpose of this memorandum is to present the methods and describe the findings of the flow evaluation activities conducted at the Willis Creek Tributary seep during the first two years of the barrier wall system operation. The Conditional Approval of the 90% Design of the Groundwater Extraction and Barrier Wall Remedy required the collection of representative flows of seeps and weeps, both upgradient and downgradient of the barrier wall at a minimum every eight weeks for the first two years of the barrier wall system operation. The Conditional Approval letter specified measurement at specific locations downgradient of the wall at locations DP14, DP11, south of DP10, DP05, DP03, and DP02 (Figure 2, Waters of the U.S. Findings Report, Geosyntec, October 2020). Locations DP11, south of DP10, DP05, DP03, and DP02 are each captured by the downgradient Flow Through Cells (FTCs) A, B, C, and D for which flows are measured using flow totalizers as discussed in Section 2 of the PMP #9 Report.

At location DP14, identified herein as the Willis Creek Tributary Seep shown in Figure 1-1 of PMP Report #9, flow upgradient of the groundwater remedy system is monitored by the Ex-Situ Capture System flow totalizer, and flow downgradient of the groundwater remedy is monitored by a flume installed approximately 100 feet (ft) downgradient of the Ex-Situ Capture System basin since March 2023. The recorded flow rates at the Willis Creek Tributary were lower and flow was more intermittent in the months following the installation and commissioning of the Ex-Situ Capture System in April 2023. The following sections include a description of the field measurement methodology and a summary of the flow rates measured at the Willis Creek Tributary Seep during the evaluation period.

Flow Gauging Methodology

To facilitate the evaluation of dry weather versus wet weather flow conditions at the Willis Creek Tributary Seep, Chemours collected flow measurements at a greater frequency than the minimum required once every eight weeks.

Flow Measurement Equipment

In March 2023, Parsons installed an extra-large trapezoidal flume in the Willis Creek Tributary channel approximately 100 ft downgradient of the ex-situ capture basin. The flume has a calibrated flow range of 0.4 to 694.7 gallons per minute (gpm). The flume is equipped with a stilling well in which Parsons placed a level logger pressure transducer (Solinst Levelogger® 5) programmed to record depth of water measurements every fifteen minutes. The data from the transducer was downloaded approximately every eight weeks, compensated for barometric pressure, screened to remove unreliable data, and processed to determine the depth of water in the flume. The depth data were then used to estimate the flow rates through the flume. Flow rates of water through a flume are estimated by recording the depth of water in the flume and converting this depth into a flow rate using a conversion formula based on the known geometry of the flume.

The flume was periodically maintained and/or repaired to correct for observed flow bypass around the flume or buildup of sediment in and around the flume, which would result in biased measurements. Maintenance activities included checking the condition of the wing walls of the flume and cleaning out of accumulated sediment.

Flow Data Screening Process

Processed flow data was screened against precipitation data obtained from the United States Geological Survey (USGS) W.O. Huske Dam (gauge 02105500). Seep flows during and 24 hours after recorded precipitation events were classified depending on the magnitude of recorded precipitation in the 24-hour period (≤ 0.5 inches or > 0.5 inches). Each flow measurement was then classified as dry weather (no precipitation), wet (≤ 0.5 inches), and very wet (> 0.5 inches).

Unreliable data were removed from the data set from the flume after each download. Unreliable data included when (i) the flume was inundated by elevated Willis Creek water levels, and (ii) negative water depth measurements were recorded.

Inundation by Willis Creek causes the transducer to record an increased depth reading, and consequently higher calculated flows, which are often much greater than the range capacity of the flume. Data collected while the flume was inundated was removed by screening the transducer data against the calculated Cape Fear River elevation. When the Cape Fear River was greater than 35 ft mean sea level, Willis Creek was observed to back up over the deployed flume.

Negative water depth readings, while uncommon, were recorded and are likely associated with either dry conditions or a partial blockage in the transducer instrumentation port. Negative values were removed from the data sets.

Flow Evaluation Results

The calculated flow rate, estimated flow volume, precipitation, weather designation, and periods of inundation for each 15-minute interval during the two-year monitoring period is provided in Attachment A. A summary of the recorded monthly precipitation total and calculated monthly average dry weather, wet, and very wet condition flow rates and is provided in the following table:

Date	Monthly Precipitation Total (inches)	Average Dry Weather Flow (gpm)	Average Wet (≤0.5 inches) flow (gpm)	Average Very Wet (>0.5 inches) Flow (gpm)
March-23	2.54	1.78	3.94	14.91
April-23	4.66	1.57	3.88	11.86
May-23	1.63	1.00	2.44	4.38
June-23	5.27	1.67	3.46	7.99
July-23	4.93	0.38	3.93	8.61
August-23	7.22	1.50	3.65	16.81
September-23	2.26	4.04	6.68	5.08
October-23	0.80	1.83	2.86	7.86
November-23[1]	2.14	1.42	0.00	0.00
December-23	4.59	0.68	1.80	24.79
January-24	3.43	0.37	1.41	16.69
February-24	1.89	0.03	0.25	0.46
March-24	4.17	0.14	2.28	3.71
April-24	1.88	0.07	1.04	1.09
May-24	4.30	0.24	1.15	1.37
June-24	3.98	0.23	0.68	3.17
July-24	5.42	0.13	1.63	2.82
August-24	12.74	0.14	0.61	27.55
September-24	6.52	0.17	0.64	28.57
October-24	0.03	0.93	1.78	0.00
November-24	1.48	1.32	2.64	2.34
December-24	2.63	0.84	1.34	3.81
January-25	1.76	0.37	0.66	0.91
February-25	2.60	0.10	0.43	1.13
March-25	4.61	0.36	1.62	10.41

1. *Transducer malfunction in November 2023 resulted in calculated flow measurements for only 9 out of 31 days, during which no precipitation was recorded.*

The recorded monthly average dry weather flowrate of the Willis Creek Tributary Seep decreased throughout the two-year monitoring period, with significant, consistent decreases observed after November 2023. Recorded annual dry weather flow conditions for the Willis Creek Tributary Seep are presented below:

- From March 2023 to December 2023, monthly average dry weather flow rates ranged from 0.4 gpm in July 2023 to 4.0 gpm in September 2023, with an average dry weather flow rate of 1.6 gpm in 2023.
- In 2024 the monthly average dry weather flow rate ranged from less than 0.1 gpm in February 2024 to 1.3 gpm in November 2024, with an average dry weather flow rate of 0.4 gpm in 2024.
- From January 2025 to March 2025, dry weather flow rates have ranged from 0.1 gpm in February 2025 to 0.4 gpm in January 2025, with an average dry weather flow rate of 0.3 gpm in 2025.

During the approximate 25-month flowrate monitoring period of the Willis Creek Tributary Seep, monthly average dry weather flows were below the calibrated range of the flume (0.4 gpm) during 12 individual months. Months with average dry weather flow rates below 0.4 gpm occurred in 2024 and 2025. Data collected during the 25-month monitoring period indicates that the continued operation of the Ex-Situ capture system is reducing the dry weather flow in the Willis Creek Tributary Seep.

The estimated monthly annual flow volume for two years of monitoring for each of the locations specified in the 90% Design Conditional Approval letter is presented below. Flows at locations DP11, south of DP10, DP5, DP3, and DP2 are captured by the FTCs, so estimated flow volumes are represented in the FTC discharge volumes. The flow volume for the Willis Creek Tributary is estimated using flow measurements collected by a flume installed downgradient of the Willis Creek Tributary Ex-Situ Capture system as discussed in this memorandum.

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Monitoring Year	Date	Seep A (gallons)	Seep B (gallons)	Seep C (gallons)	Seep D (gallons)	Willis Creek Tributary Seep (gallons)	Precipitation (in)
2023	23-Mar	3,037,611	2,115,887	2,468,618	2,416,760	55,274	2.54
	23-Apr	2,832,024	1,652,450	1,569,470	1,165,505	90,354	4.66
	23-May	1,895,547	626,755	823,481	2,537,932	67,205	1.63
	23-Jun	2,638,285	1,996,276	1,163,211	1,878,903	127,728	5.27
	23-Jul	2,907,170	2,448,529	1,890,591	999,420	111,259	4.93
	23-Aug	1,682,032	1,166,503	789,531	203,269	170,006	7.22
	23-Sep	573,915	657,653	890,779	109,912	194,006	2.26
	23-Oct	0	0	327,015	0	93,007	0.80
	23-Nov	0	0	539,293	0	17,705	2.14
	23-Dec	736,414	1,438,837	1,724,289	180,460	95,722	4.59
2024	24-Jan	1,136,185	705,661	1,121,655	295,291	50,235	3.43
	24-Feb	455,939	374,734	548,217	50,497	2,386	1.89
	24-Mar	1,937,887	1,661,425	1,197,075	612,783	36,716	4.17
	24-Apr	106,327	0	218,817	79,655	12,412	1.88
	24-May	93,543	0	320,343	0	28,019	4.30
	24-Jun	0	0	11,178	0	20,808	3.98
	24-Jul	46,559	0	357,743	0	47,274	5.42
	24-Aug	342,805	196,708	518,895	602,558	146,339	12.74
	24-Sep	85,202	408,187	128,312	127,618	91,846	6.52
	24-Oct	0	0	0	17,519	34,203	0.03
	24-Nov	0	0	0	0	68,938	1.48
	24-Dec	178,289	0	198,767	0	45,905	2.63
2025	25-Jan	0	0	241,654	0	20,541	1.76
	25-Feb	232,236	0	351,049	0	9,762	2.60
	25-Mar	947,464	261,795	534,038	0	62,591	4.61

1 – Location DP11 and DP10 is captured by the Seep A FTC.

2 – Location DP05 is captured by the Seep B FTC

3 – Location DP03 is captured by the Seep C FTC

4 – Location DP02 is captured by the Seep D FTC

REFERENCES

Geosyntec, 2020. Waters of the U.S. Findings Report. Chemours Fayetteville Works. October 2020.

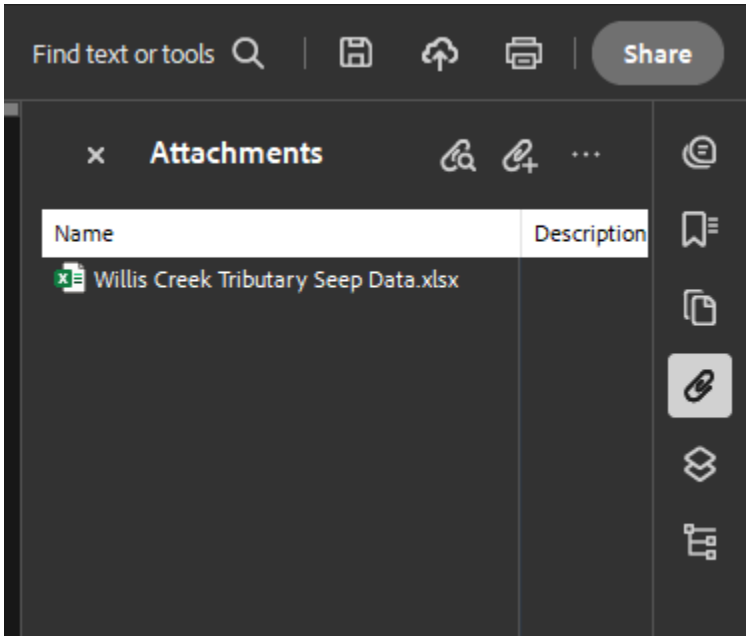
* * * * *

Encl.

Attachments Attachment 1: Willis Creek Tributary Data

Attachment 1
Willis Creek Tributary Data

The Willis Creek Tributary Data is provided as a linked attachment to this memorandum document and can be accessed in the Adobe Acrobat viewer as shown below:



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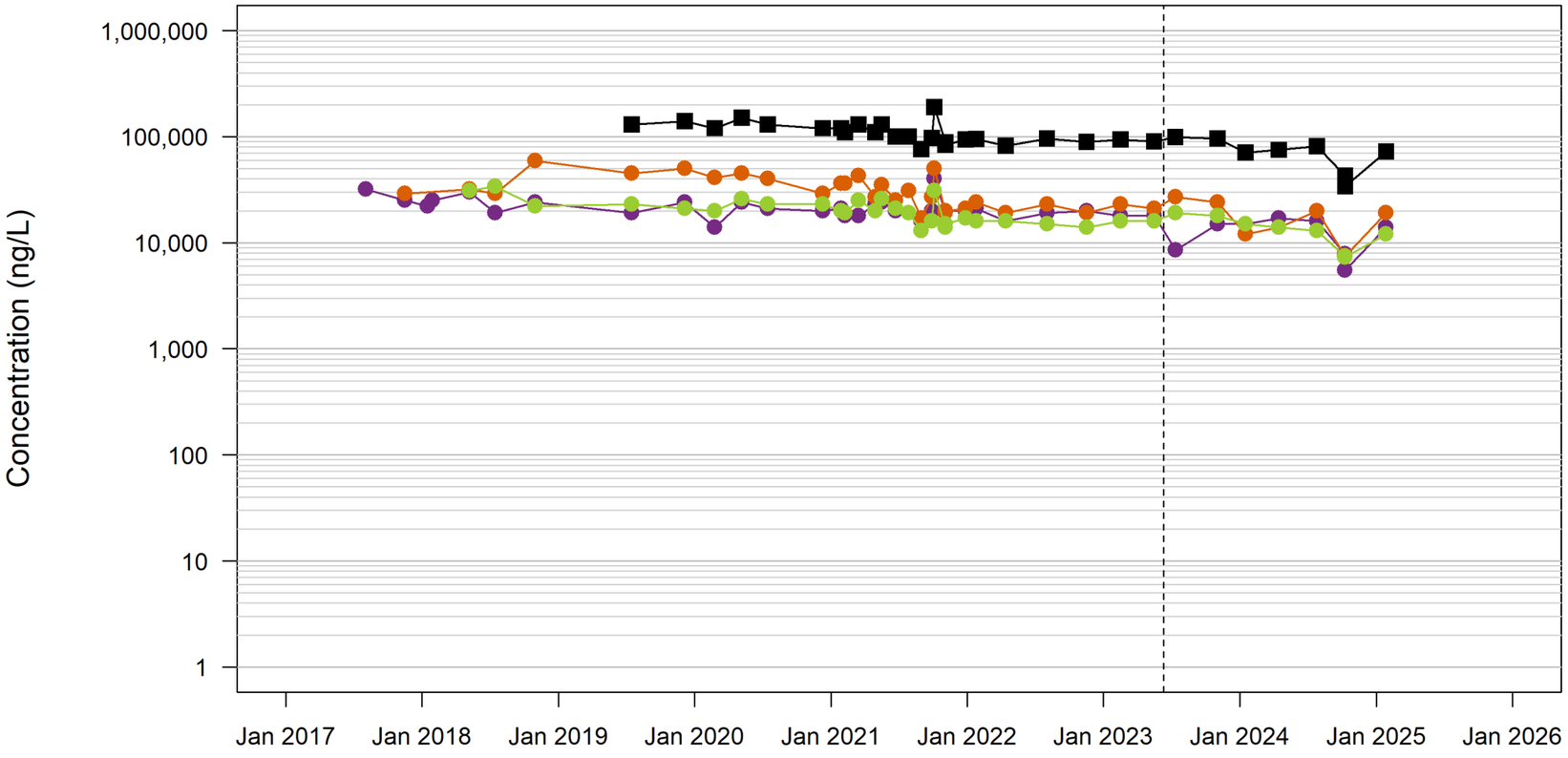
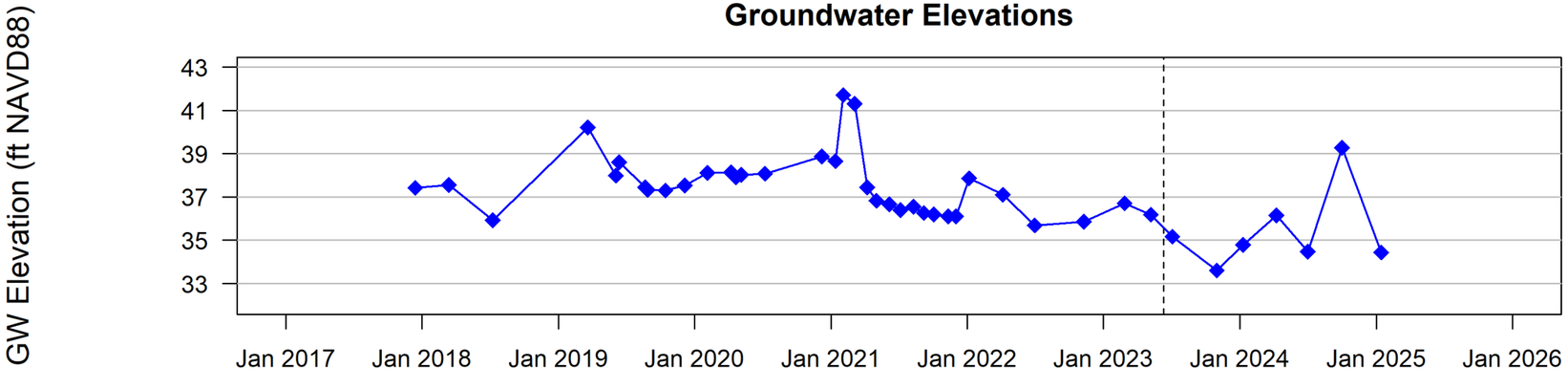
Appendix D
Time Trends in Downgradient Monitoring Wells

Table 3+ Analytical Results



Groundwater Elevations



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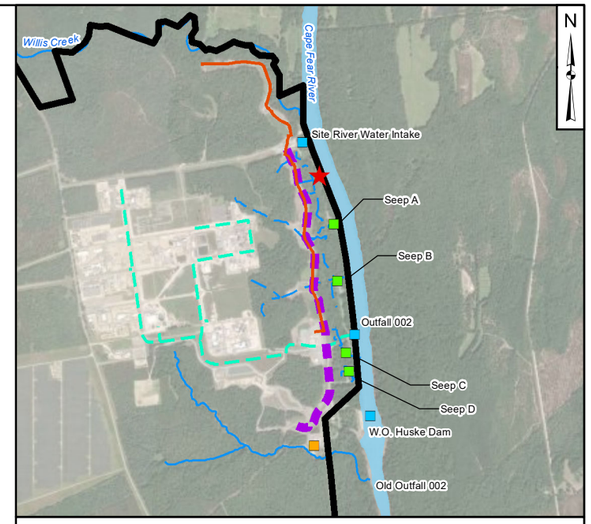
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



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

200 100 0 200 Feet

Time Trends at LTW-01 (Floodplain Deposits)

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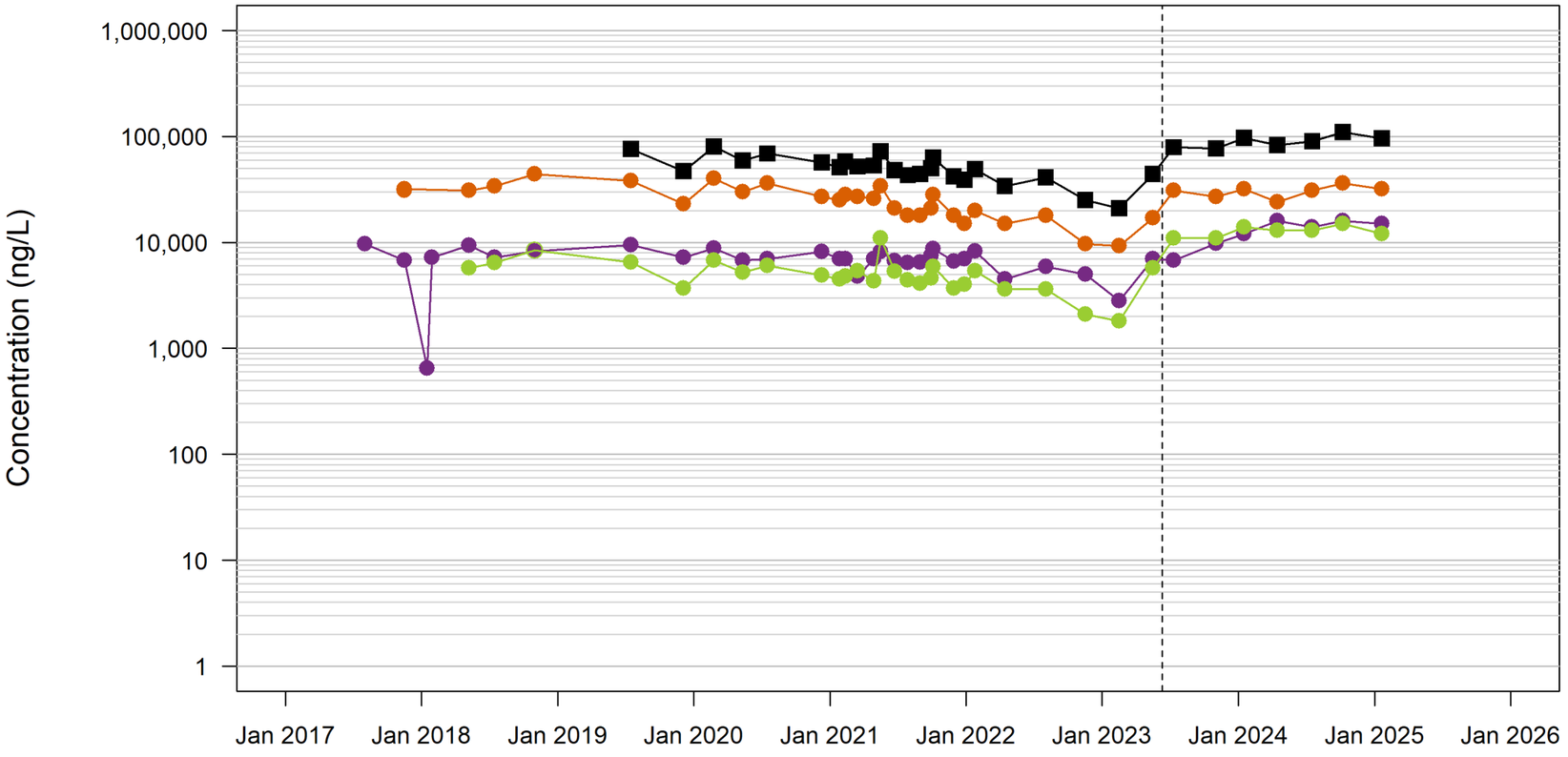
Figure **C.1**

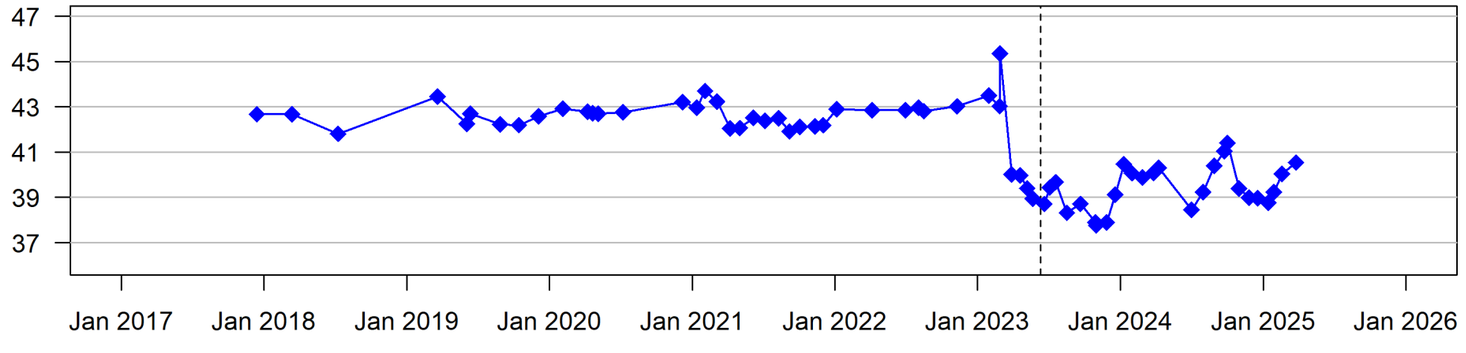
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

Table 3+ Analytical Results



Groundwater Elevations



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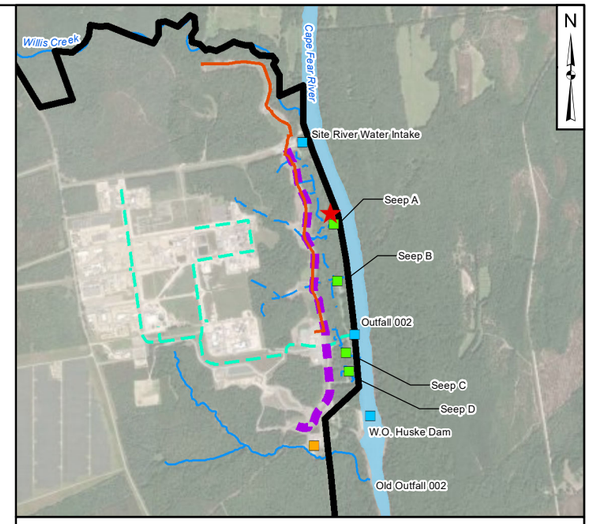
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



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

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

200 100 0 200 Feet

Time Trends at LTW-02 (Black Creek Aquifer)

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Figure **C.2**

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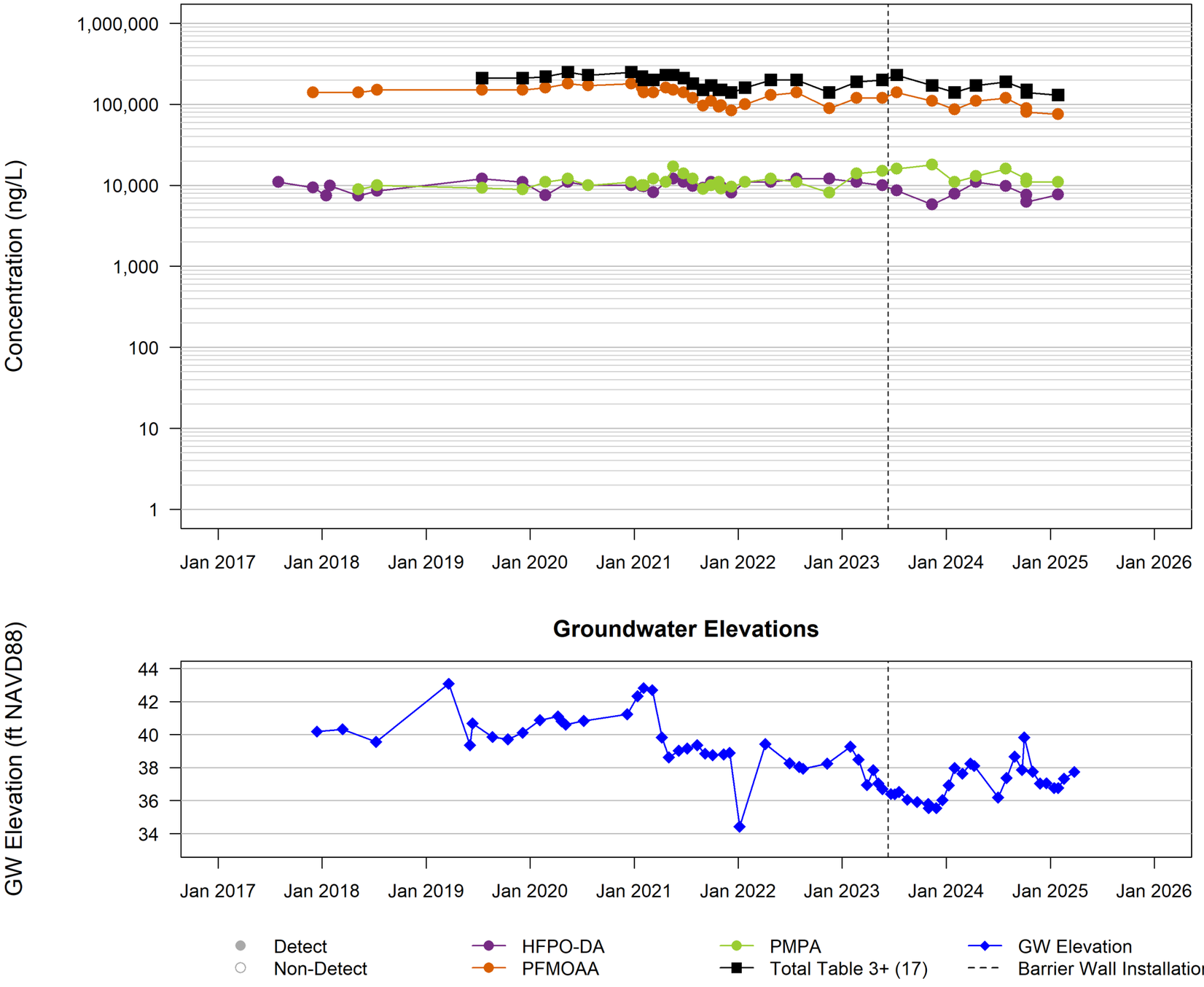
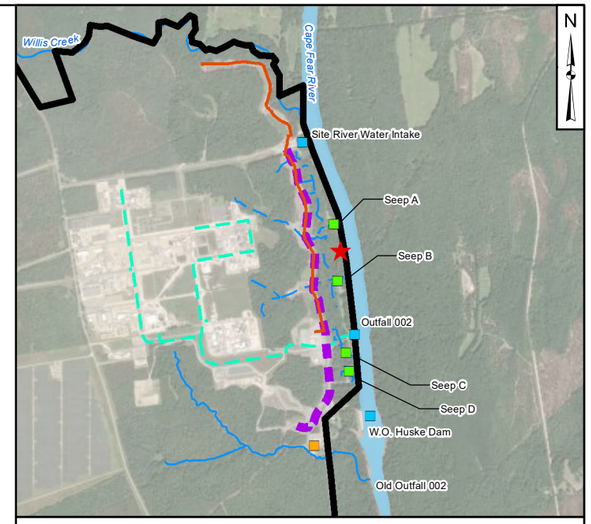
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results





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

200 100 0 200 Feet

Time Trends at LTW-03 (Floodplain Deposits)

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Figure **C.3**

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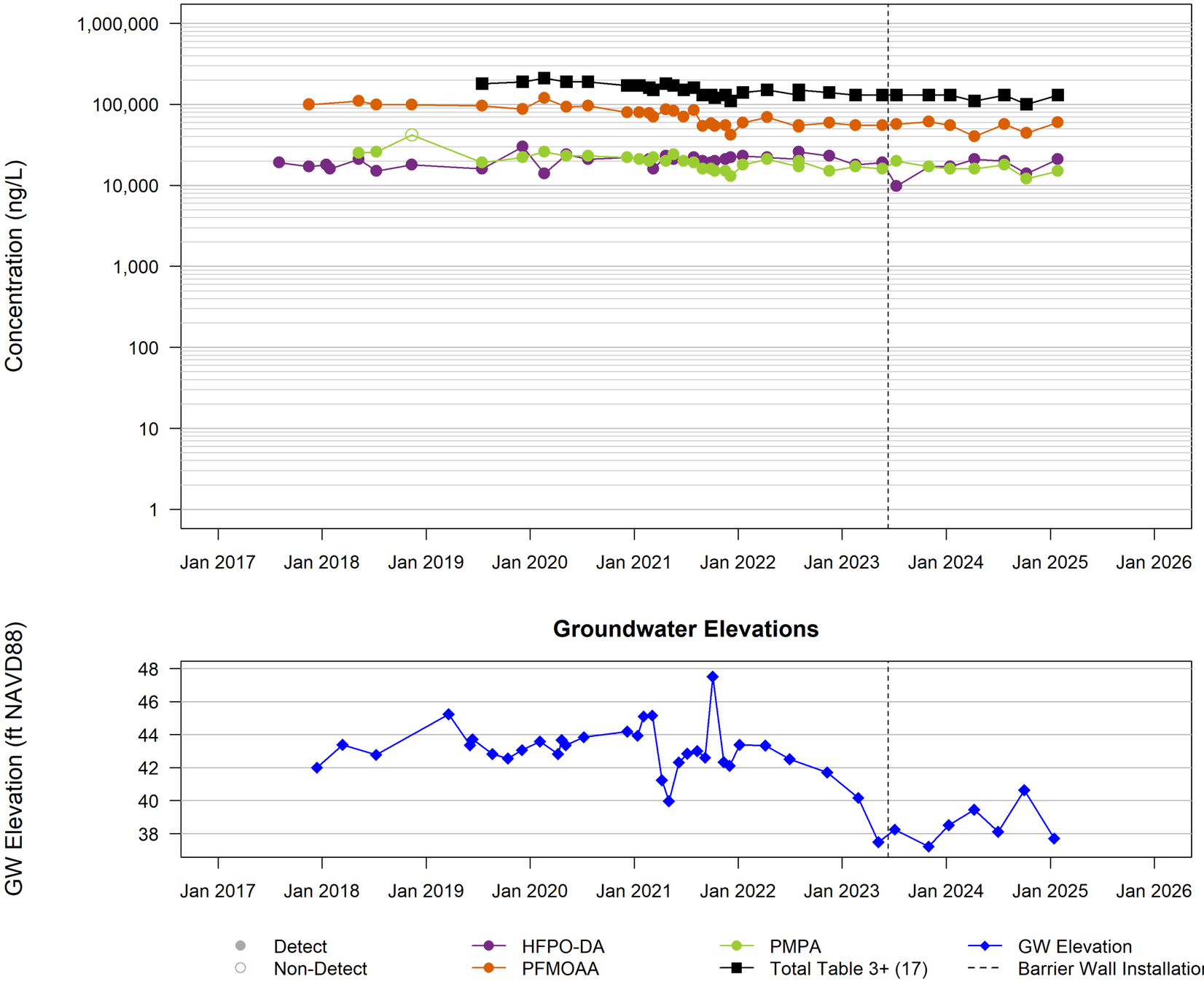
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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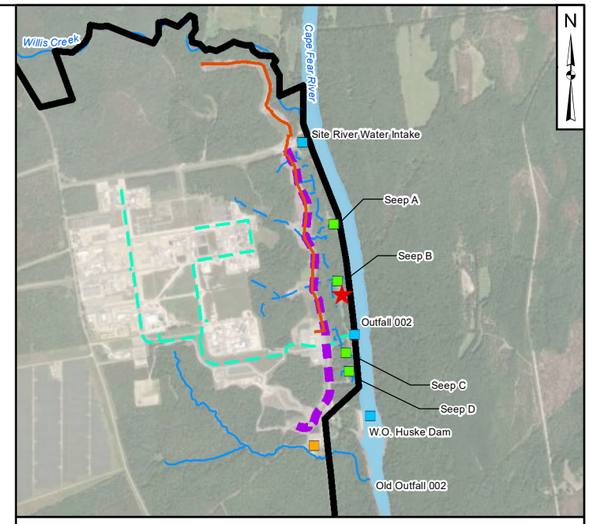
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



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:
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ft - feet
ng/L - nanograms per liter
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at LTW-04 (Floodplain Deposits)

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Figure **C.4**

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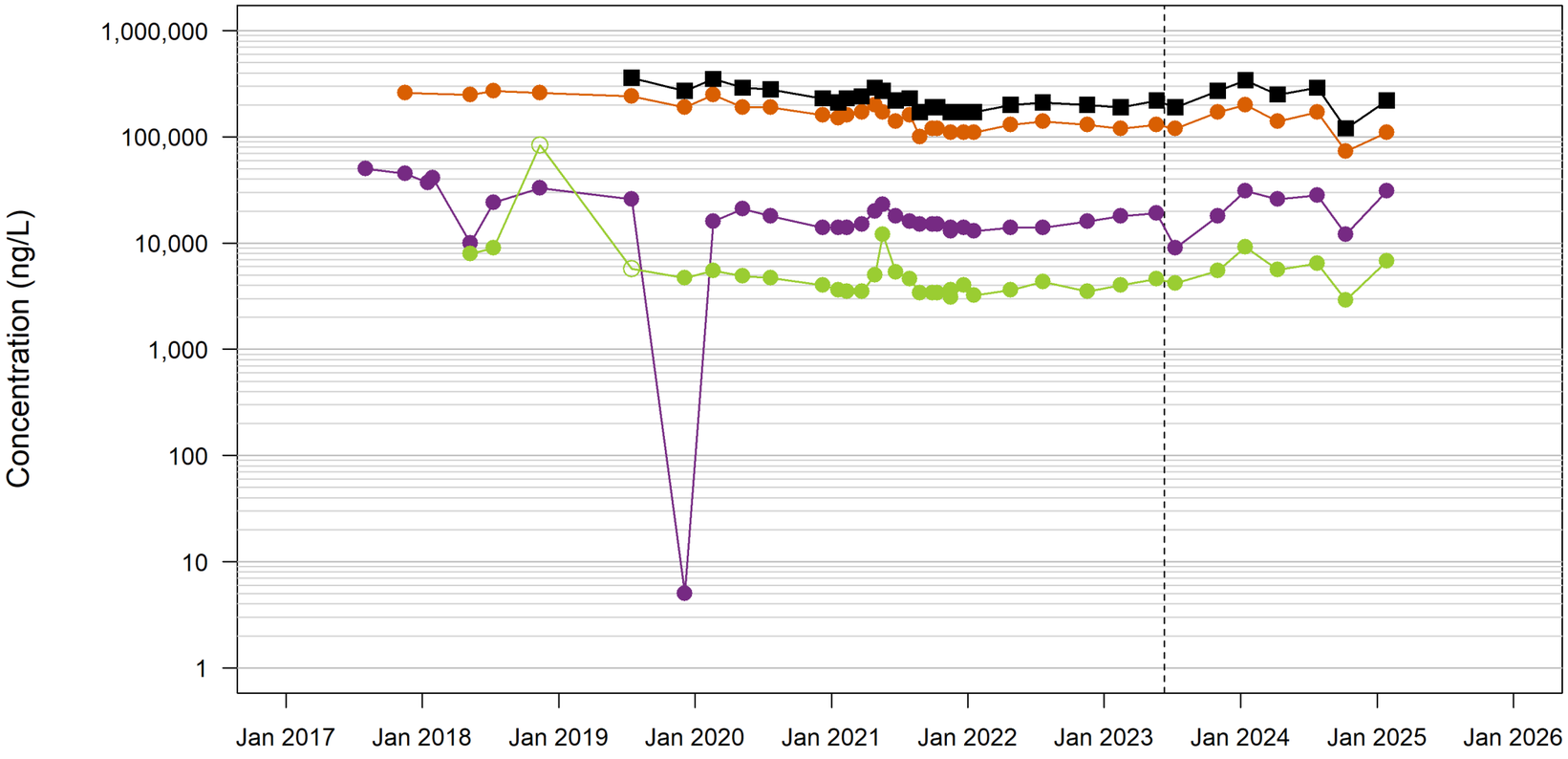
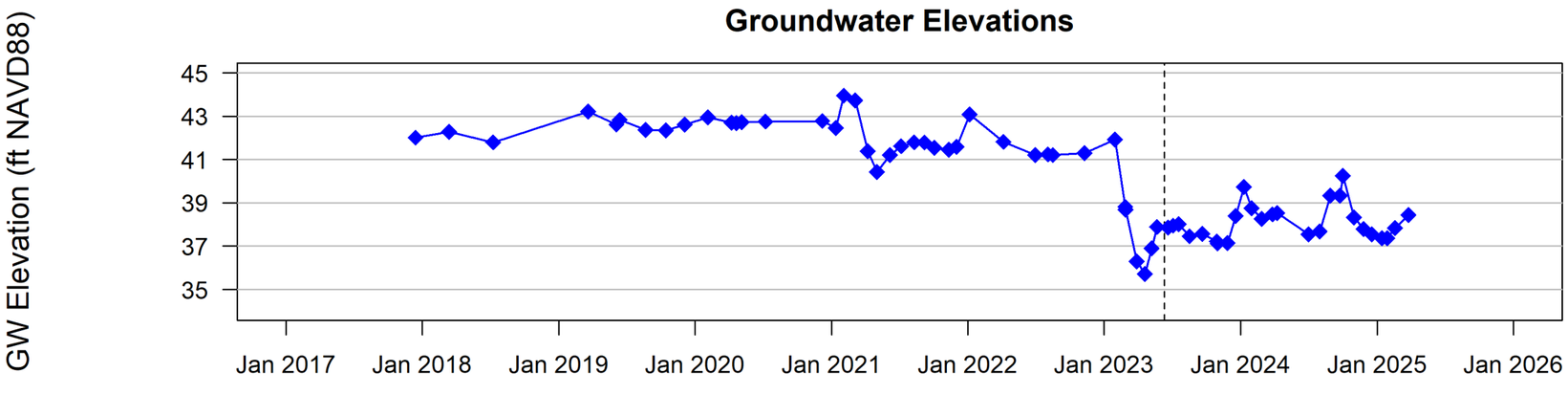
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



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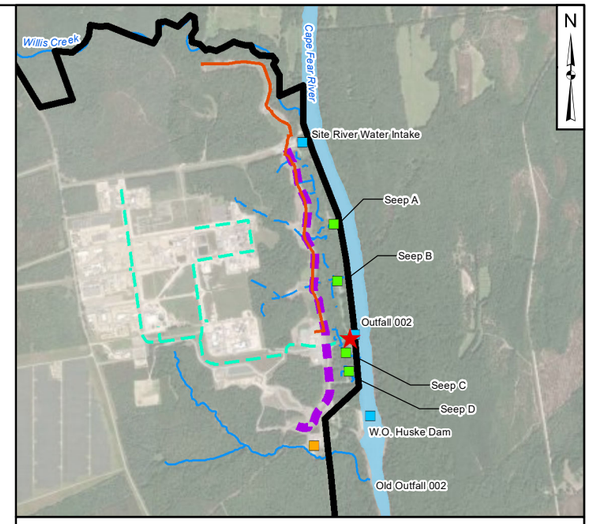
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



Legend

- Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
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- Observed Seep (Natural Drainage)
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Notes:
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ng/L - nanograms per liter
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at LTW-05 (Black Creek Aquifer)

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Figure **C.5**

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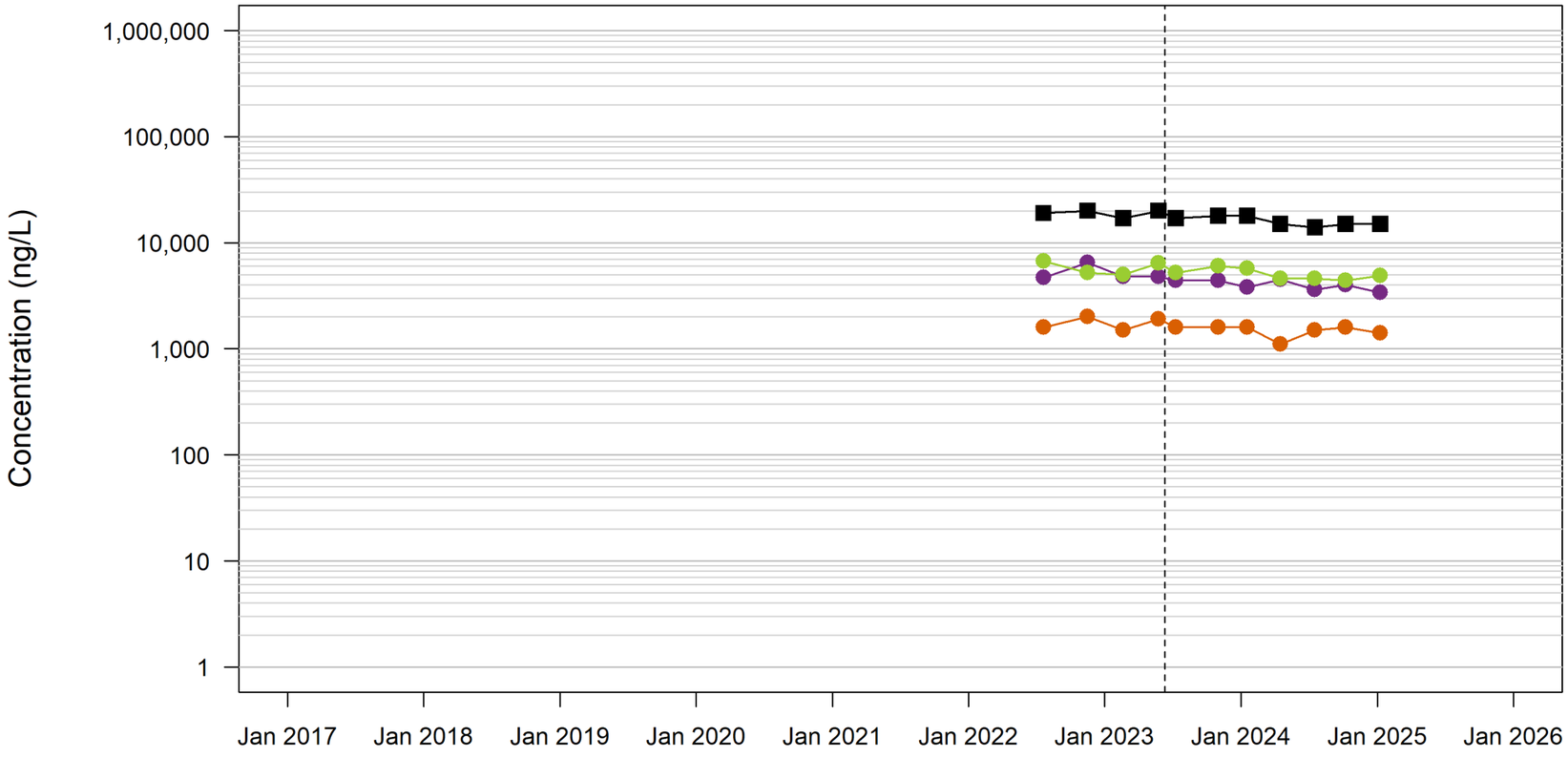
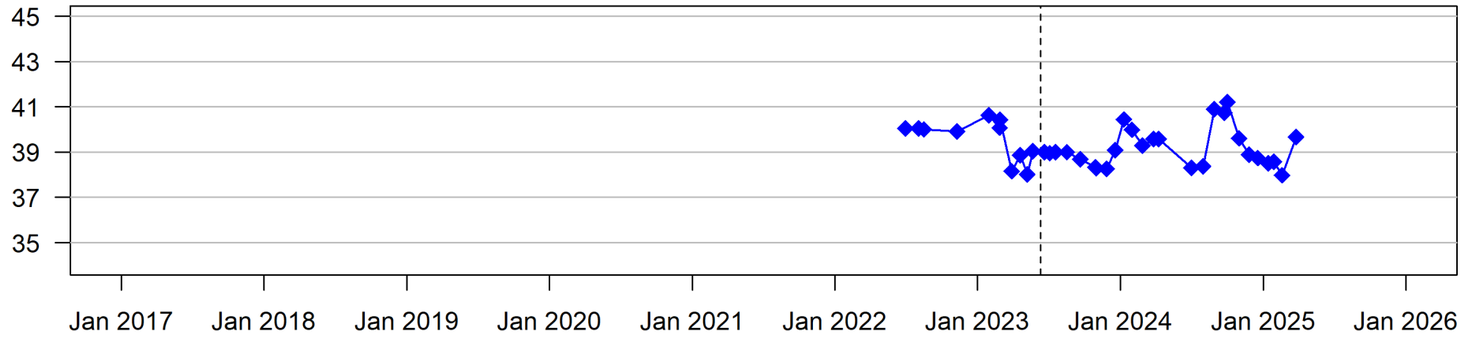
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



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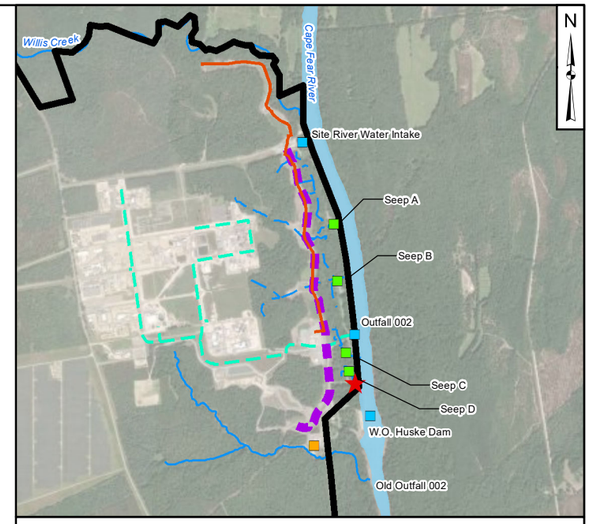
Non-Detect
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



Legend

- Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
- Site Features
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at OW-28 (Black Creek Aquifer)

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Figure **C.6**

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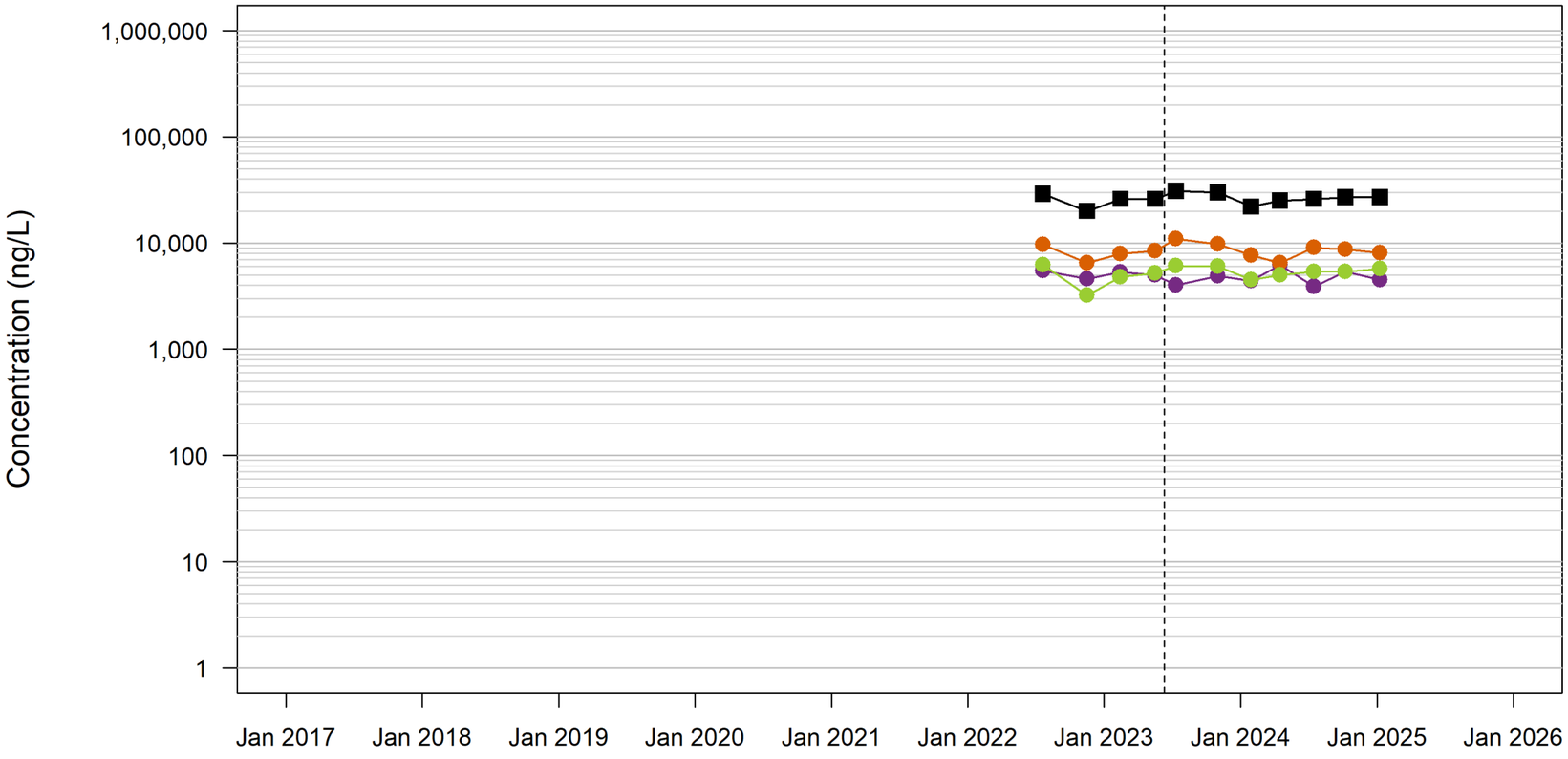
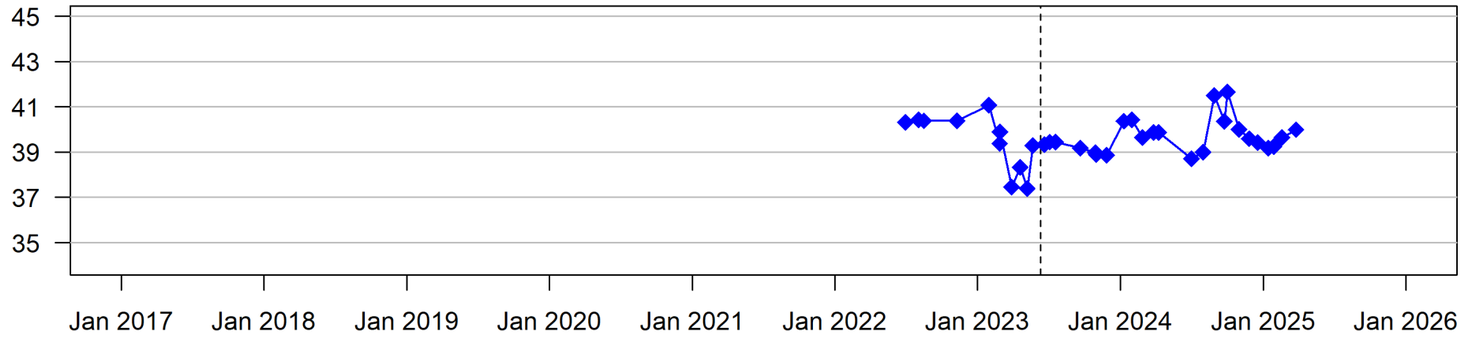
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations



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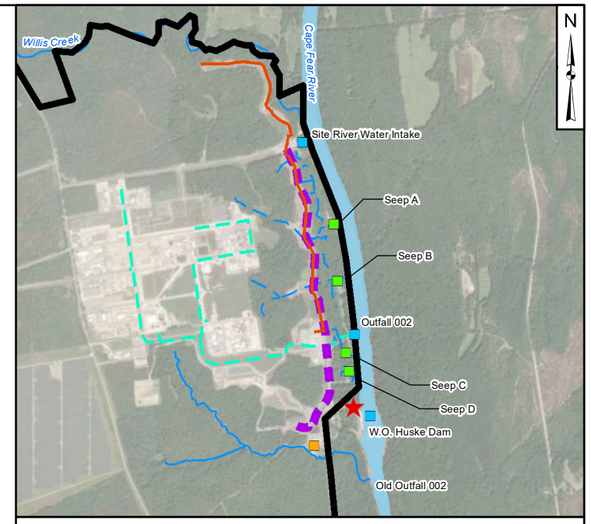
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
Barrier Wall Installation



Legend

- Location Indicator
- Old Outfall 002 Treatment System
- Flow-Through Cell
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- Site Boundary
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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

200 100 0 200 Feet

Time Trends at OW-33 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

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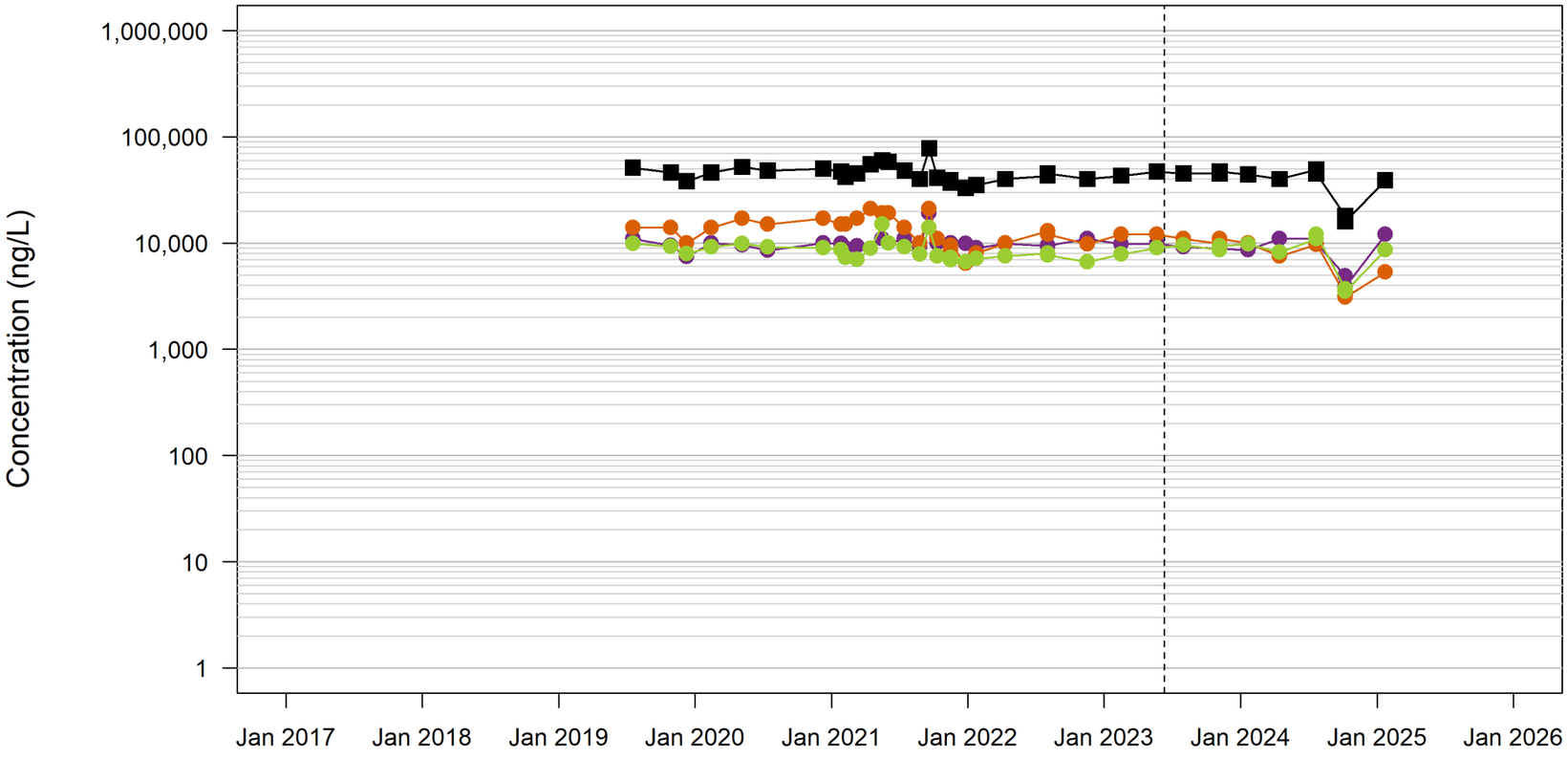
Figure **C.7**

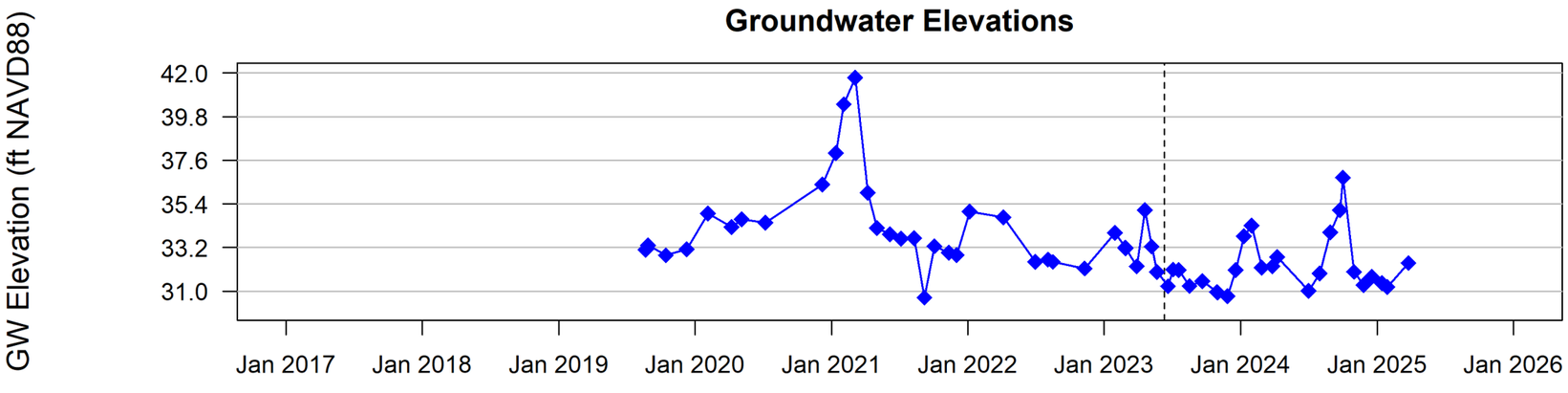
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

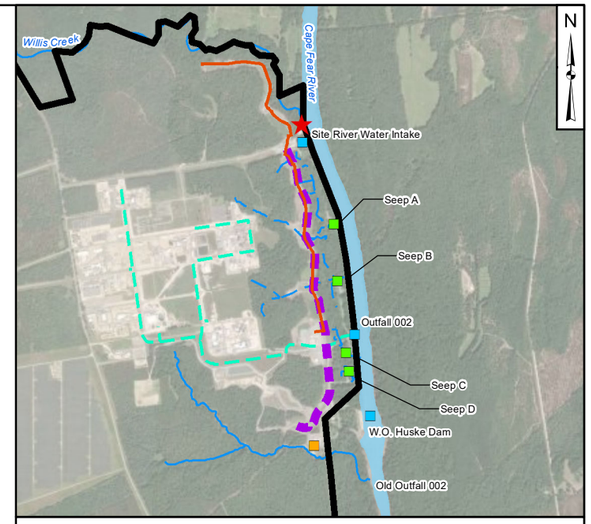
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at PIW-1D (Black Creek Aquifer)

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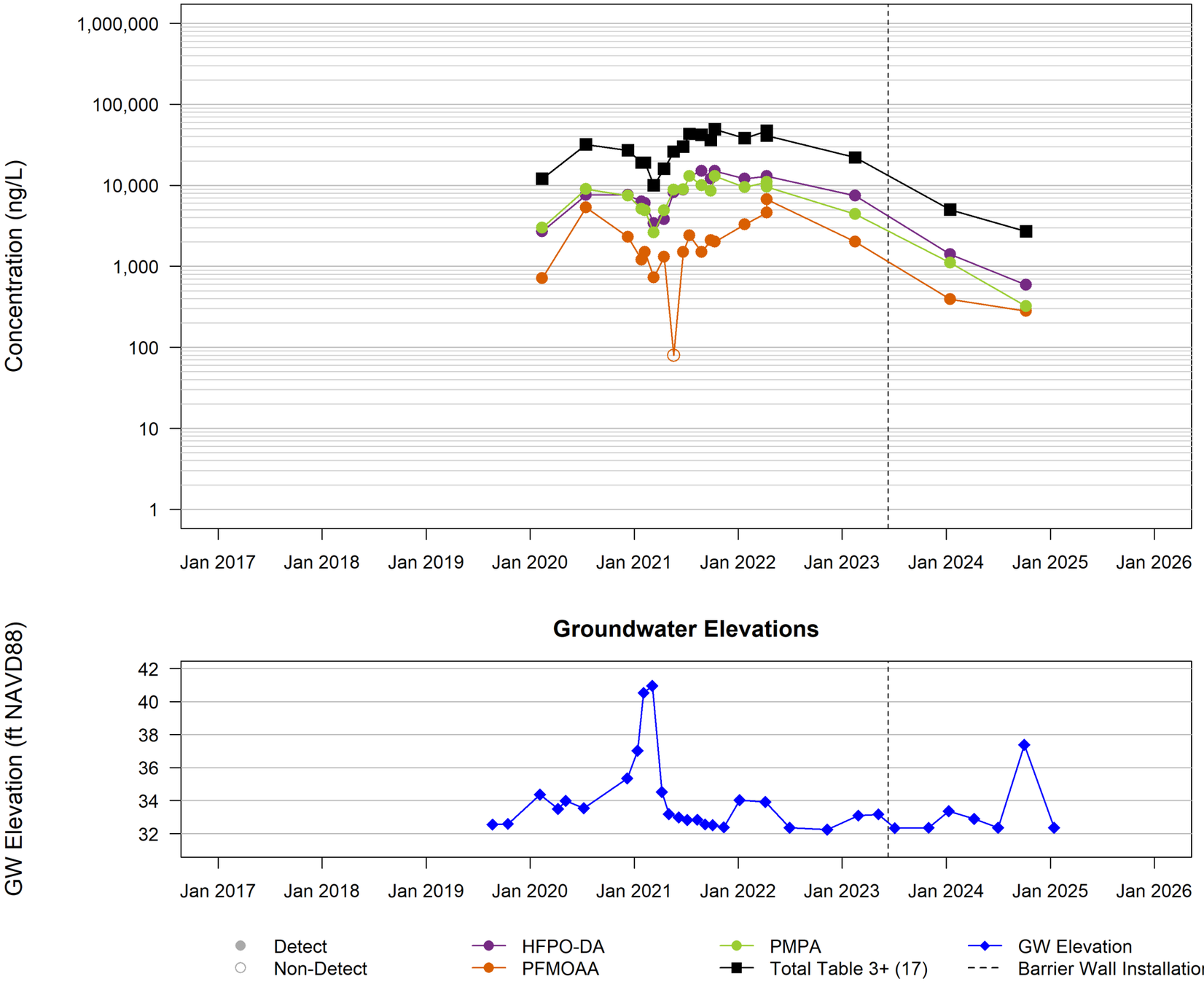
Figure **C.8**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

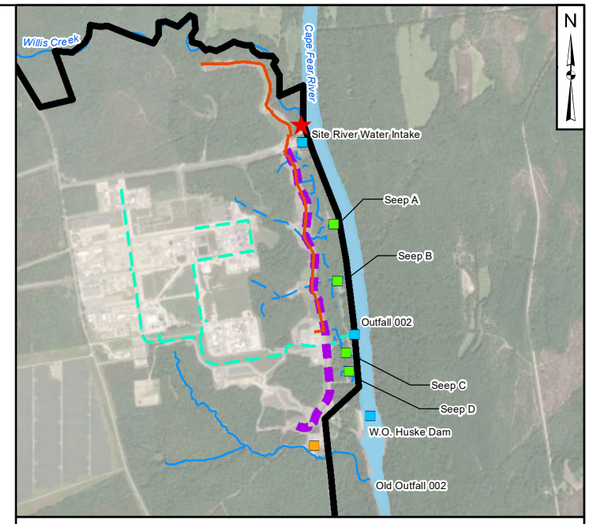
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-1S (Floodplain Deposits)

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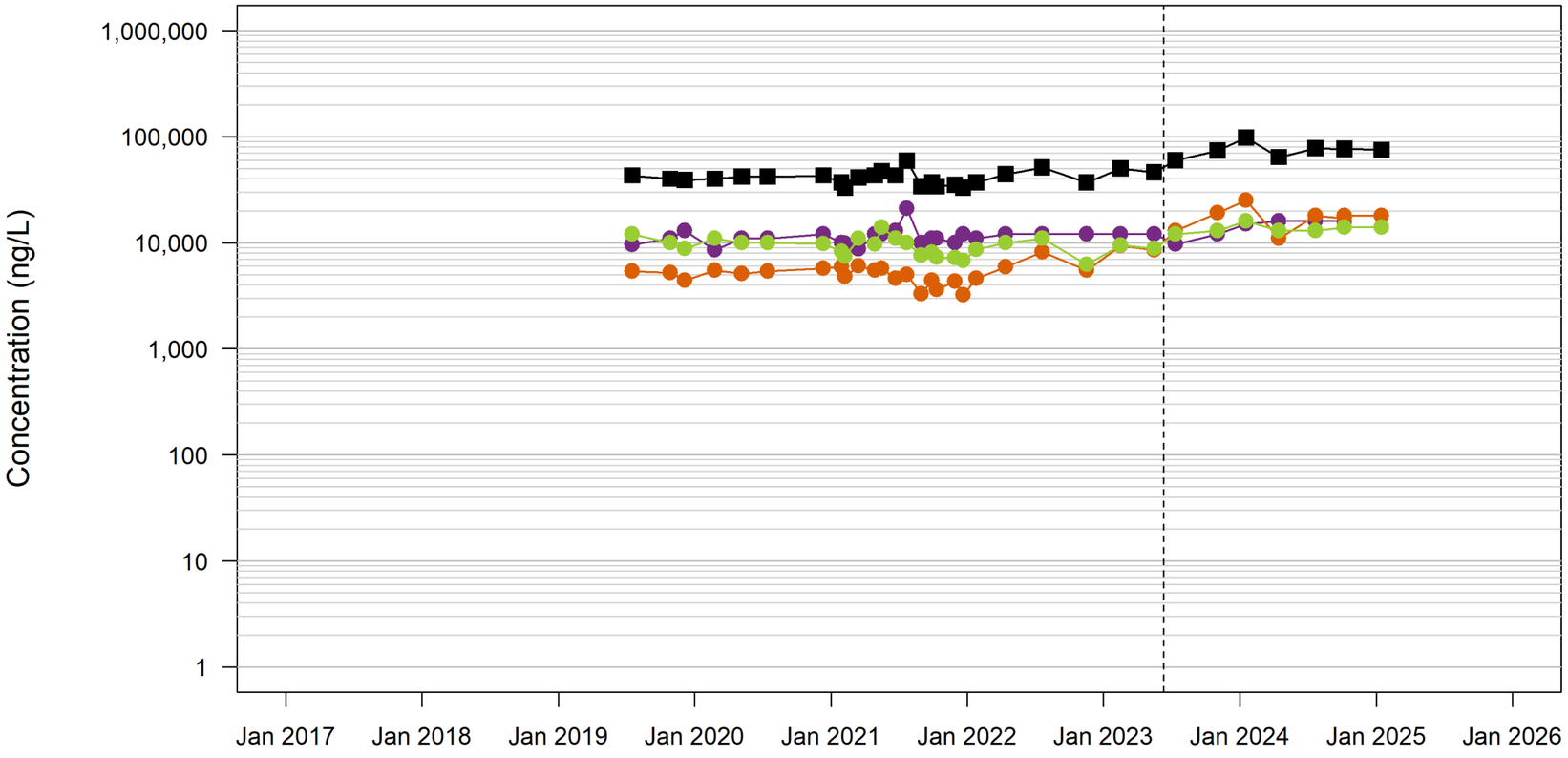
Figure **C.9**

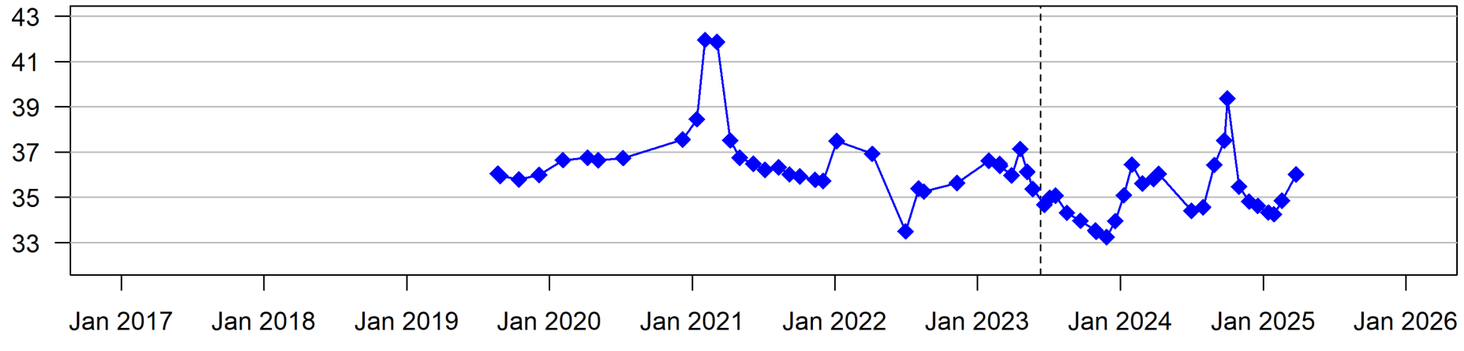
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

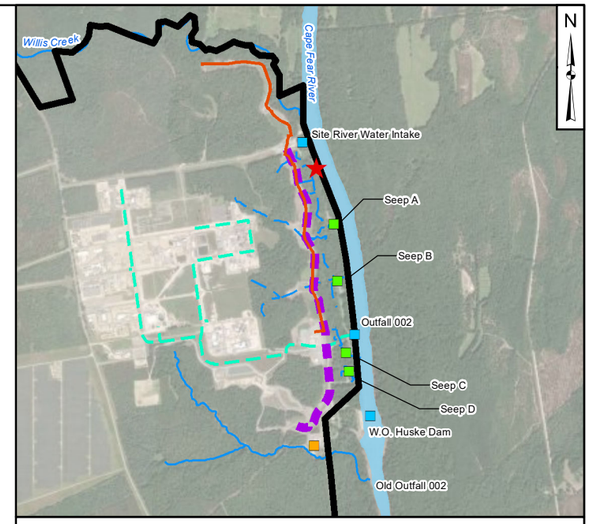
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at PIW-3D (Black Creek Aquifer)

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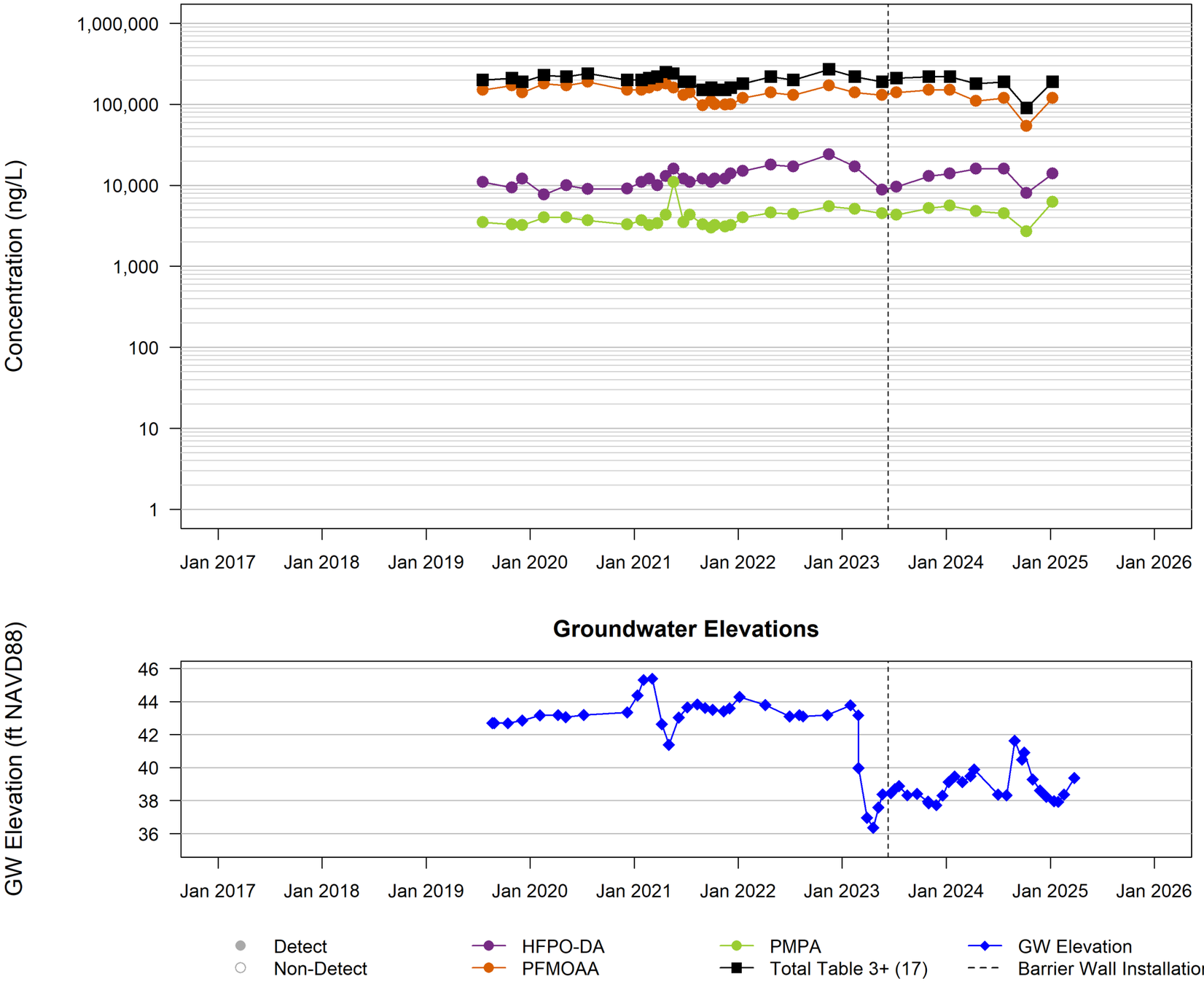
Figure
C.10

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

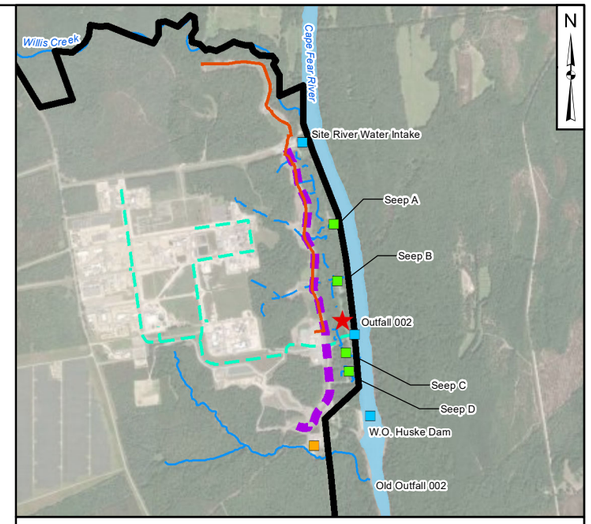
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-7D (Black Creek Aquifer)

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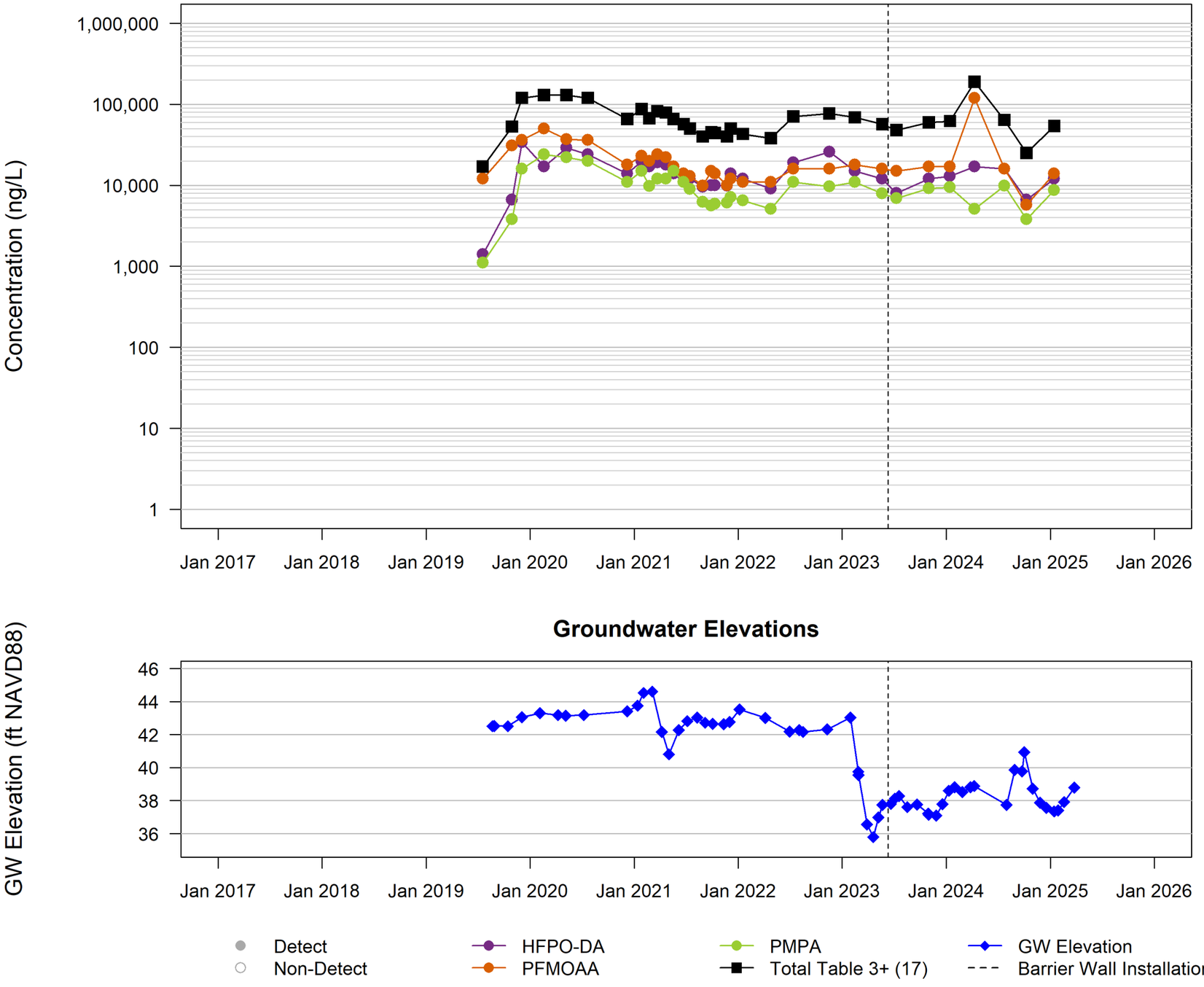
Figure
C.11

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

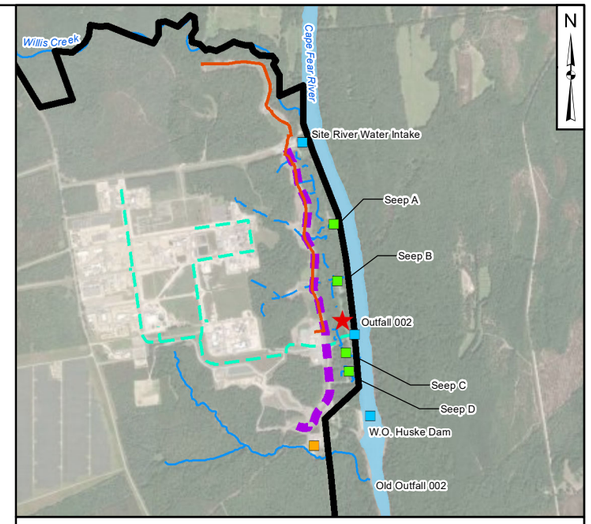
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

Detect
Non-Detect
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
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.
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at PIW-7S (Floodplain Deposits)

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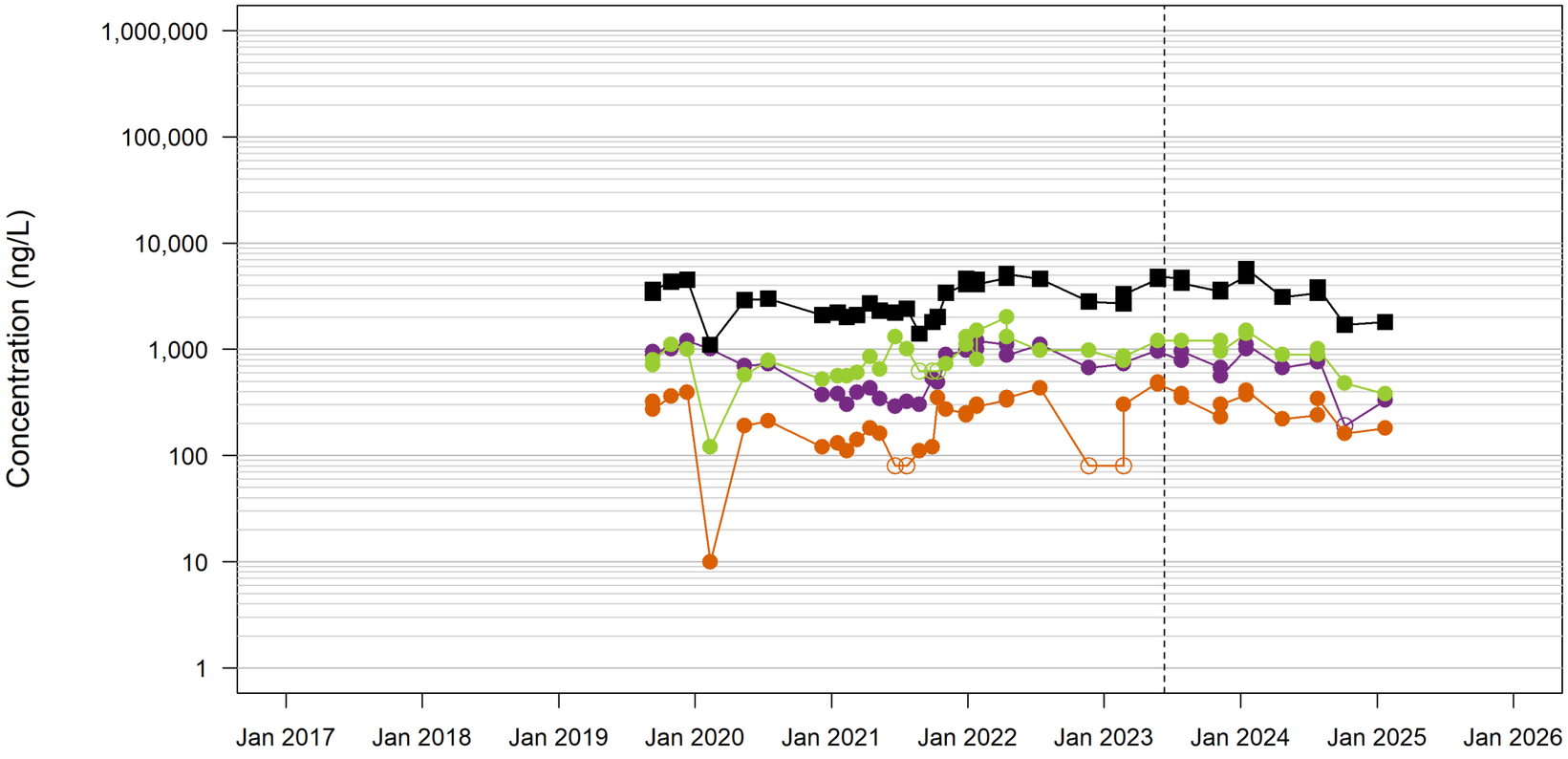
Figure
C.12

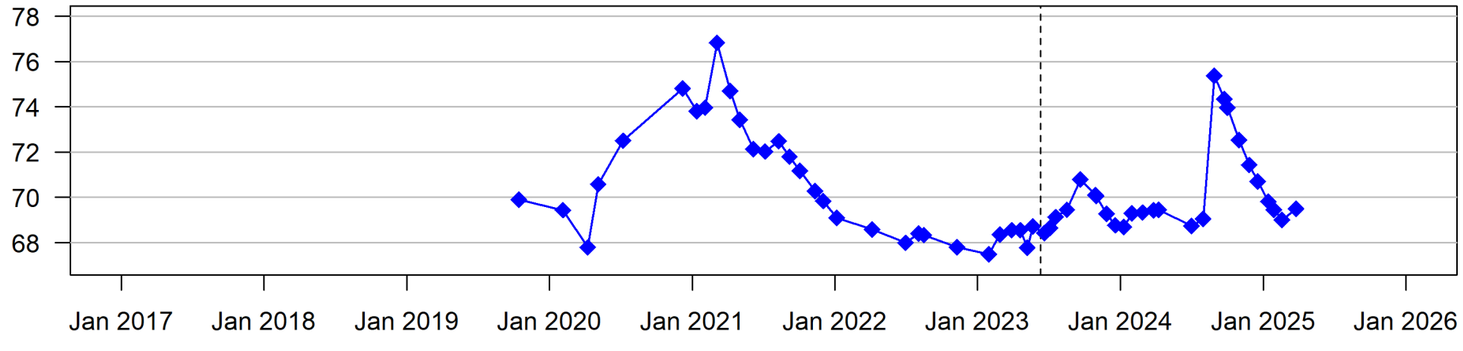
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

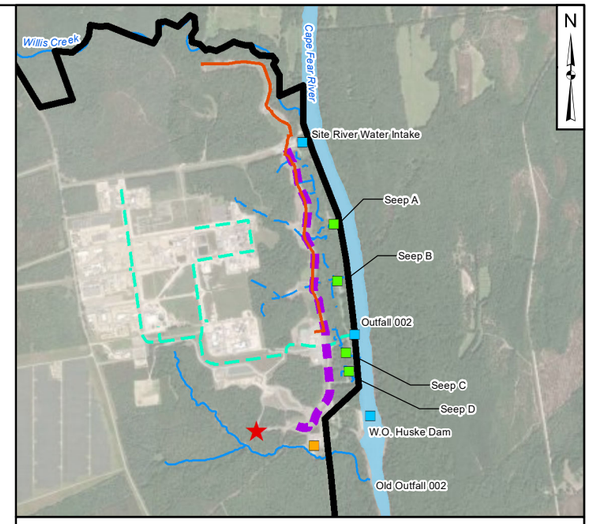
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at PW-04 (Surficial Aquifer)

Chemours Fayetteville Works, North Carolina

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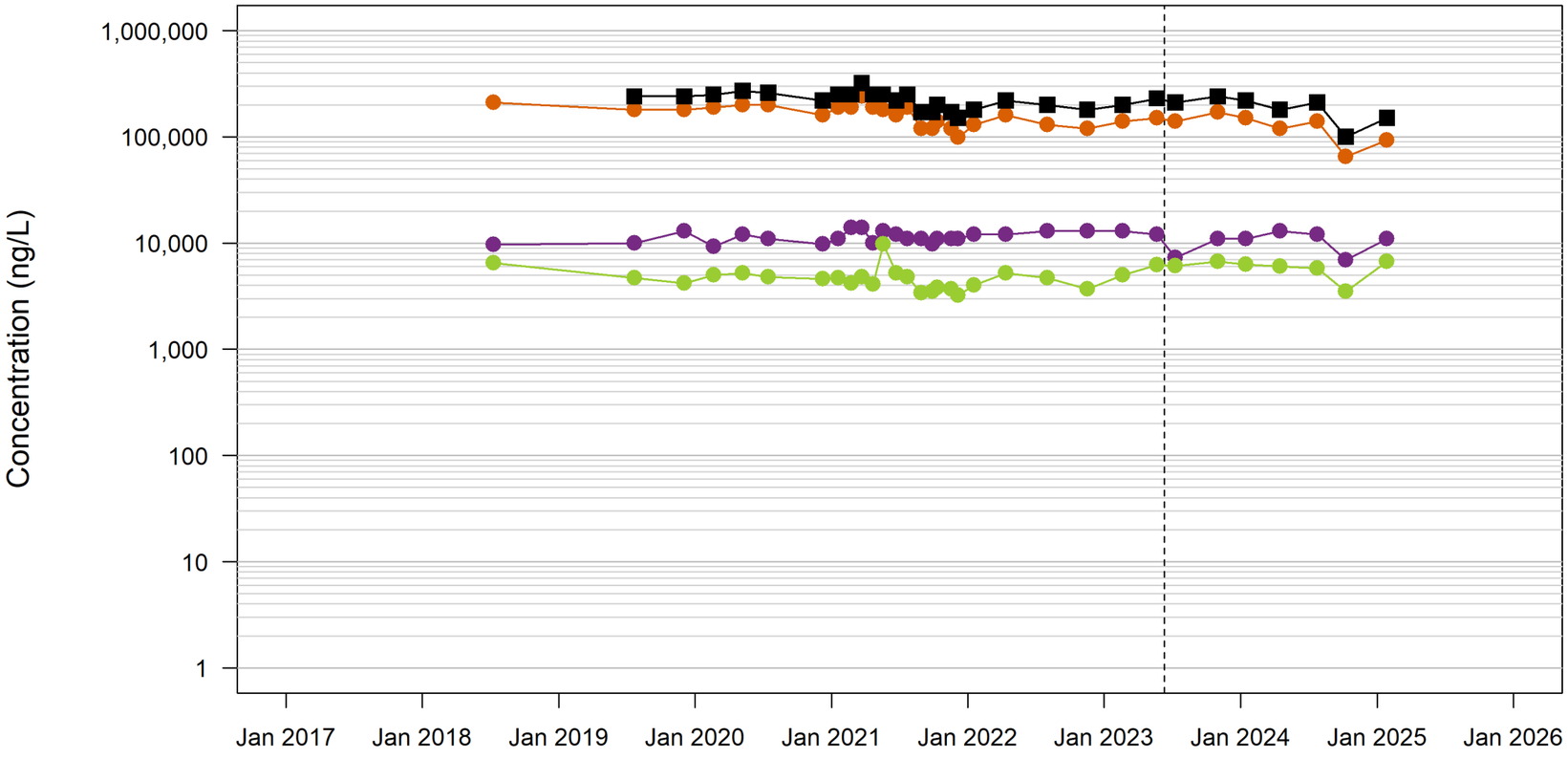
Figure
C.13

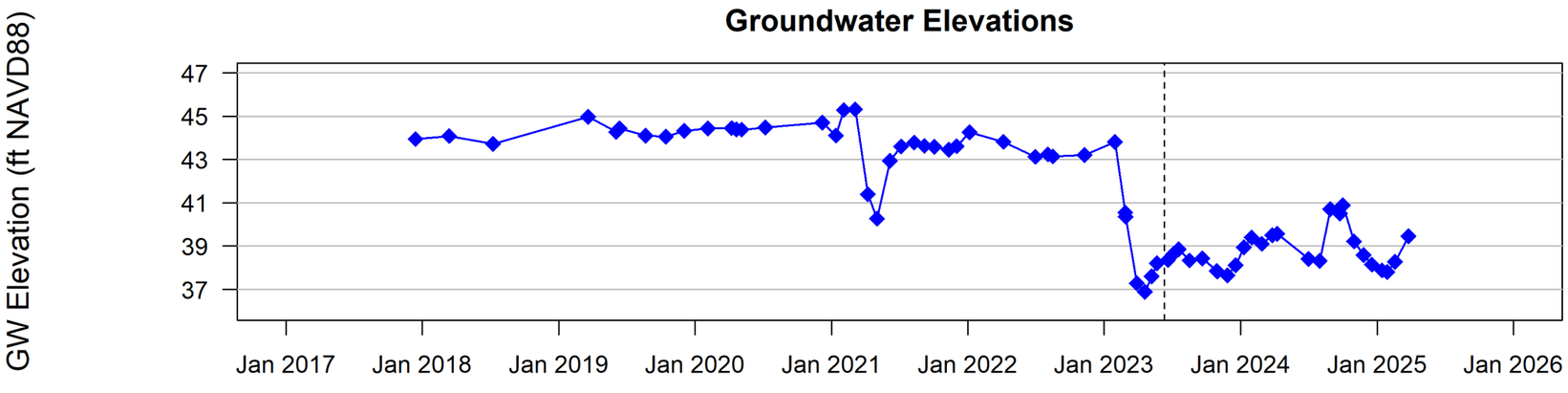
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

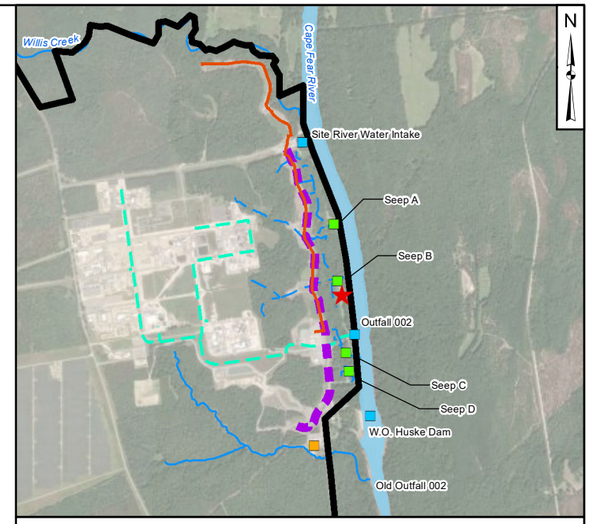
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at PZ-22 (Black Creek Aquifer)

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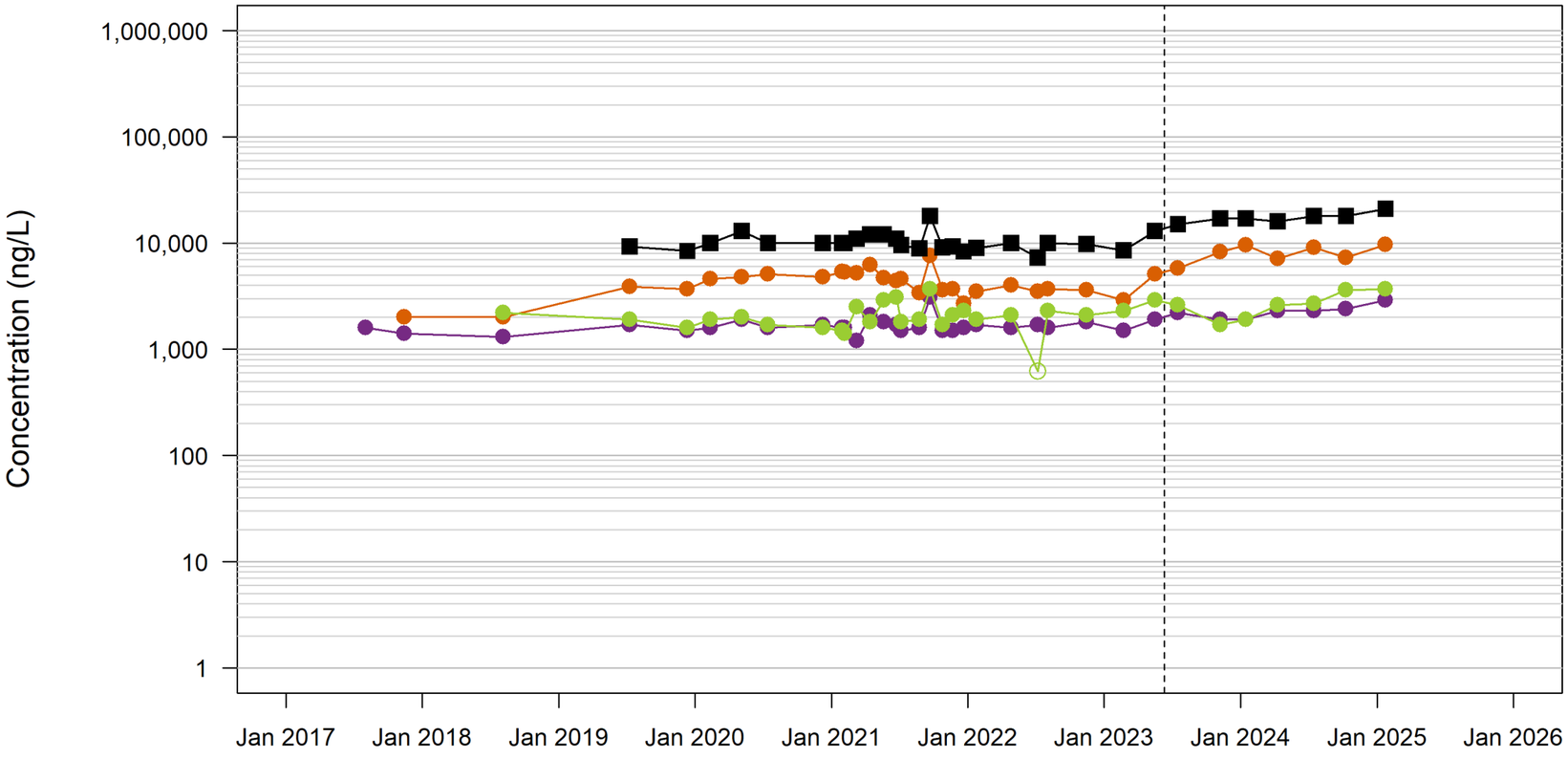
Figure
C.14

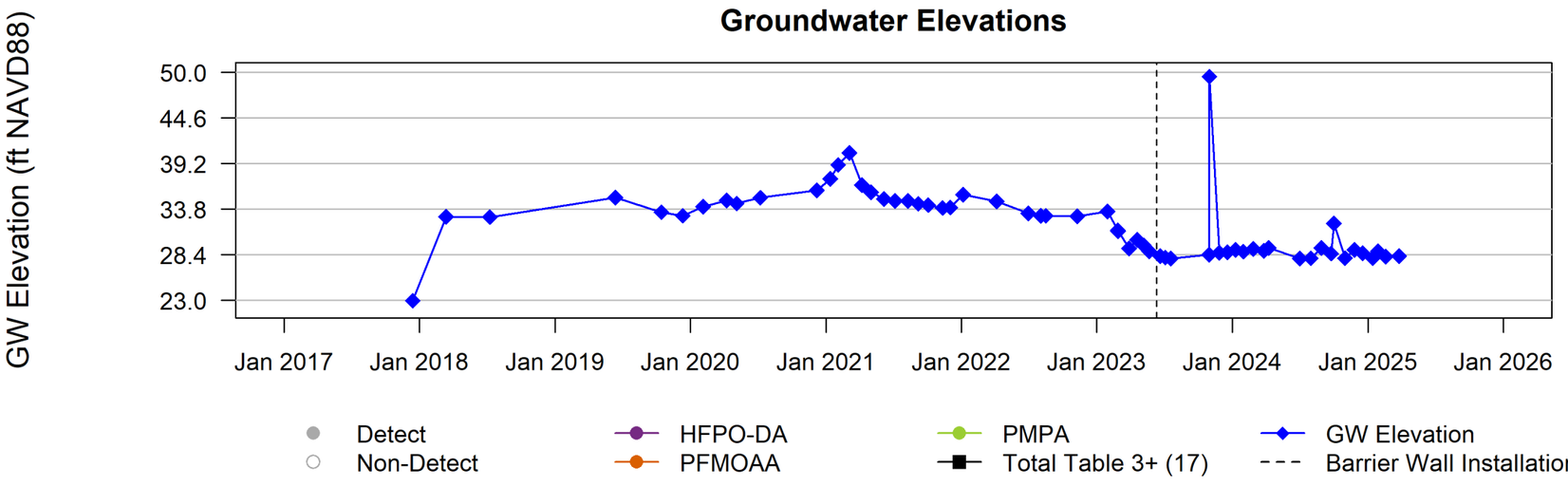
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

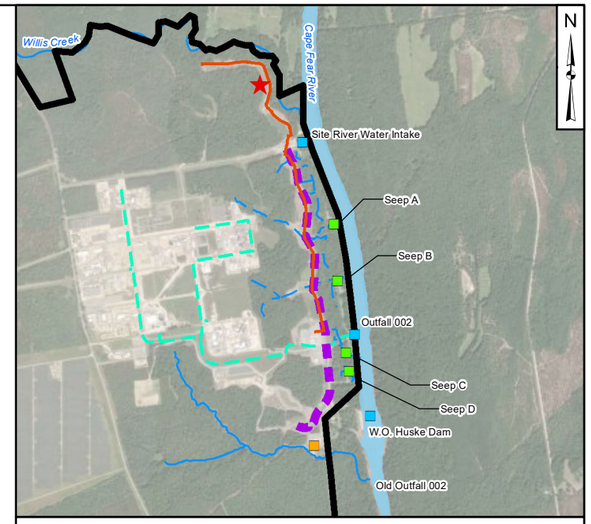
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at SMW-12 (Black Creek Aquifer)

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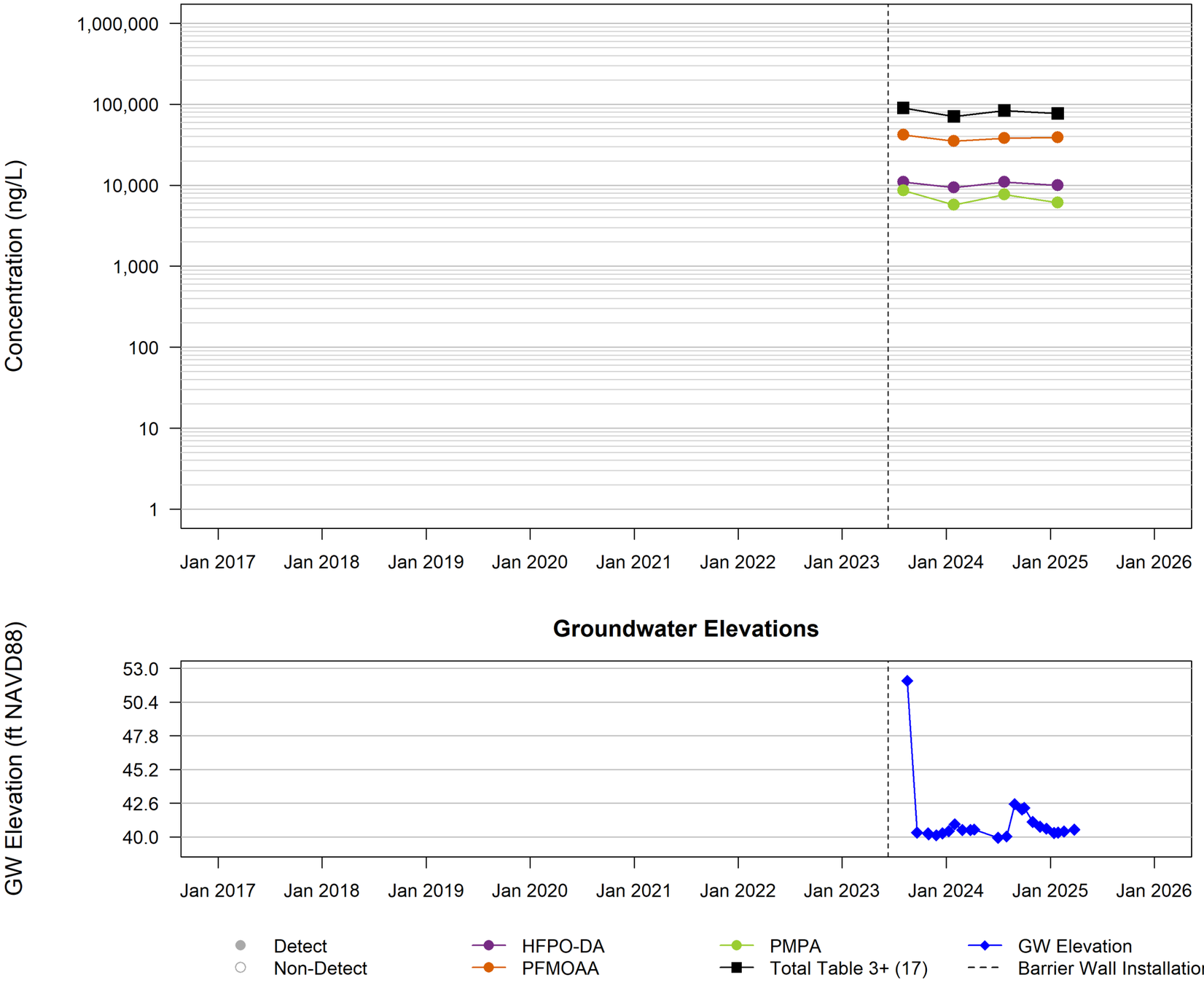
Figure
C.15

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

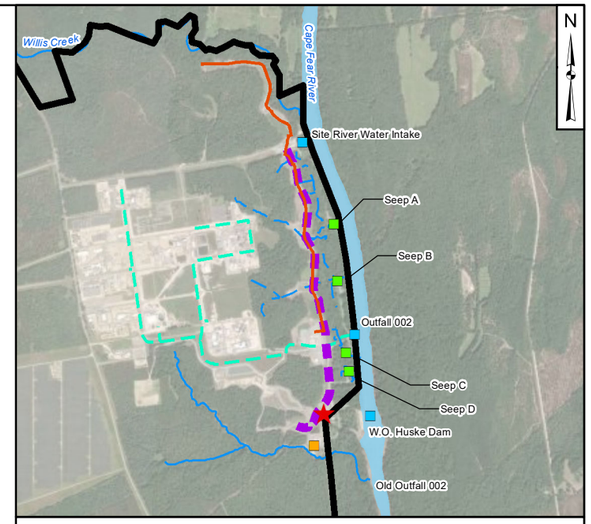
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-4R (Black Creek Aquifer)

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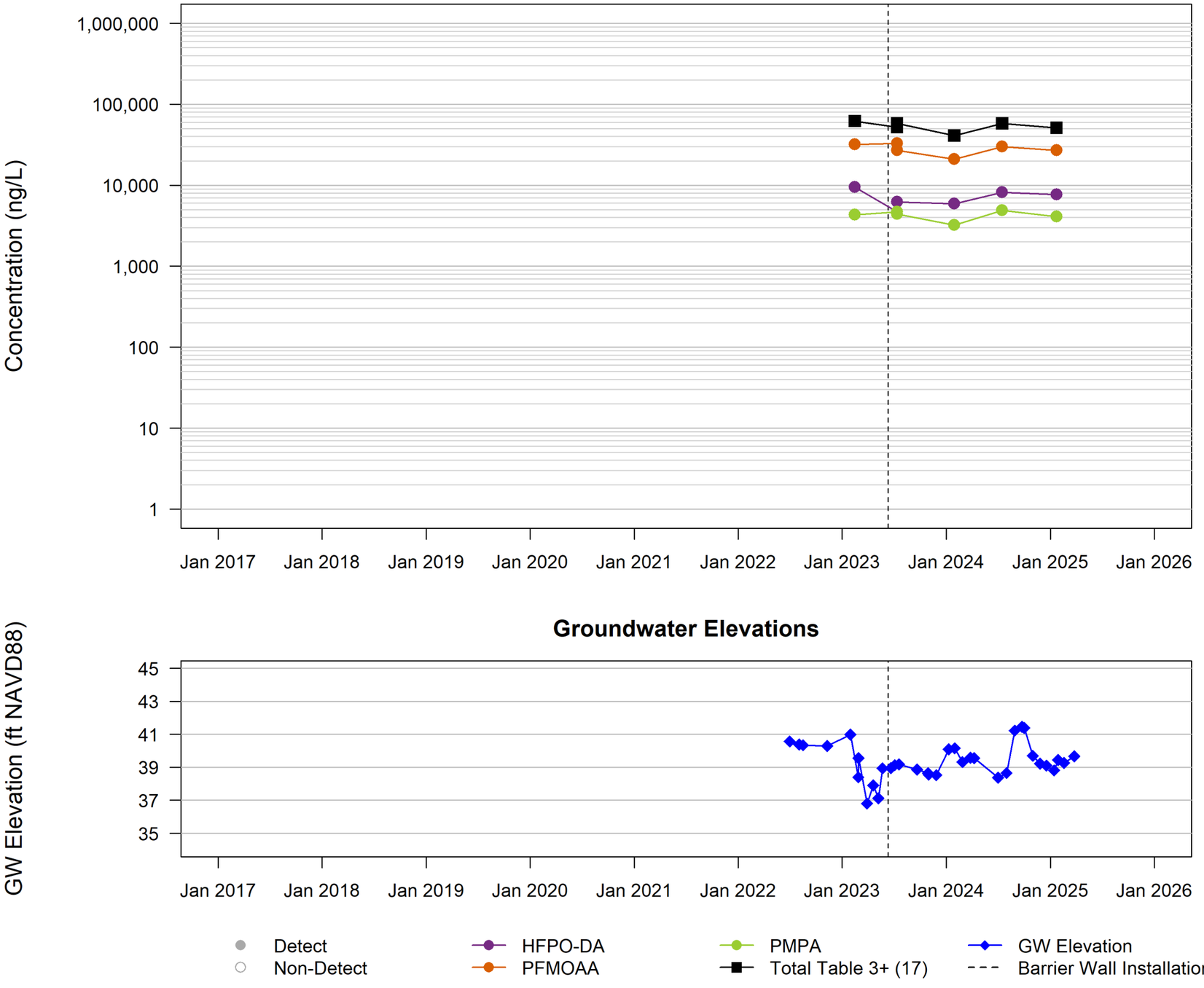
Figure
C.16

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

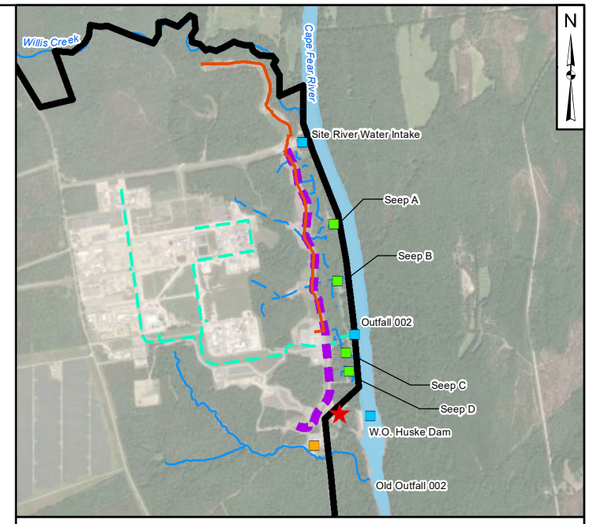
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-30 (Black Creek Aquifer)

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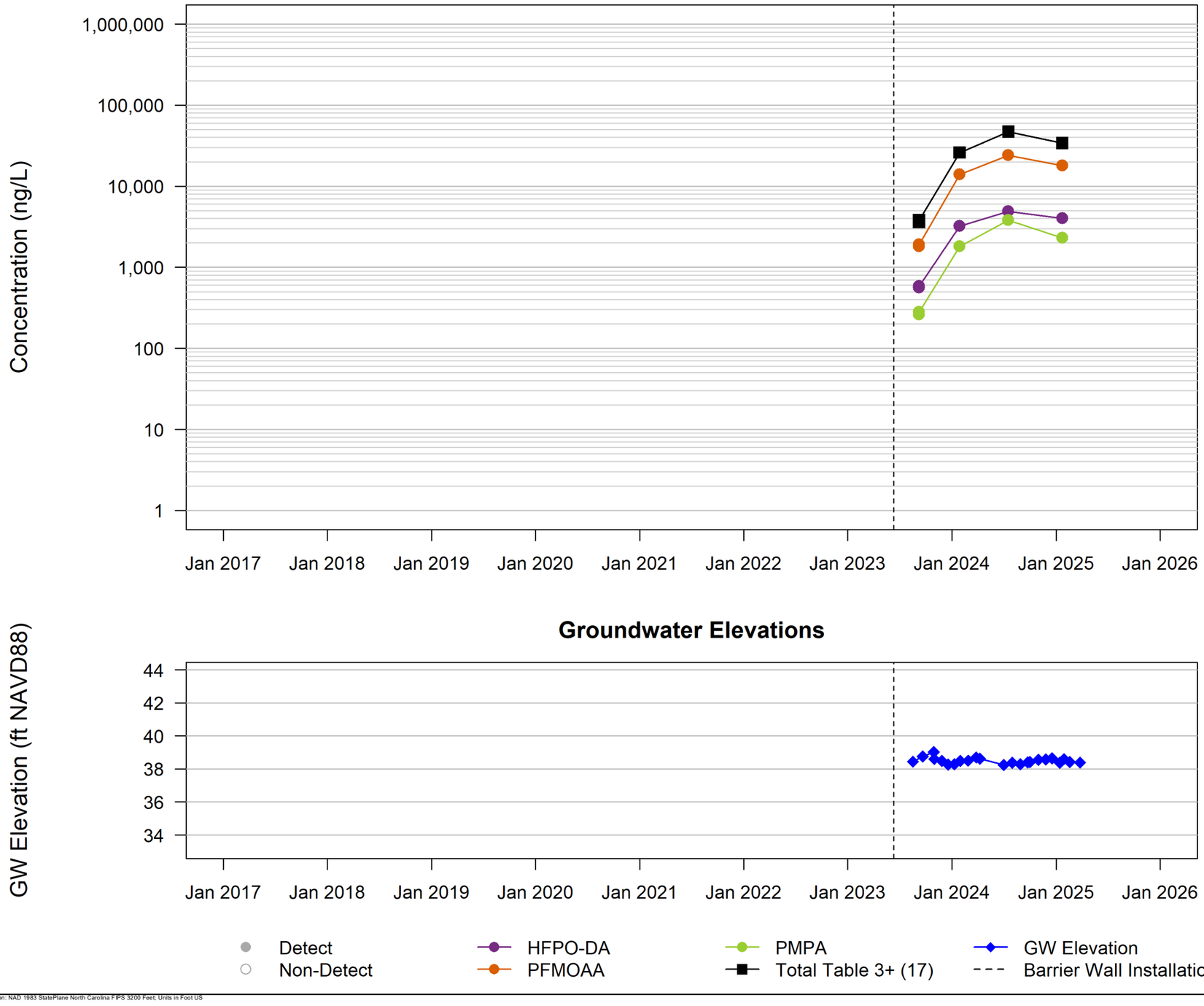
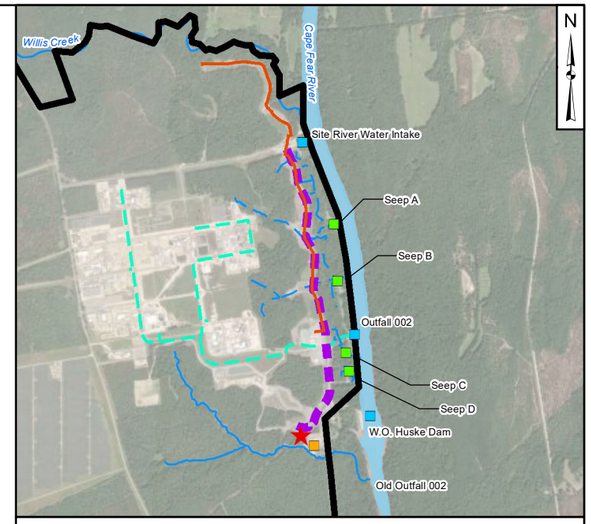
Figure
C.17

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

Table 3+ Analytical Results





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-32 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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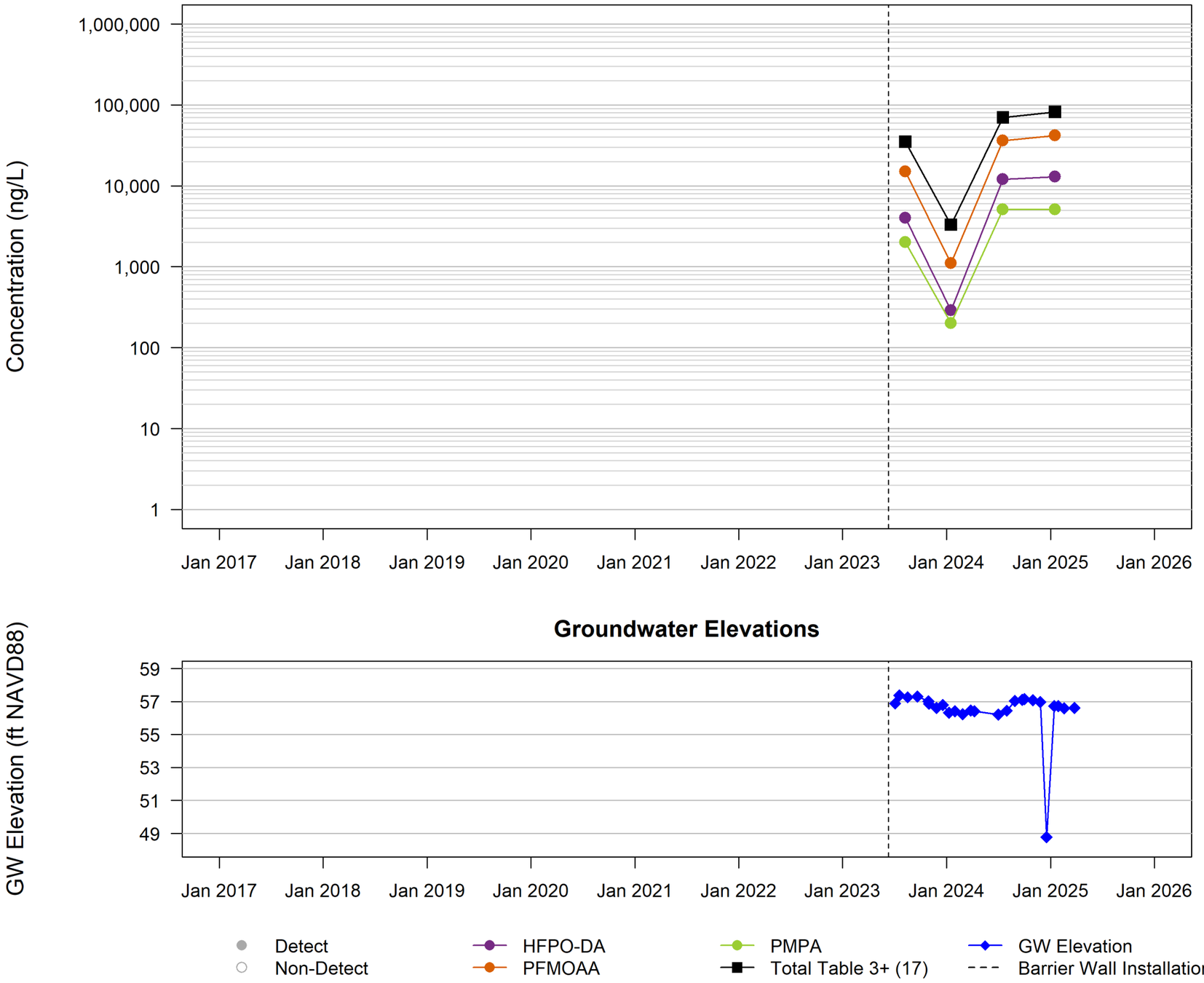
Figure **C.18**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

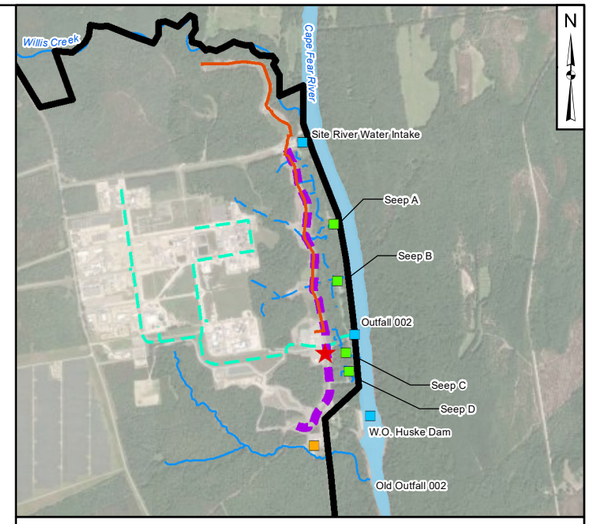
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-37 (Surficial Aquifer)

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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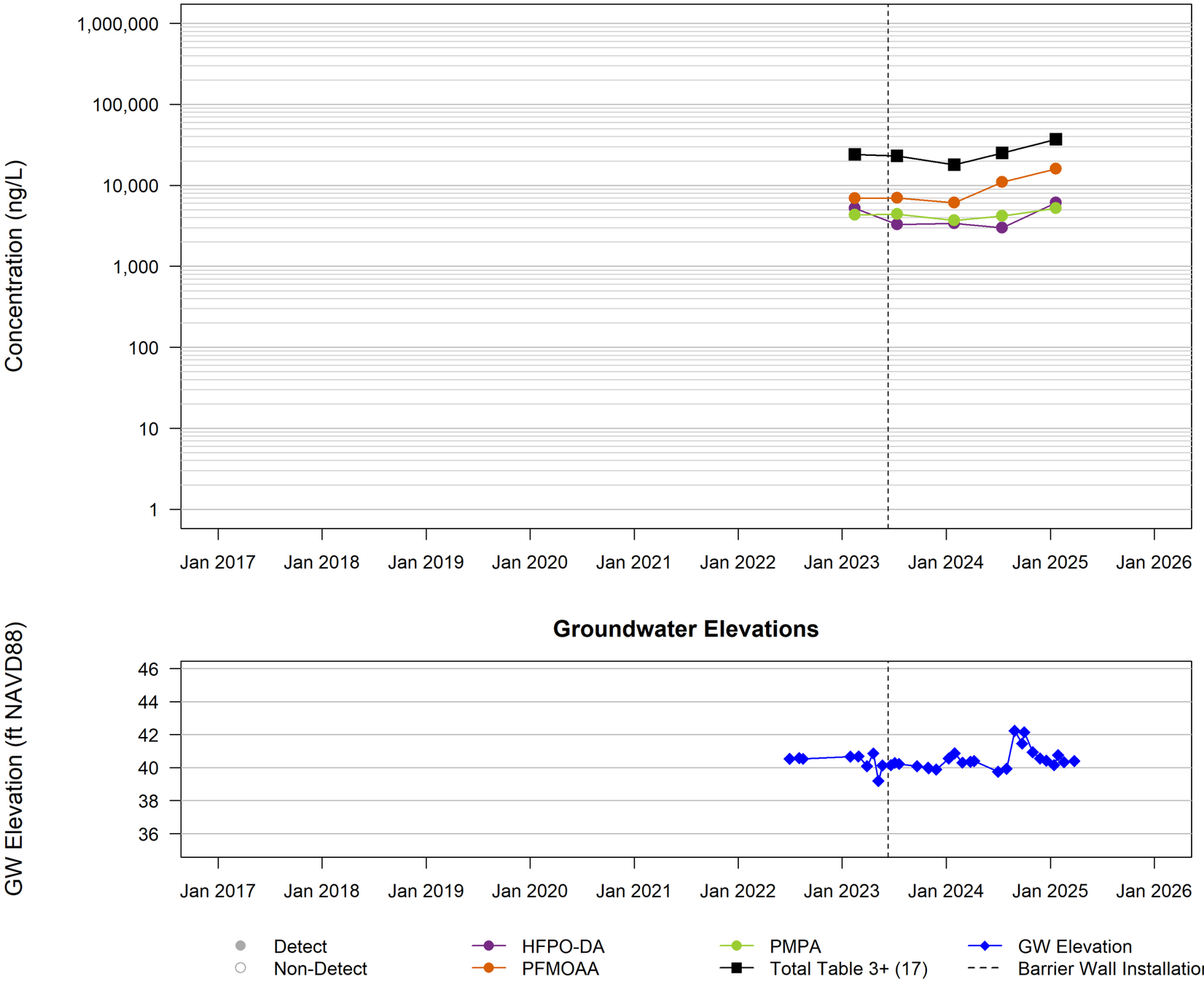
Figure
C.19

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

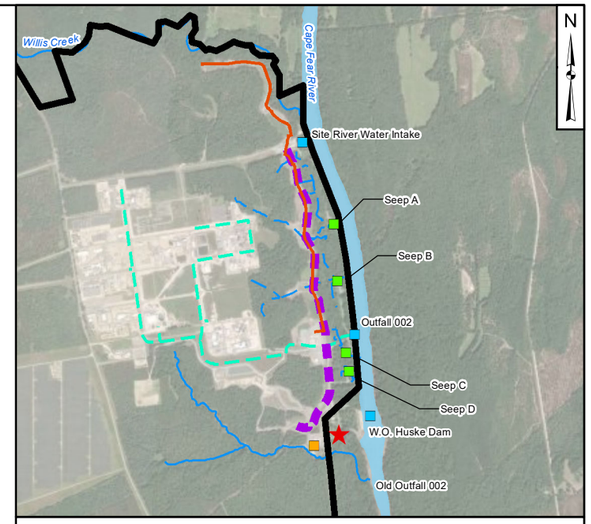
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-40 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

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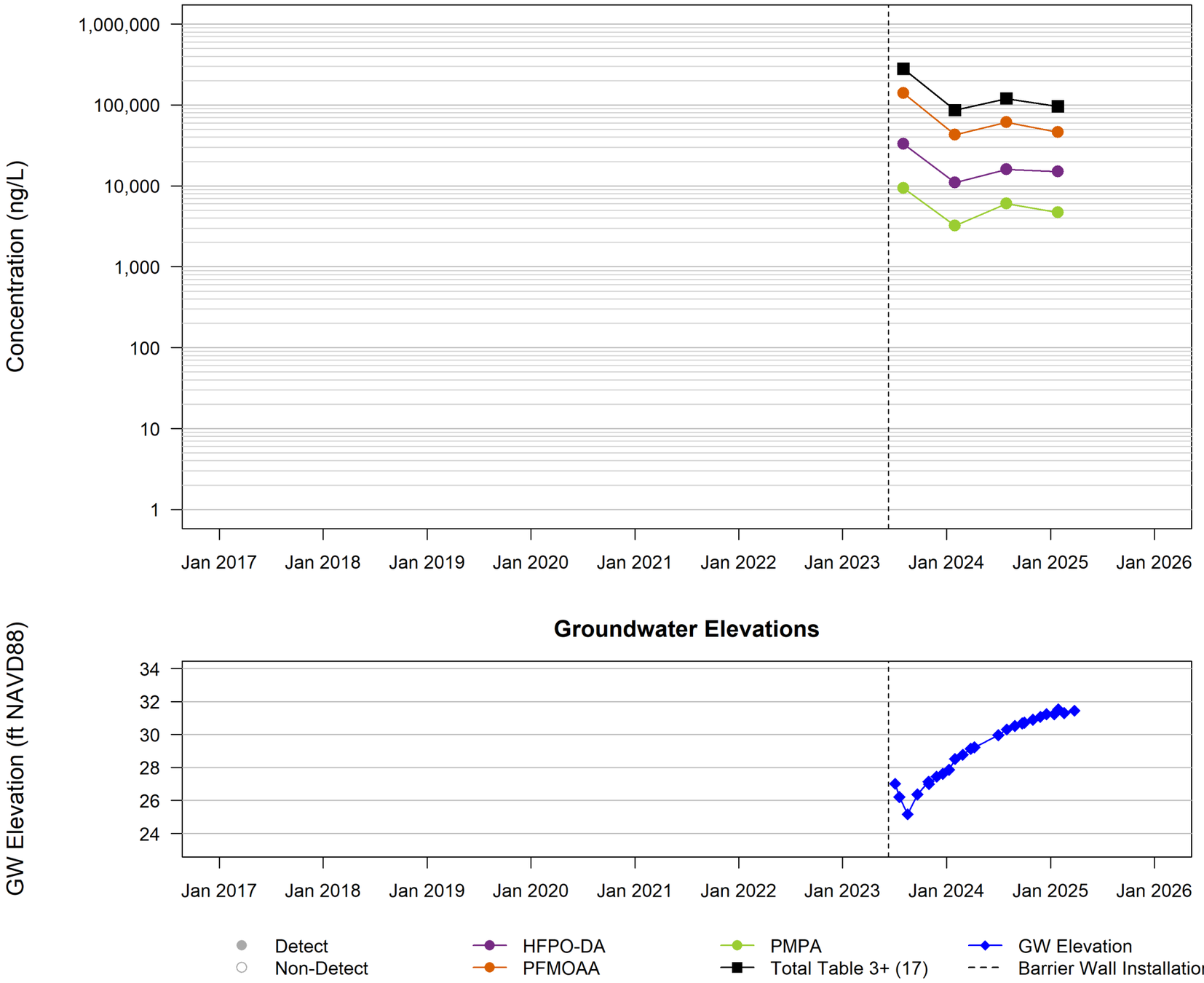
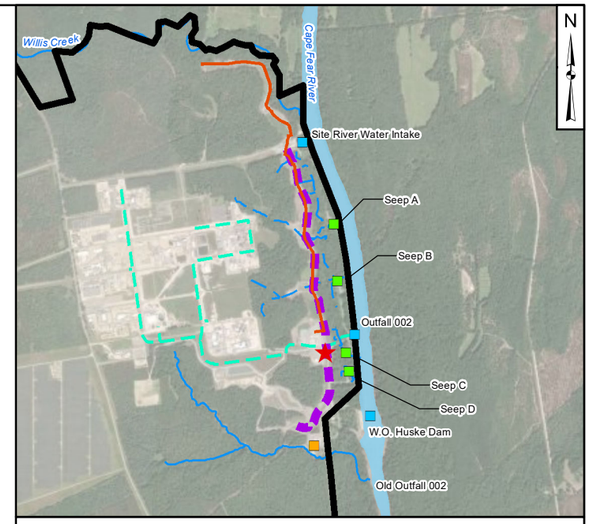
Figure **C.20**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

Table 3+ Analytical Results





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-51 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

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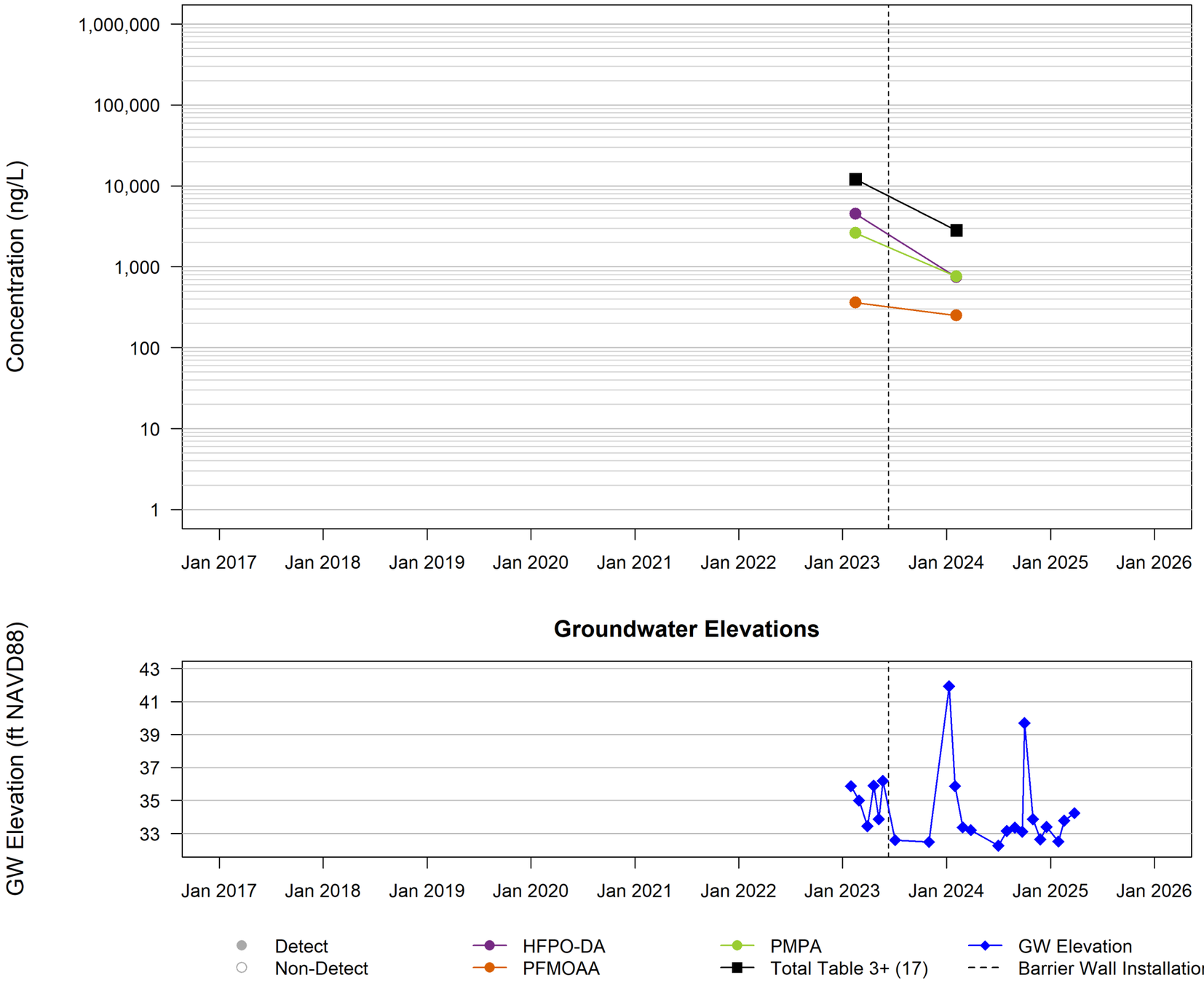
Figure **C.21**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

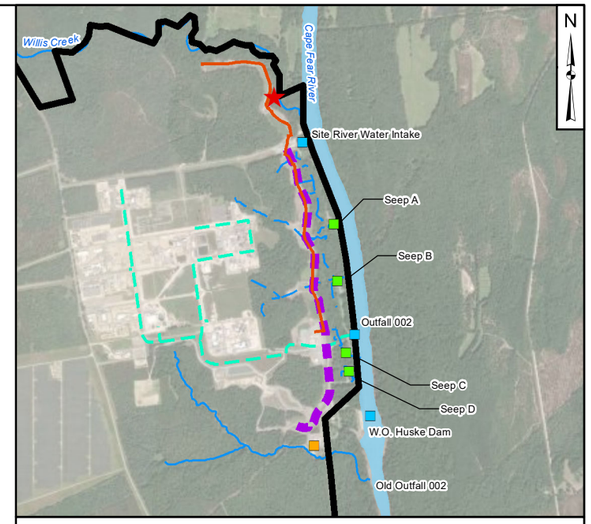
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-54 (Black Creek Aquifer)

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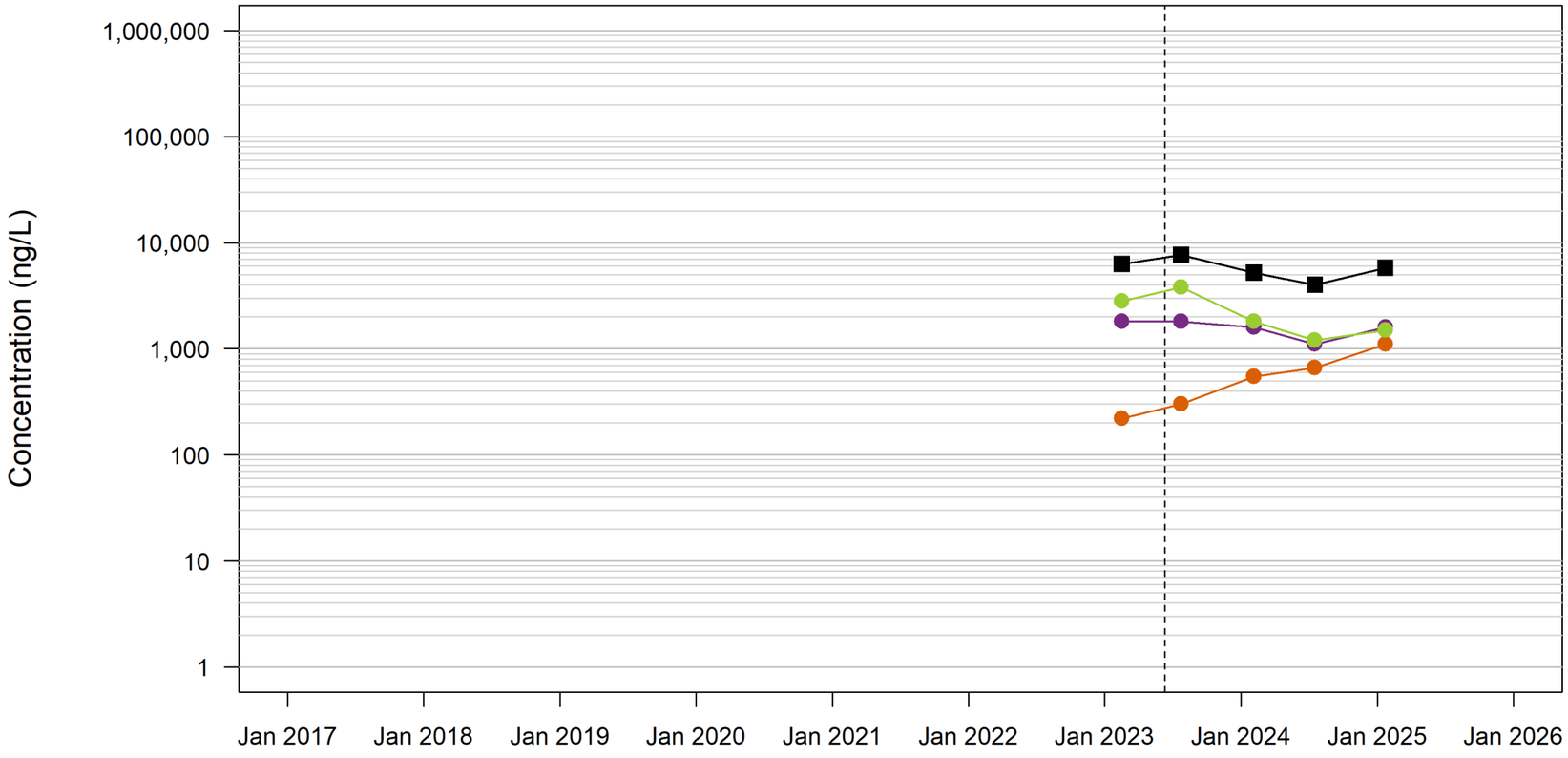
Figure
C.22

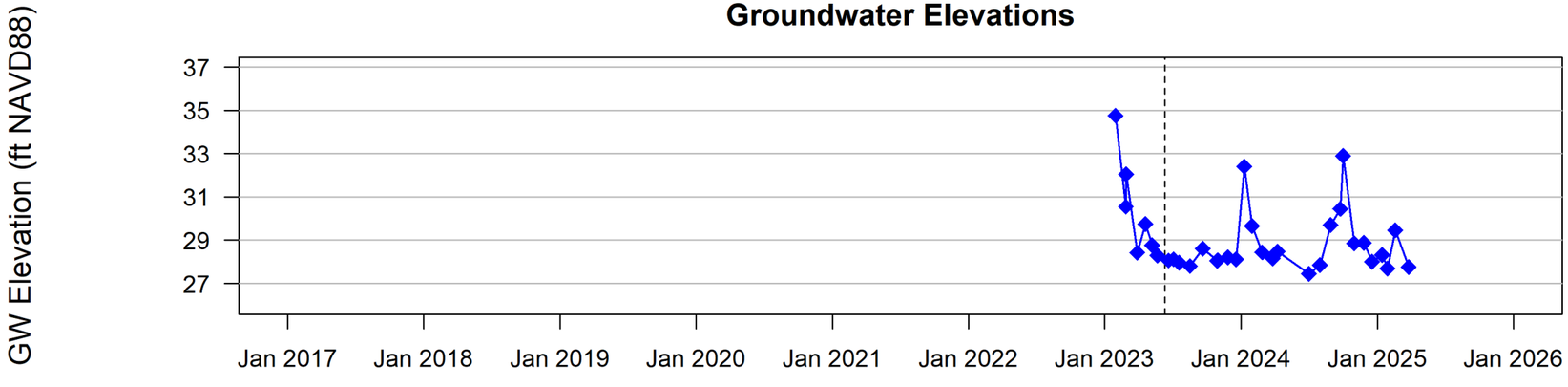
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

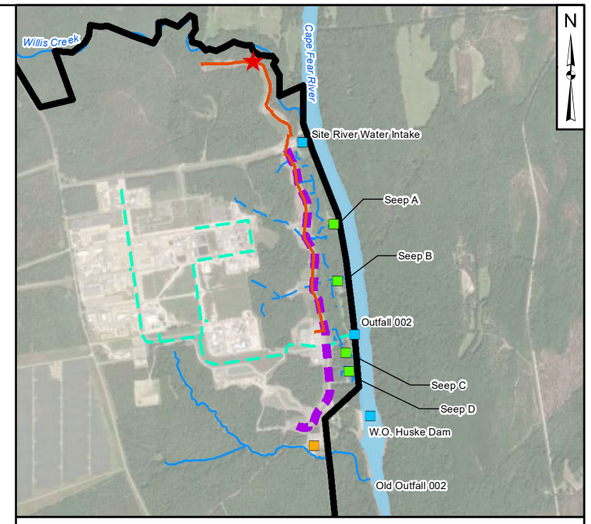
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at OW-55 (Black Creek Aquifer)

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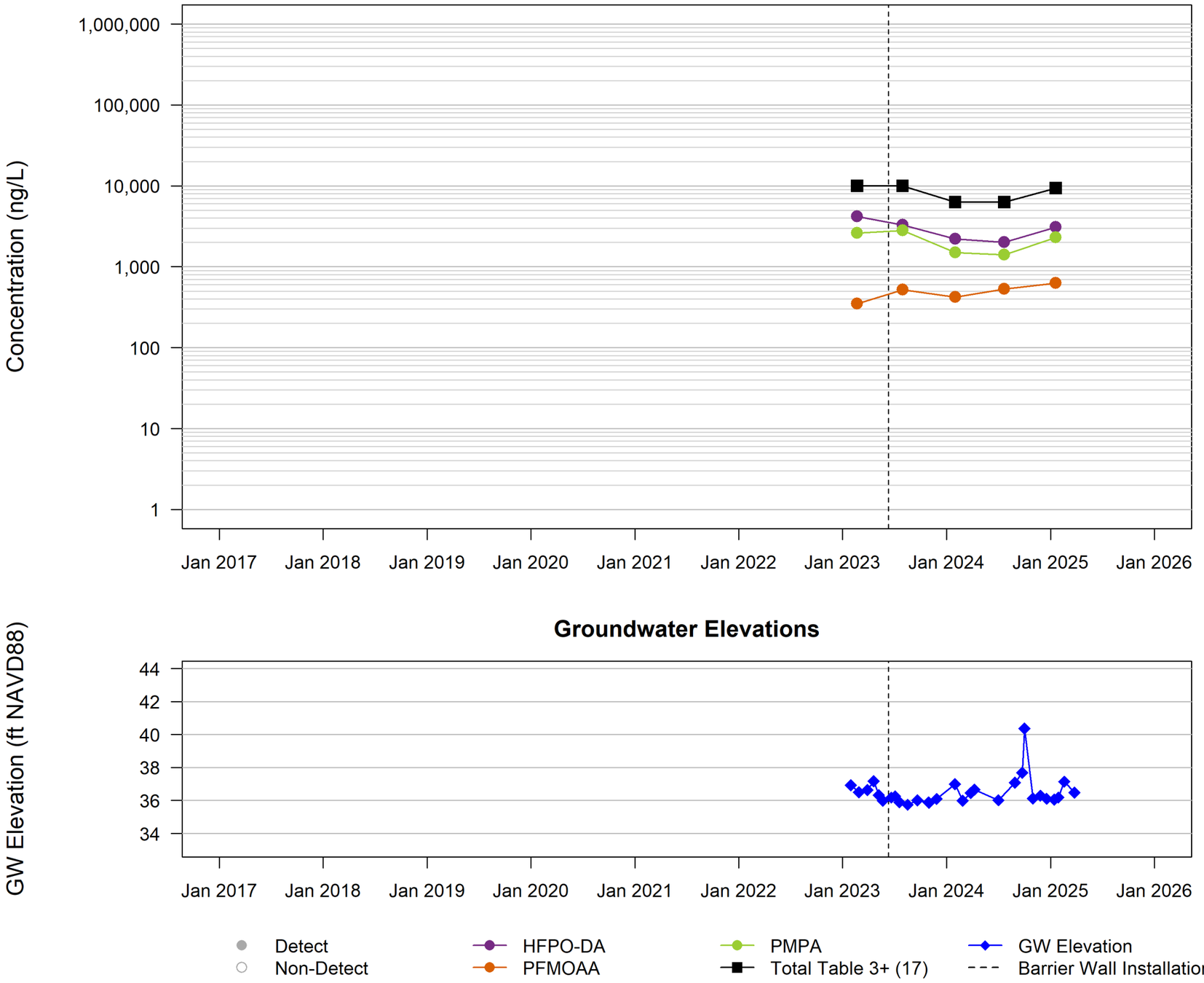
Figure
C.23

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

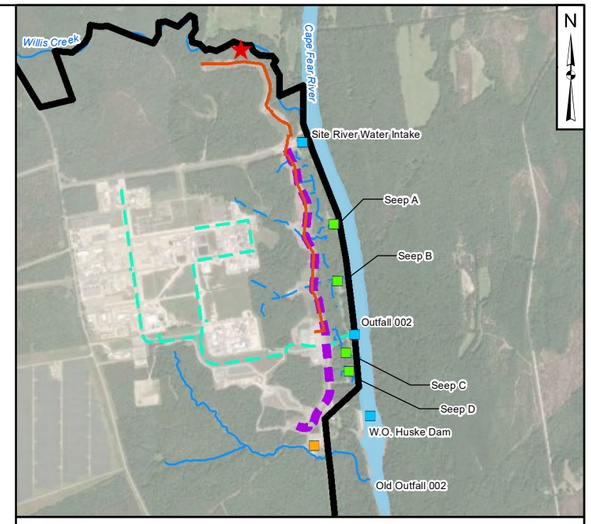
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at OW-56 (Black Creek Aquifer)

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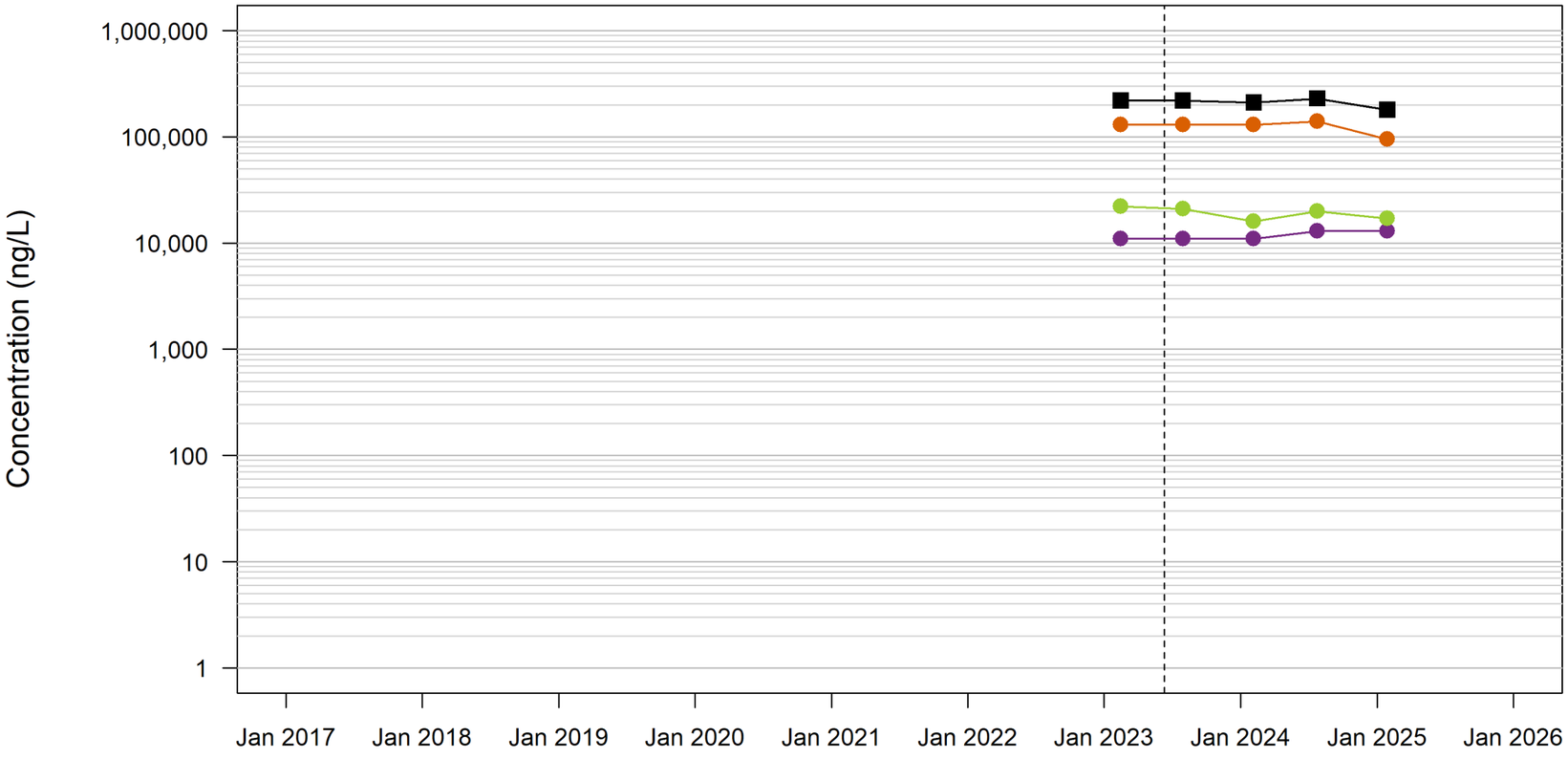
Figure
C.24

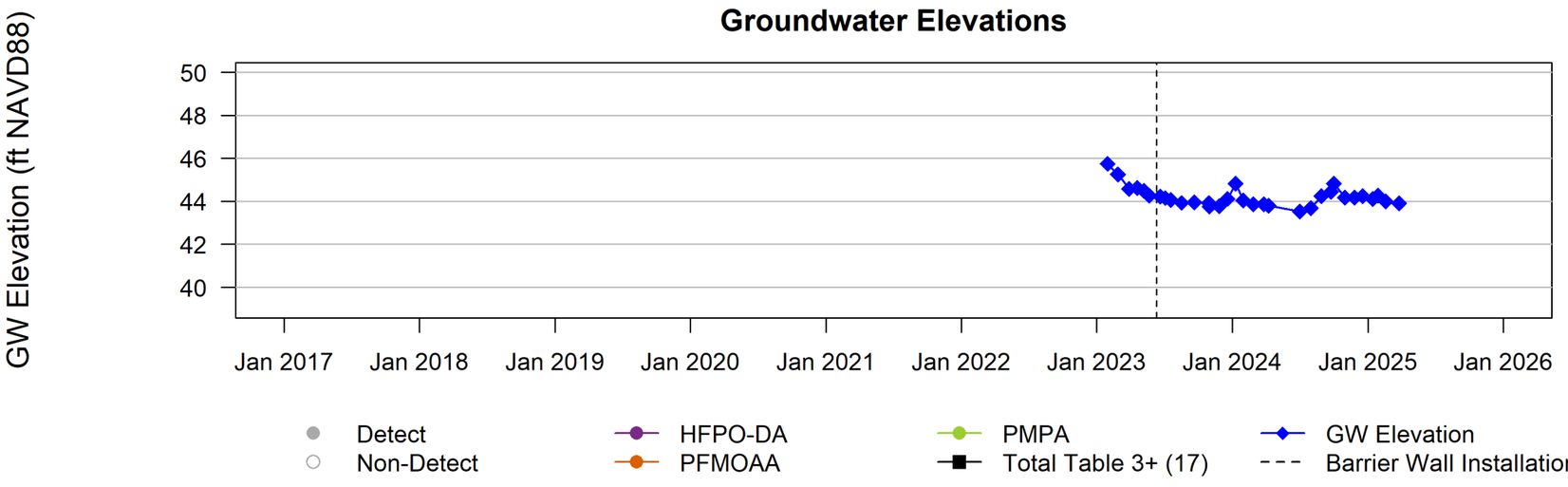
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

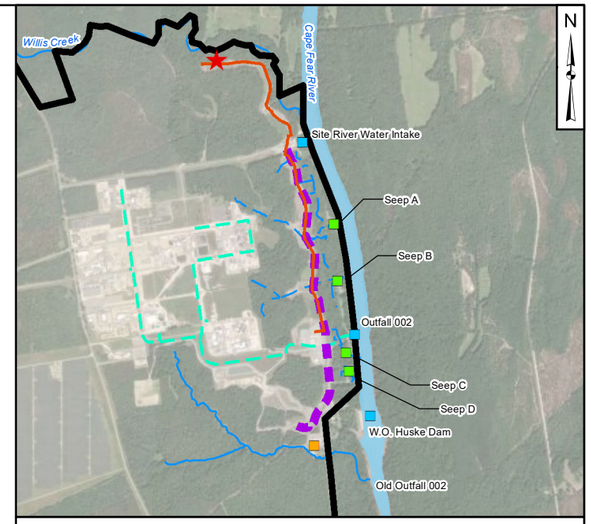
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at OW-57 (Black Creek Aquifer)

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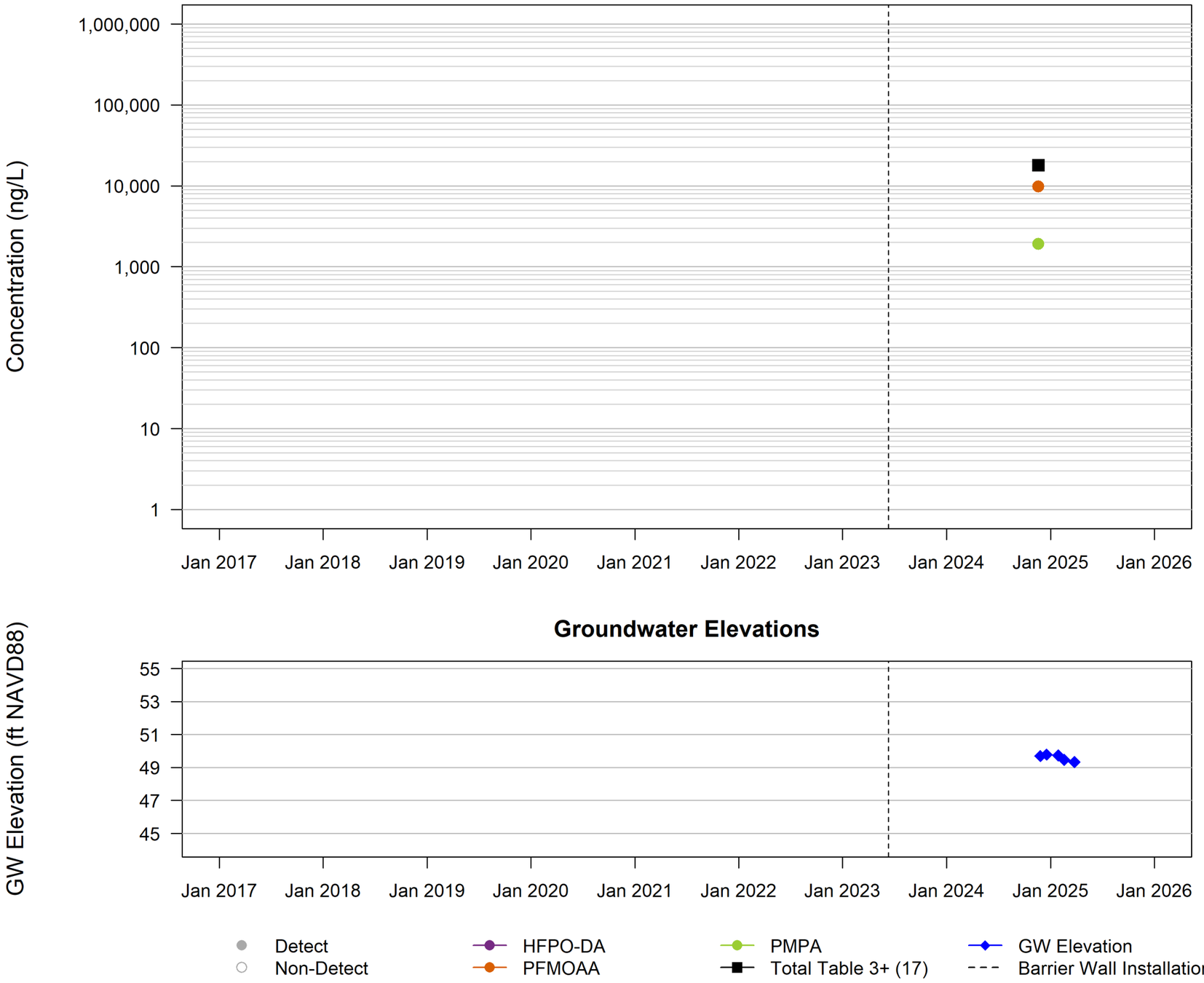
Figure **C.25**

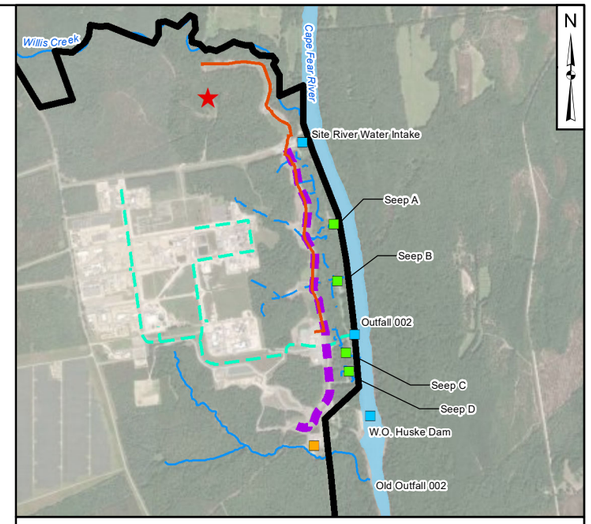
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

Table 3+ Analytical Results



Groundwater Elevations

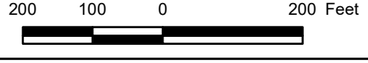


Legend

- 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



Time Trends at OW-59 (Black Creek Aquifer)

Chemours Fayetteville Works, North Carolina

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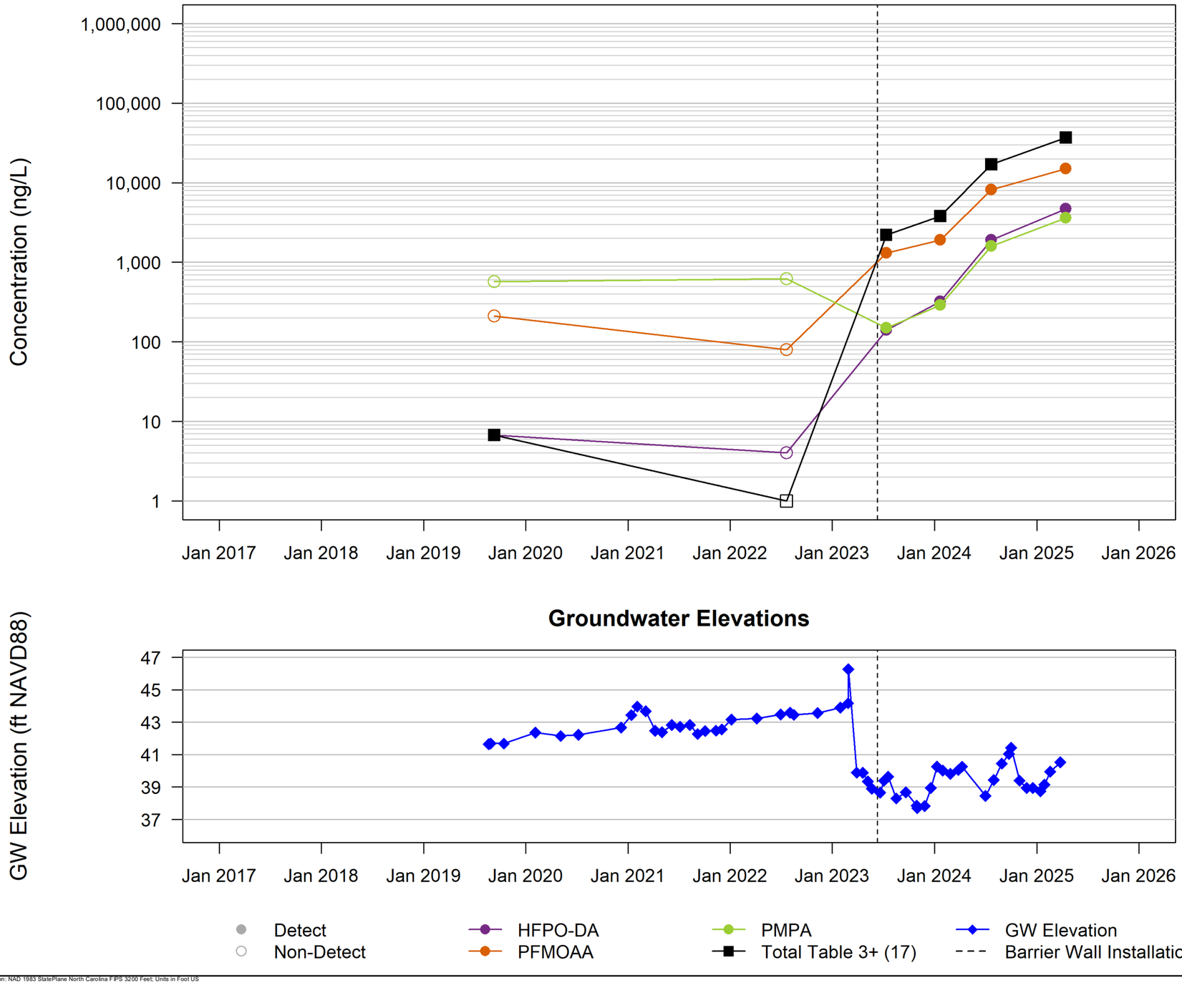
Figure
C.26

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

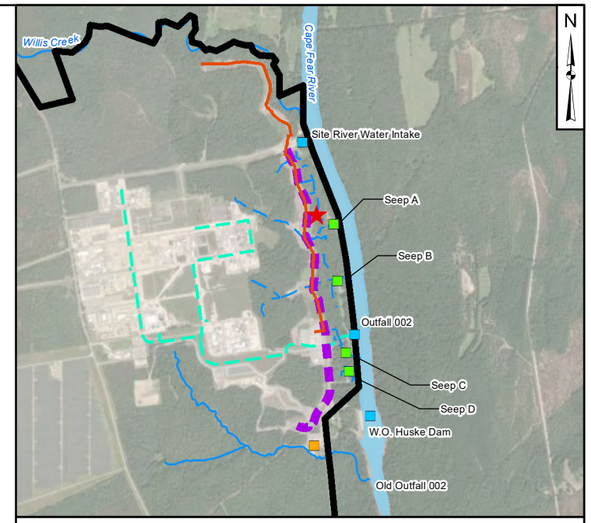
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-4D (Black Creek Aquifer)

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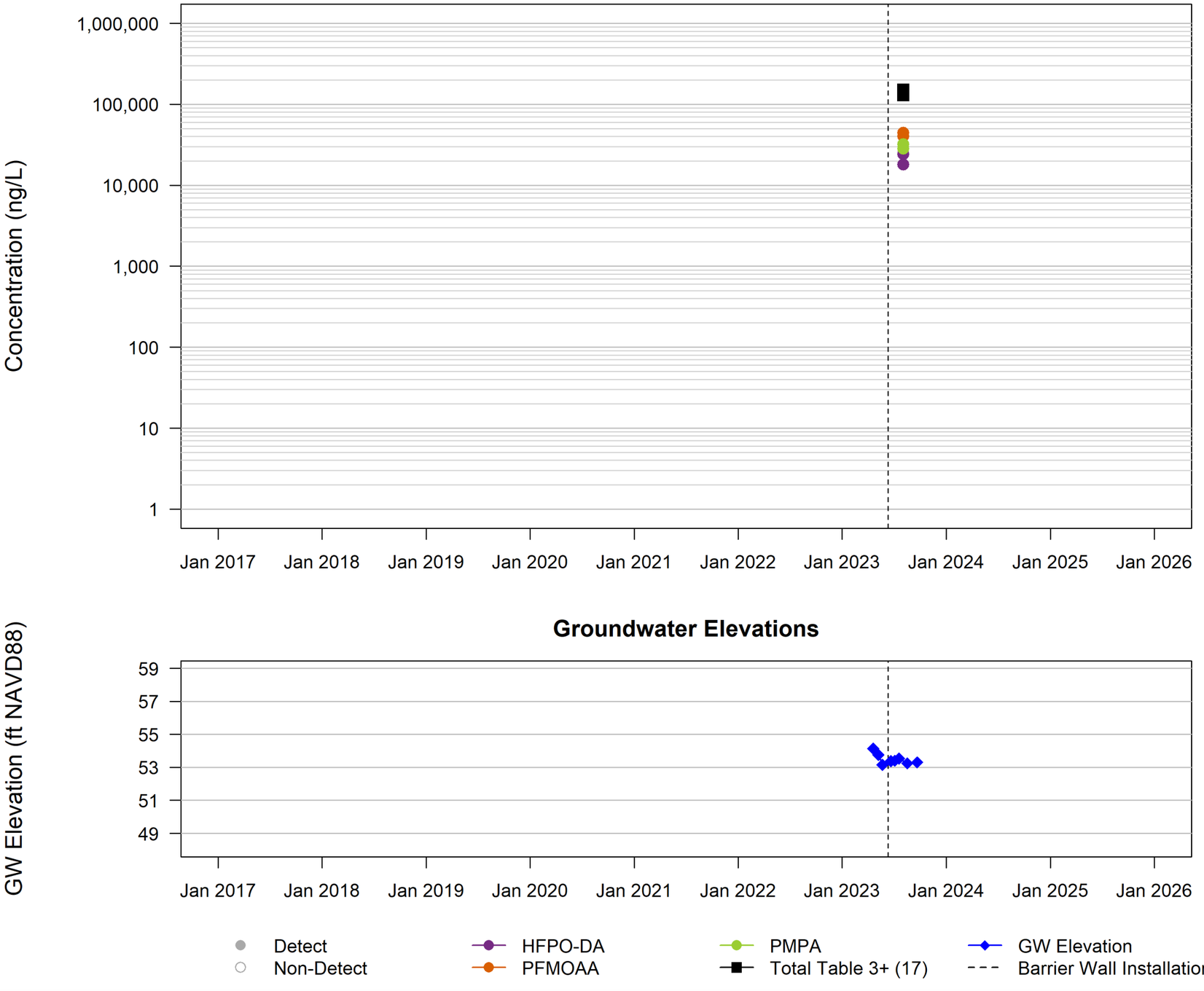
Figure
C.27

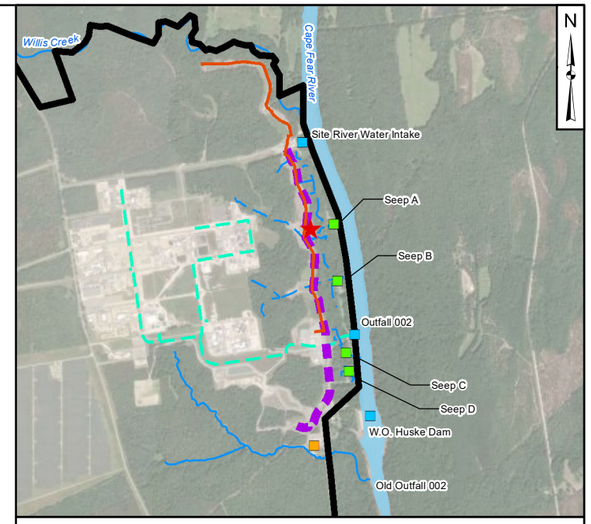
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd; Tip; 5/21/2025

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 PIW-5SR (Surficial Aquifer)

Chemours Fayetteville Works, North Carolina

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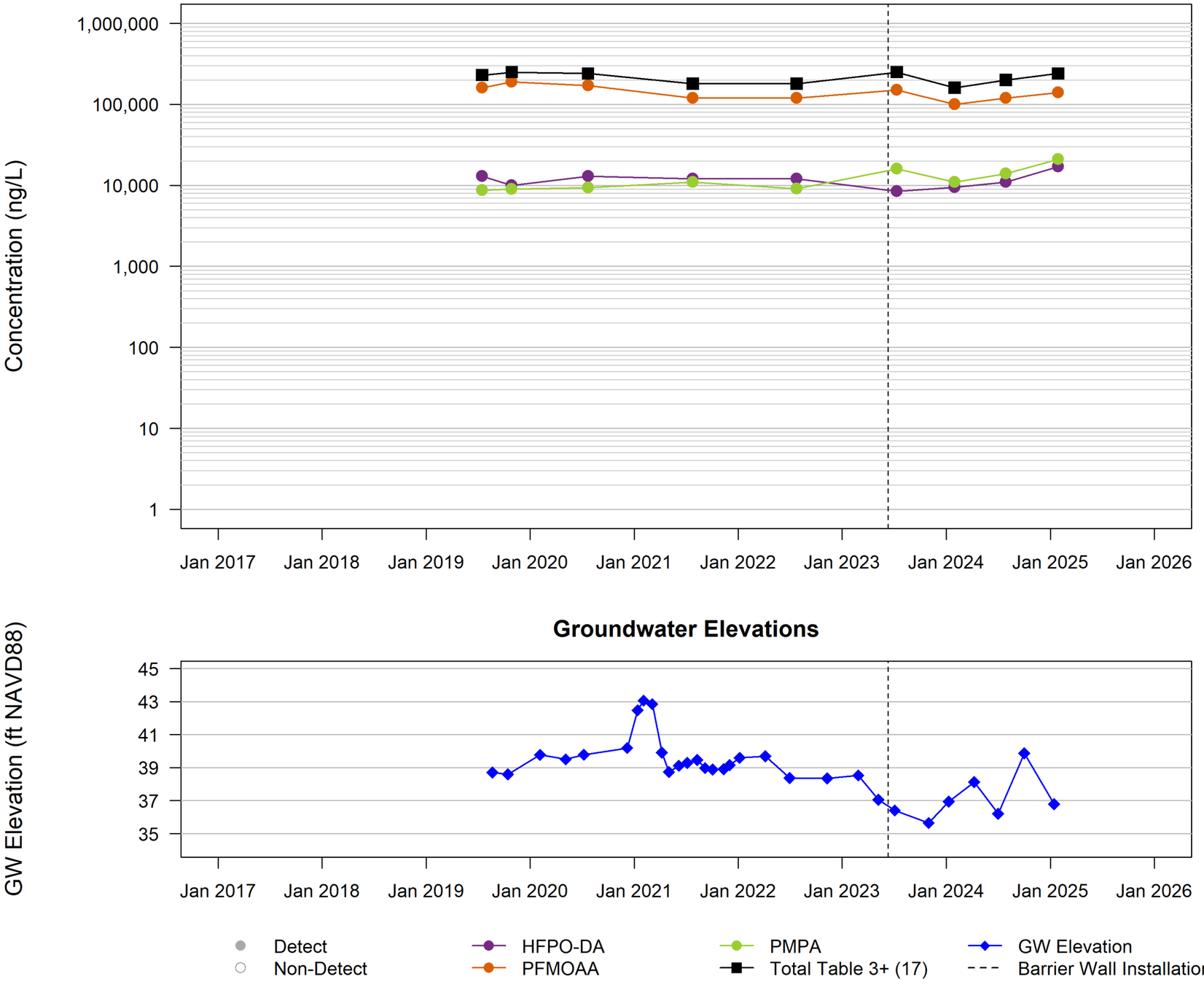
Figure **C.28**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

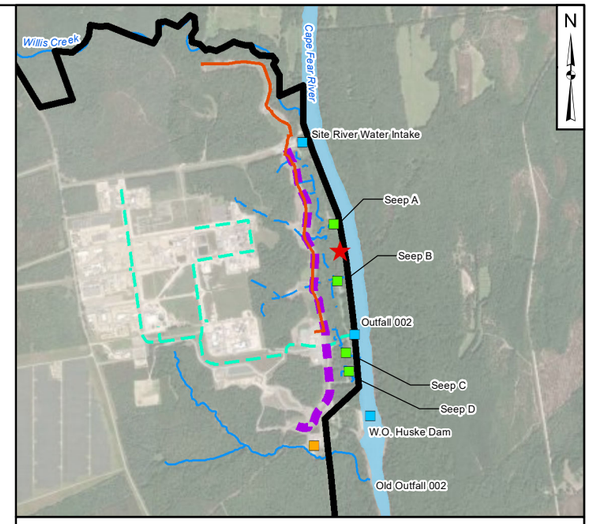
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-6S (Floodplain Deposits)

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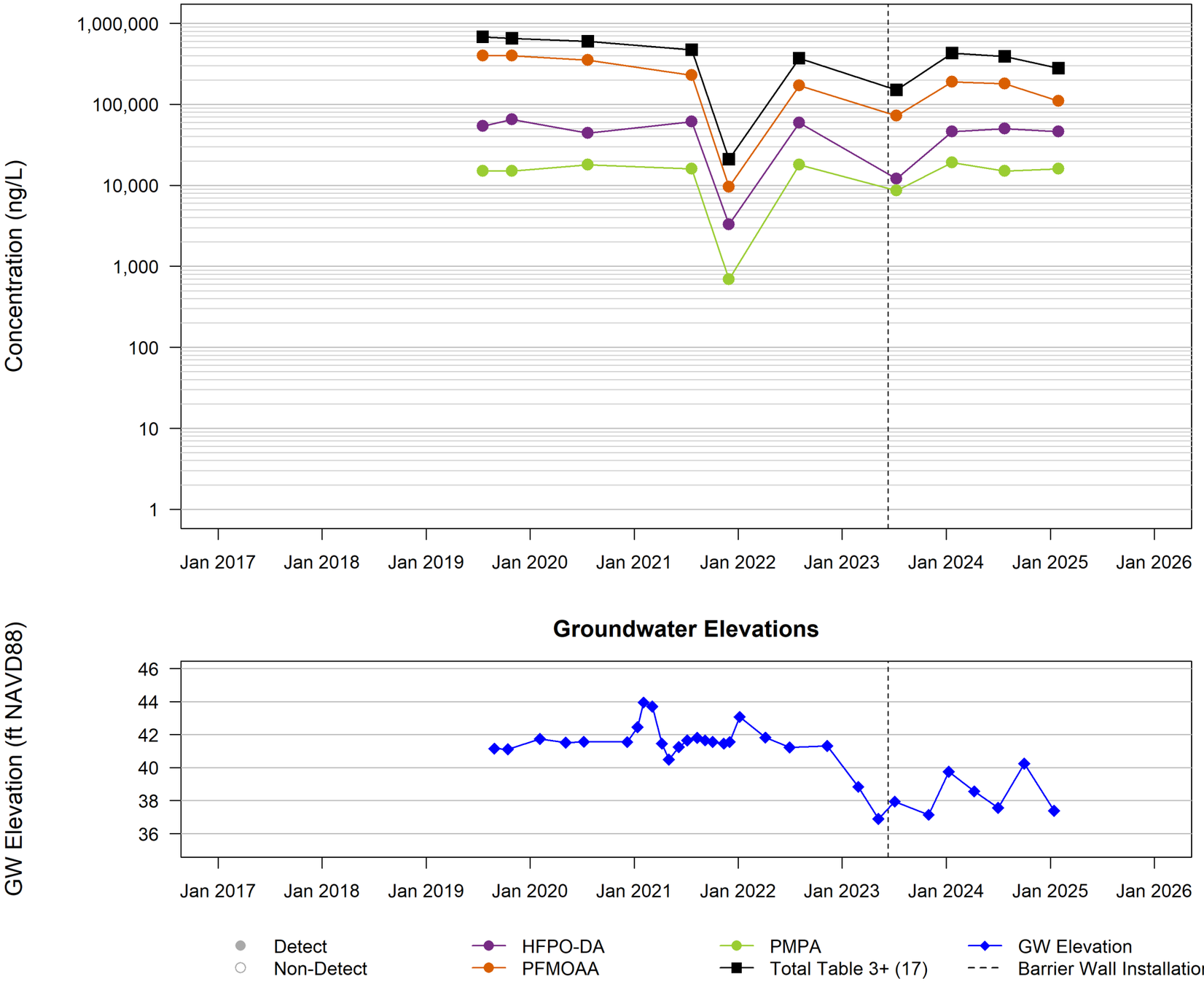
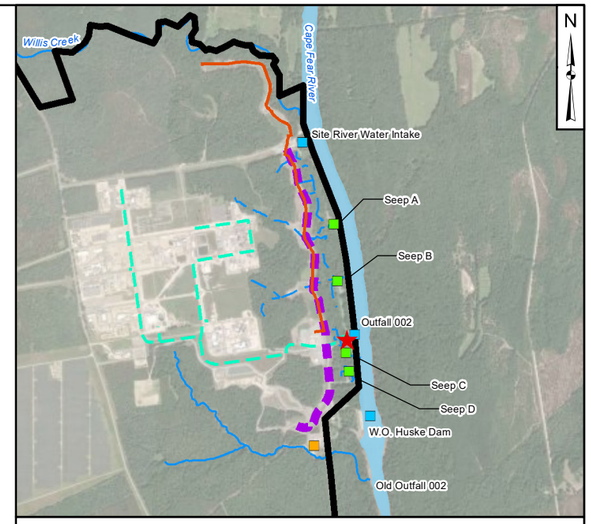
Figure
C.29

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

Table 3+ Analytical Results





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-8D (Black Creek Aquifer)

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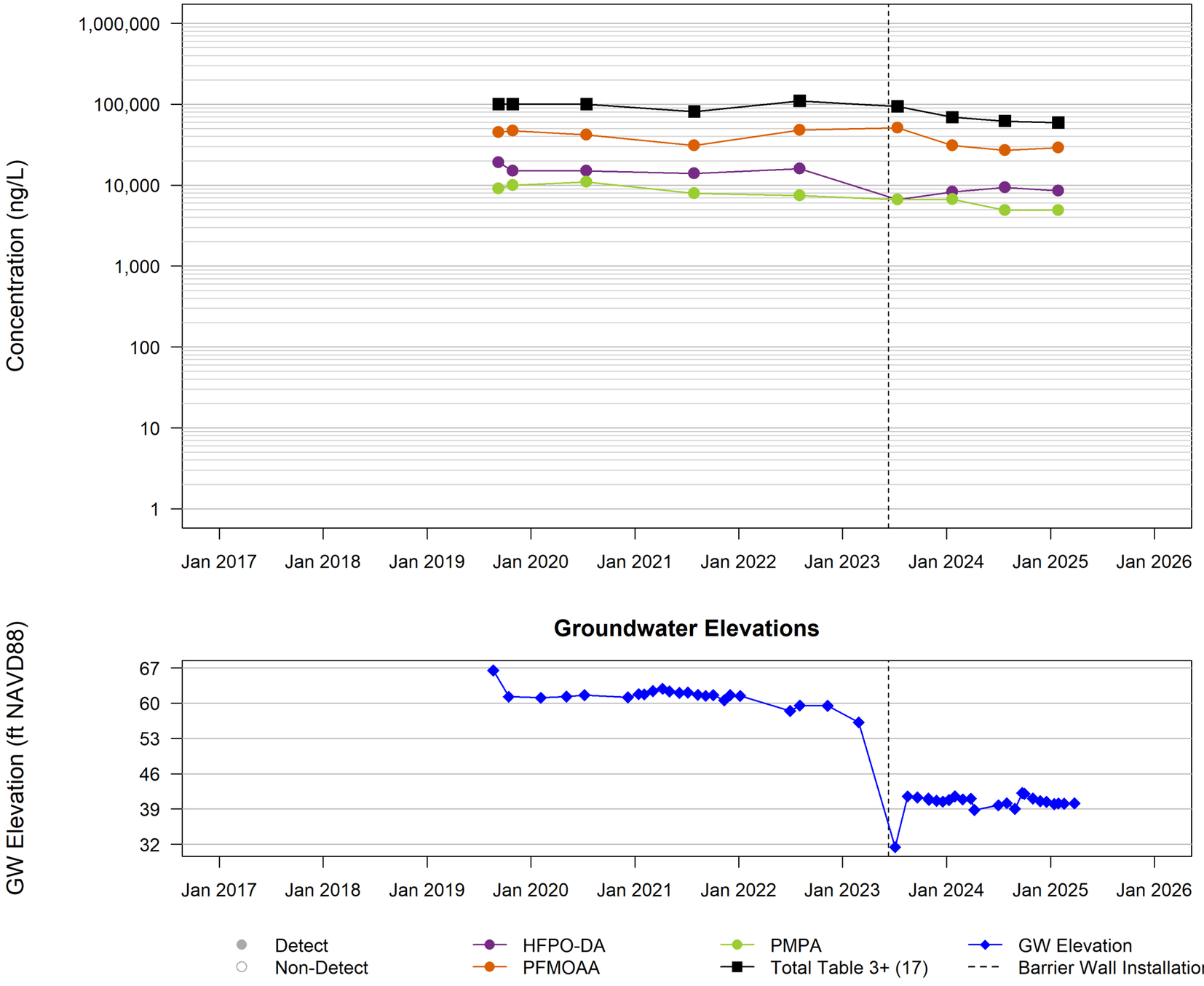
Figure **C.30**

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

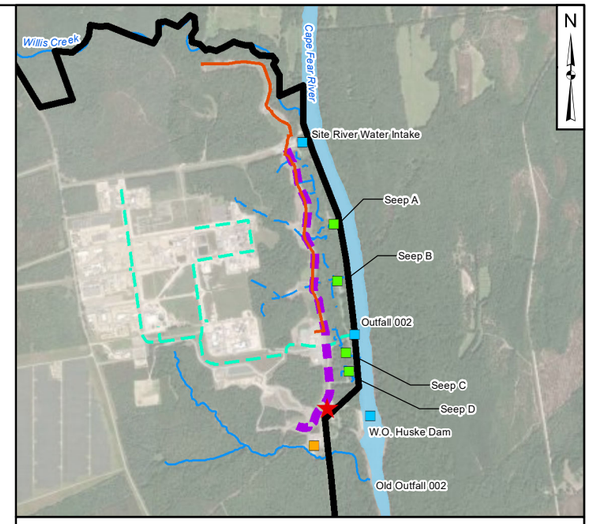
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

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

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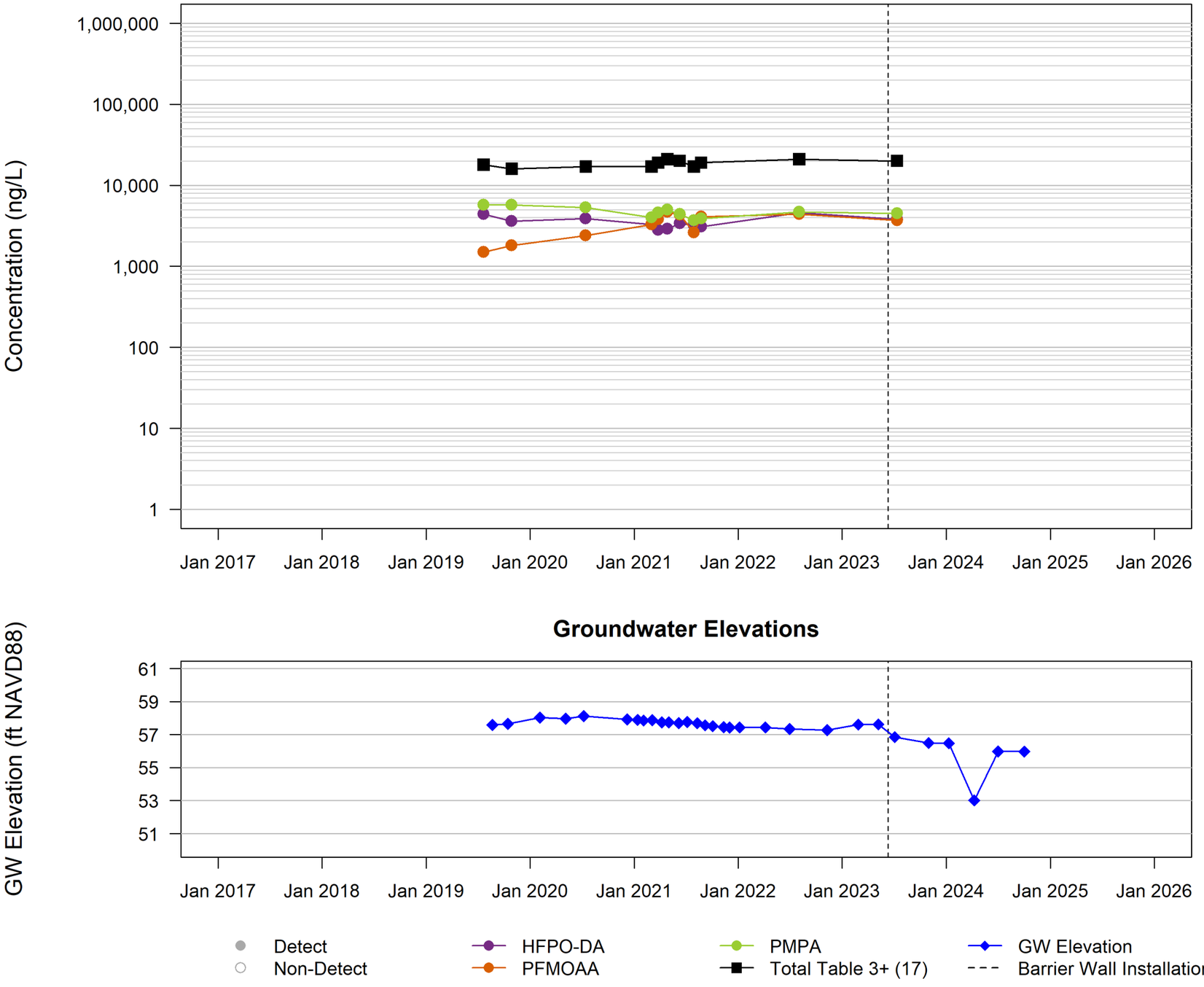
Figure
C.31

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

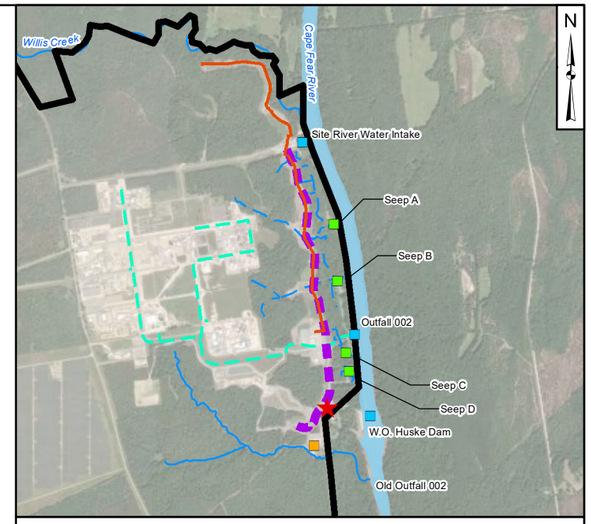
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-10S (Surficial Aquifer)

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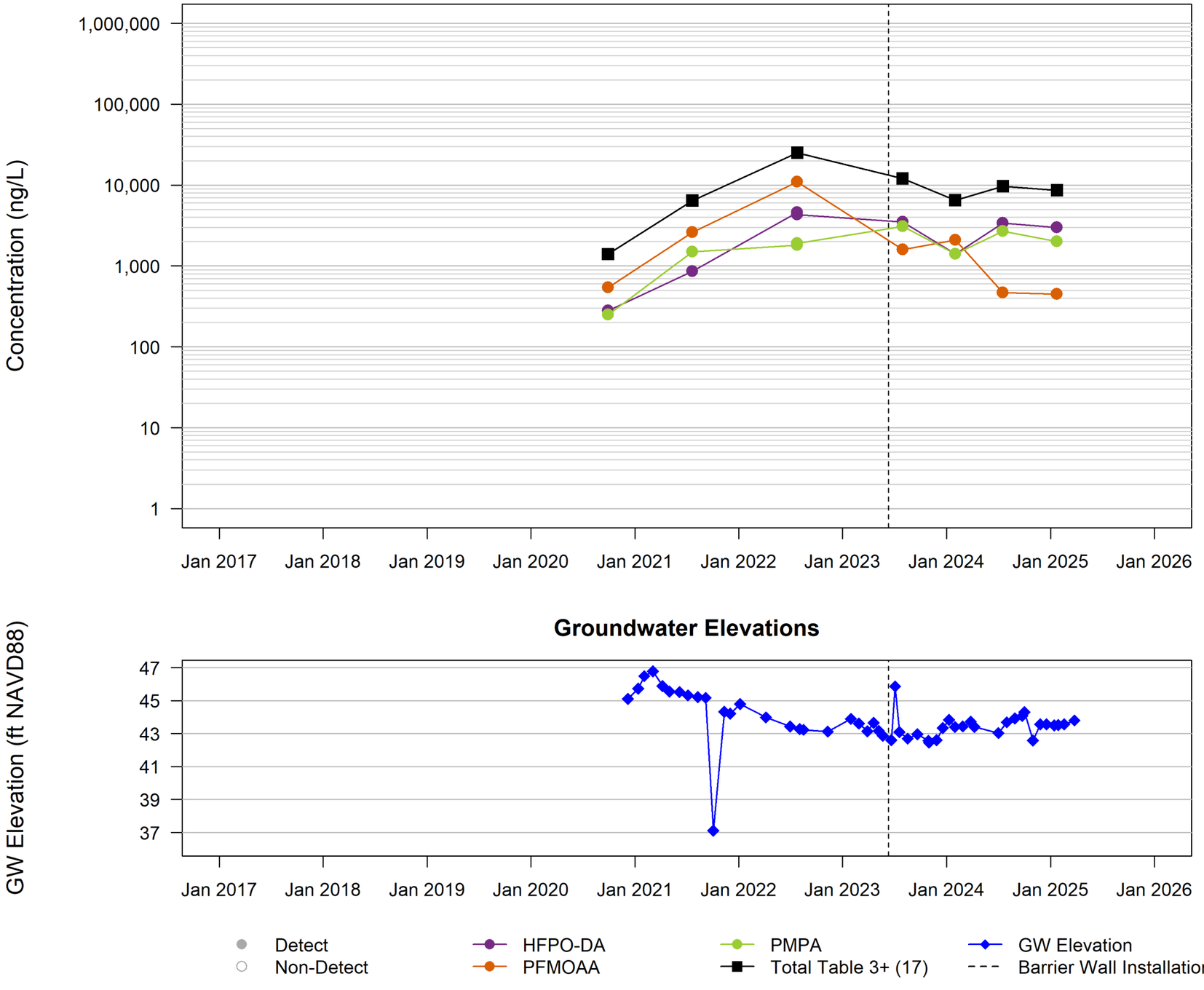
Figure
C.32

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

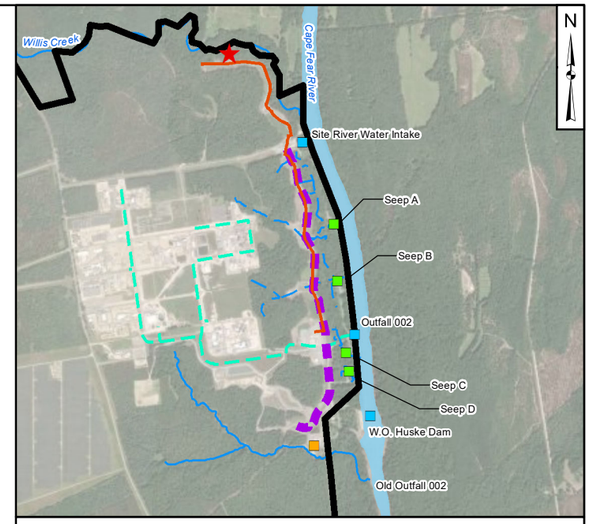
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-11 (Black Creek Aquifer)

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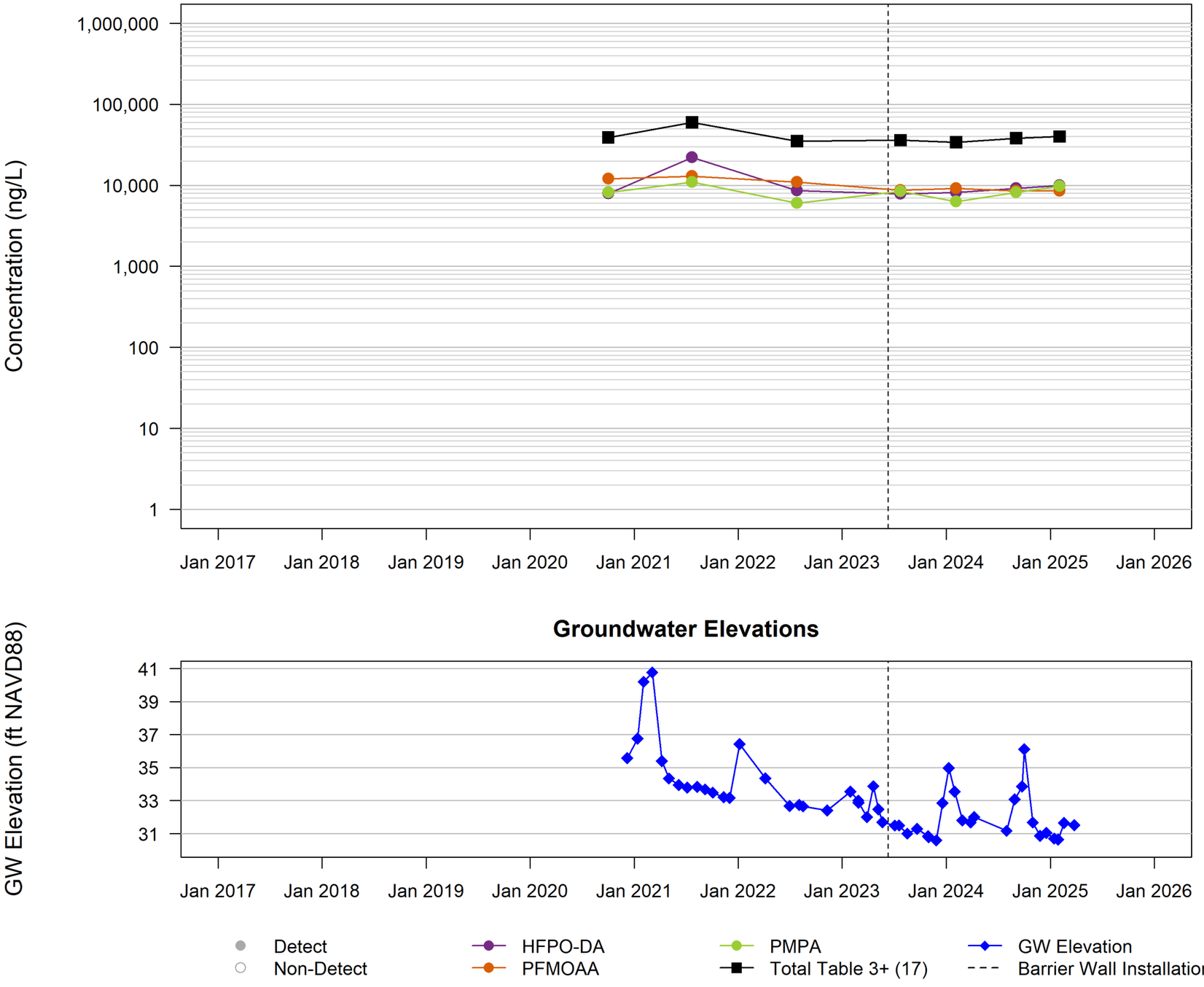
Figure
C.33

Path: P:\PRJ\Projects\TR0795\Database and GIS\Output\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

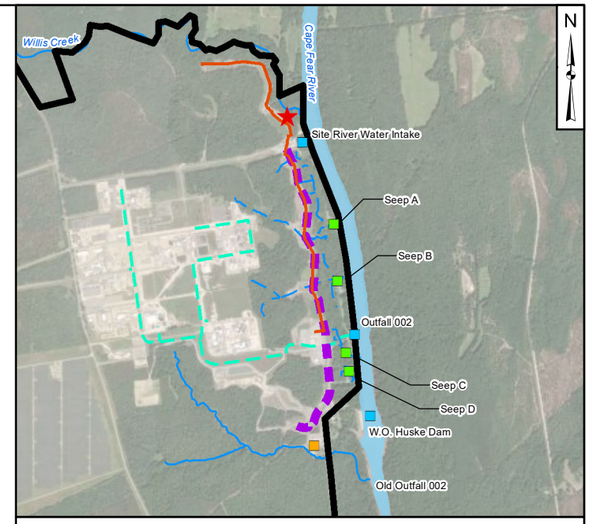
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-15 (Black Creek Aquifer)

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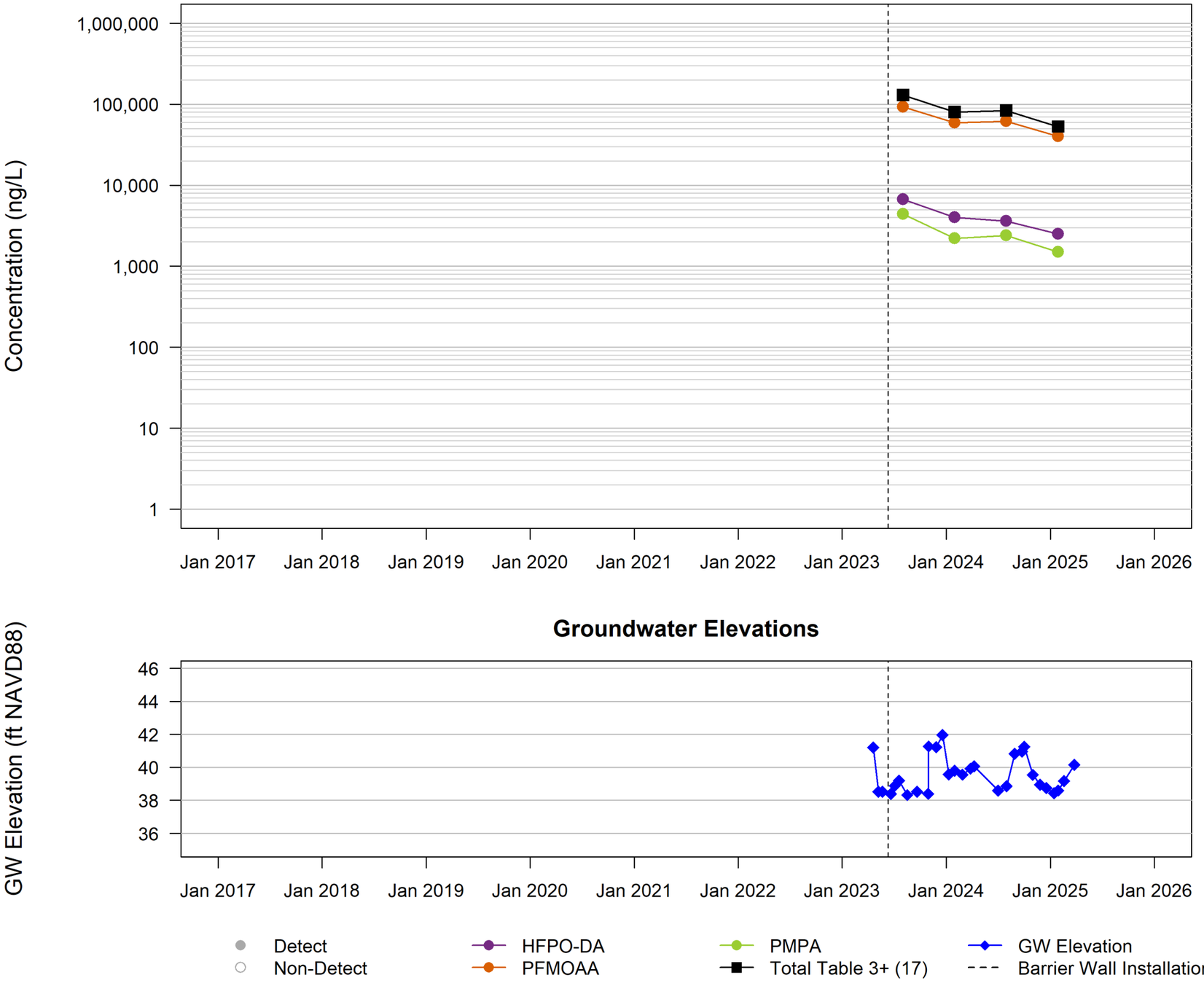
Figure
C.34

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

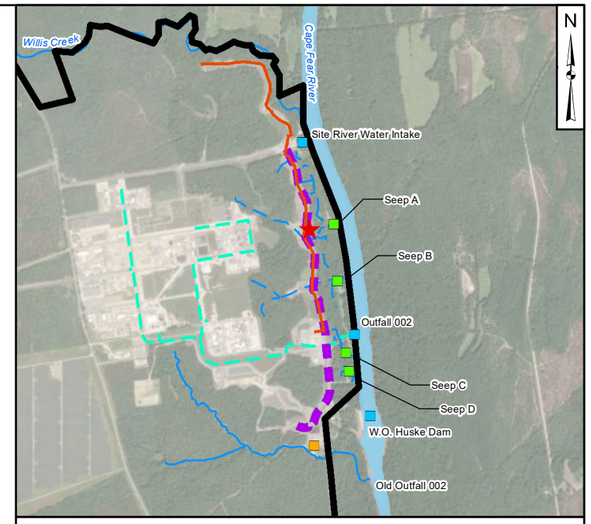
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

Detect
Non-Detect
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
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.
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at PW-10RR (Black Creek Aquifer)

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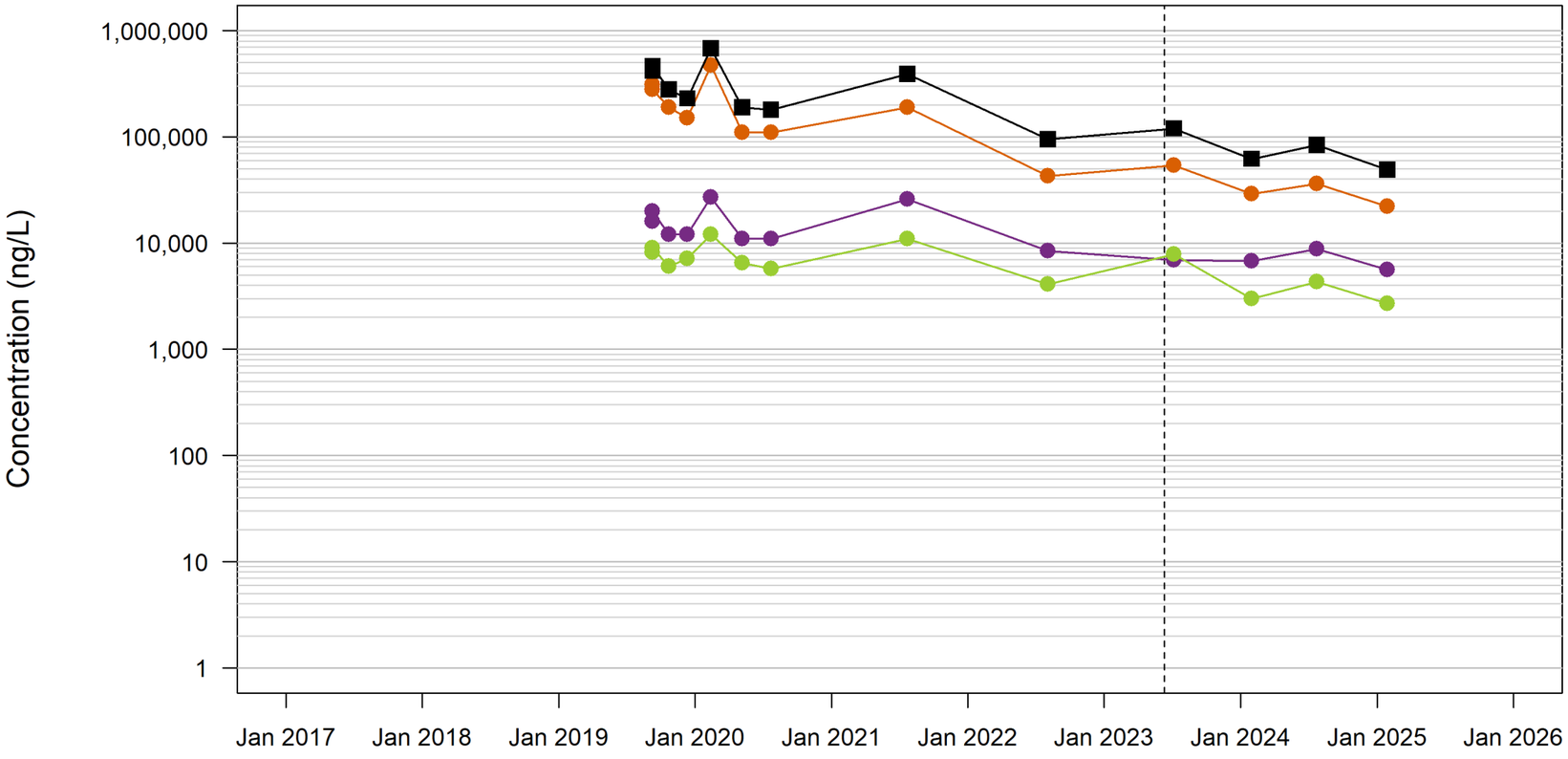
Figure
C.35

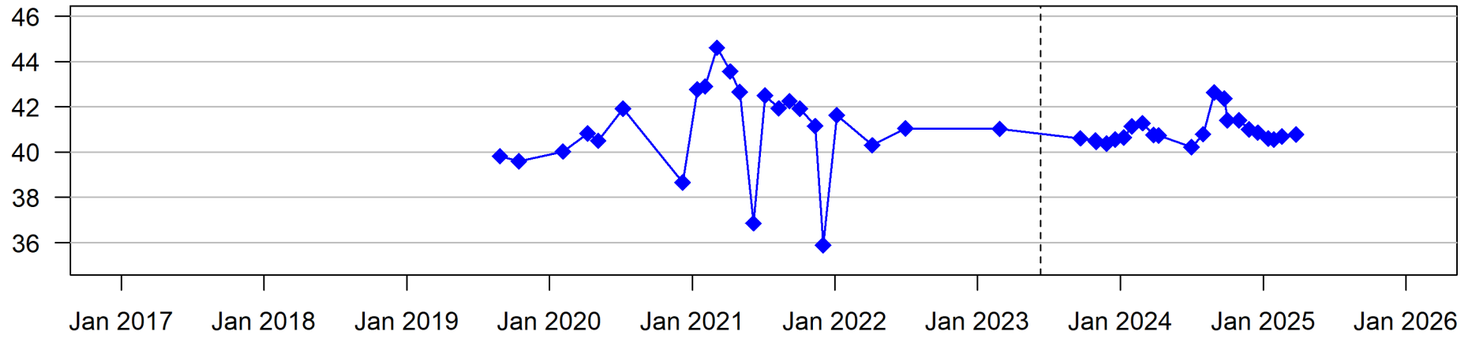
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

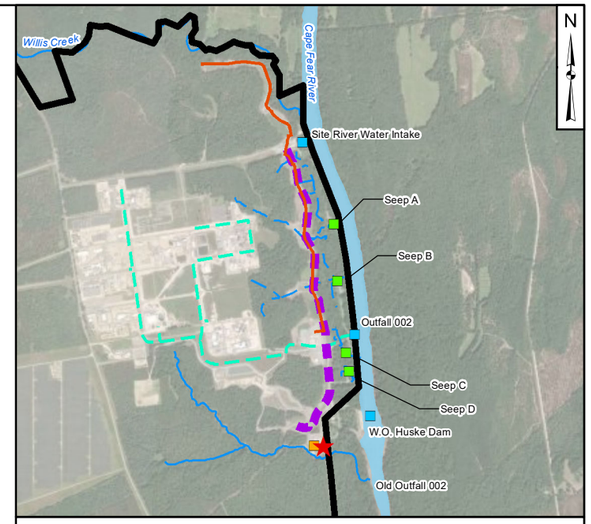
Table 3+ Analytical Results



Groundwater Elevations



Detect
Non-Detect
HFPO-DA
PFMOAA
PMPA
Total Table 3+ (17)
GW Elevation
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.
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3. Basemap source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

200 100 0 200 Feet

Time Trends at PW-11 (Black Creek Aquifer)

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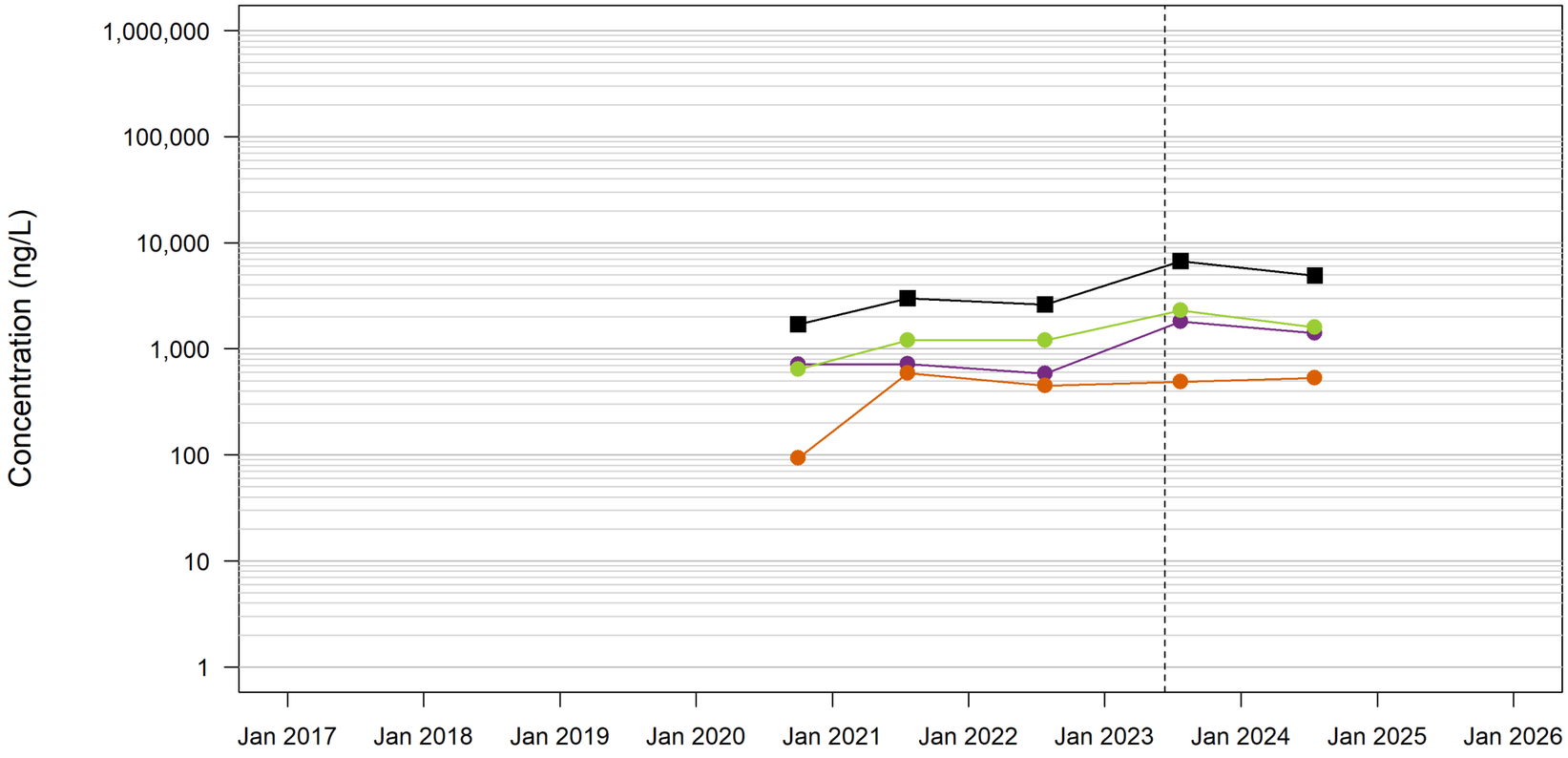
Figure
C.36

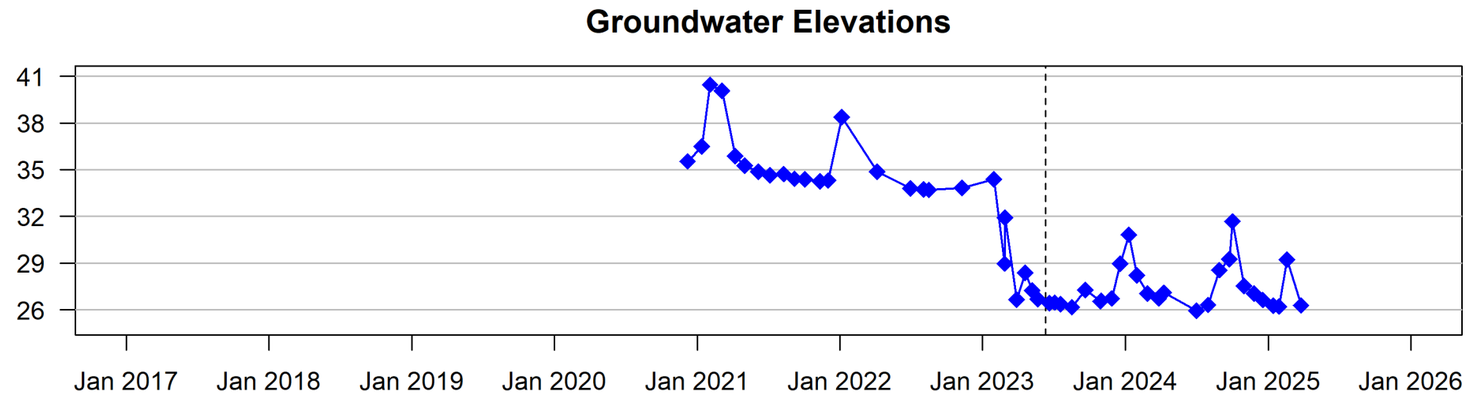
Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendsOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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

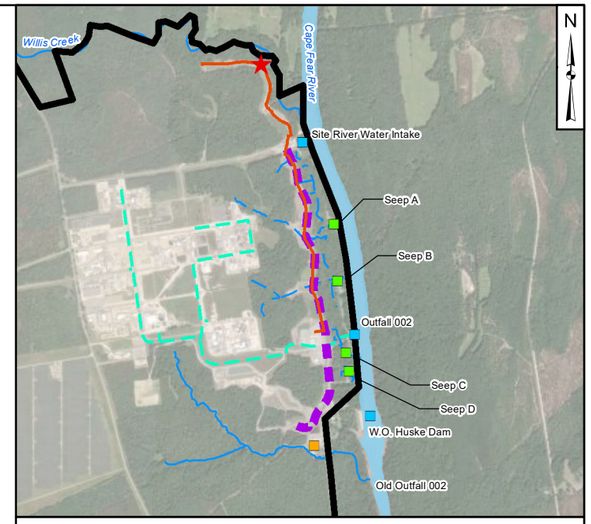
Table 3+ Analytical Results



Groundwater Elevations



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

200 100 0 200 Feet

Time Trends at PIW-12 (Black Creek Aquifer)

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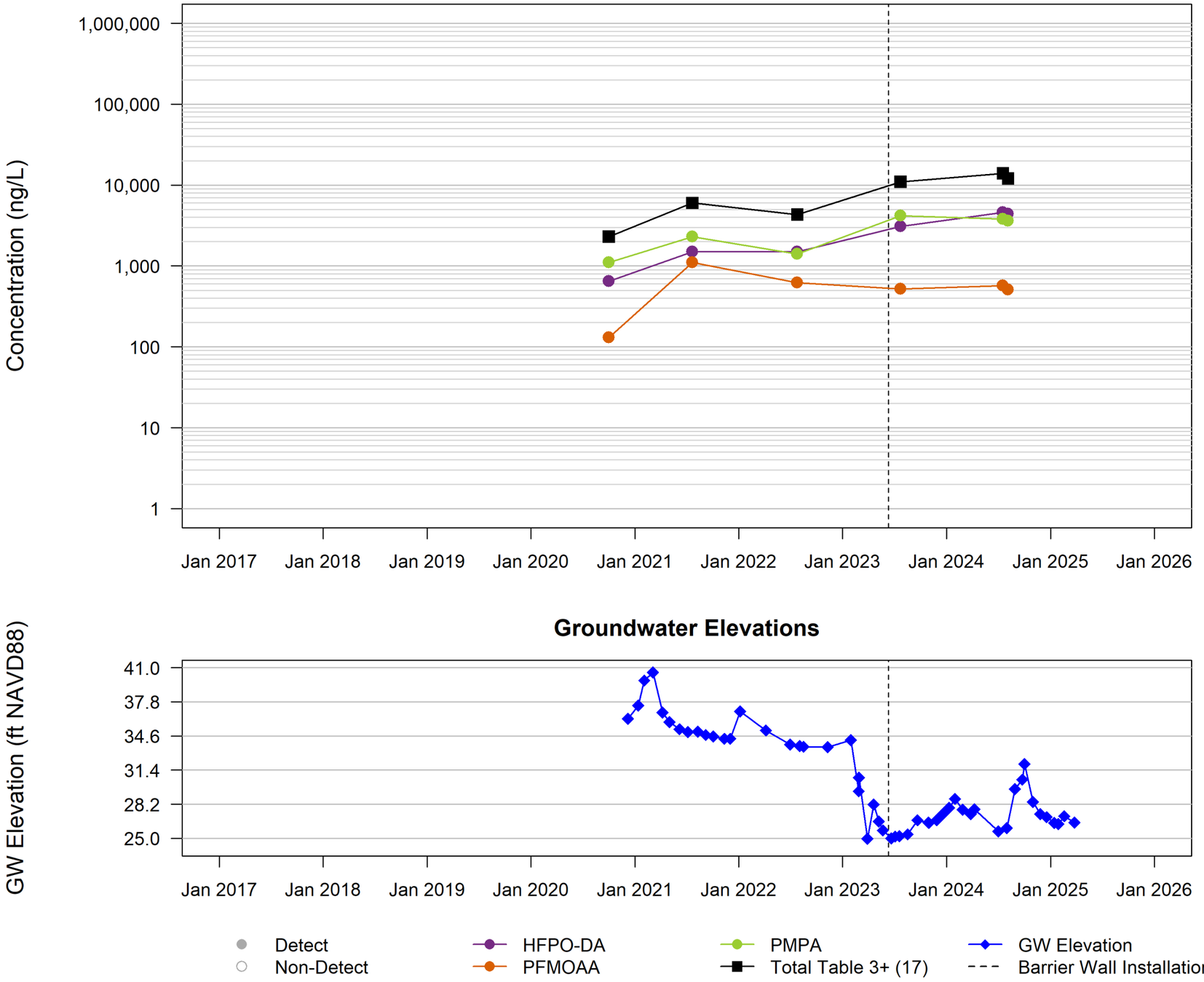
Figure
C.37

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

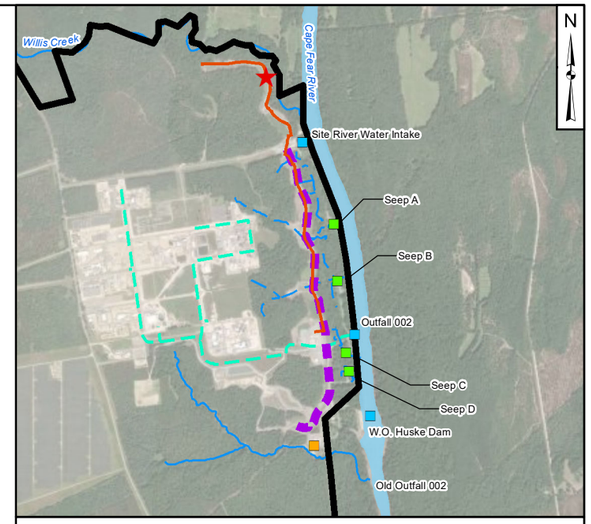
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-13 (Black Creek Aquifer)

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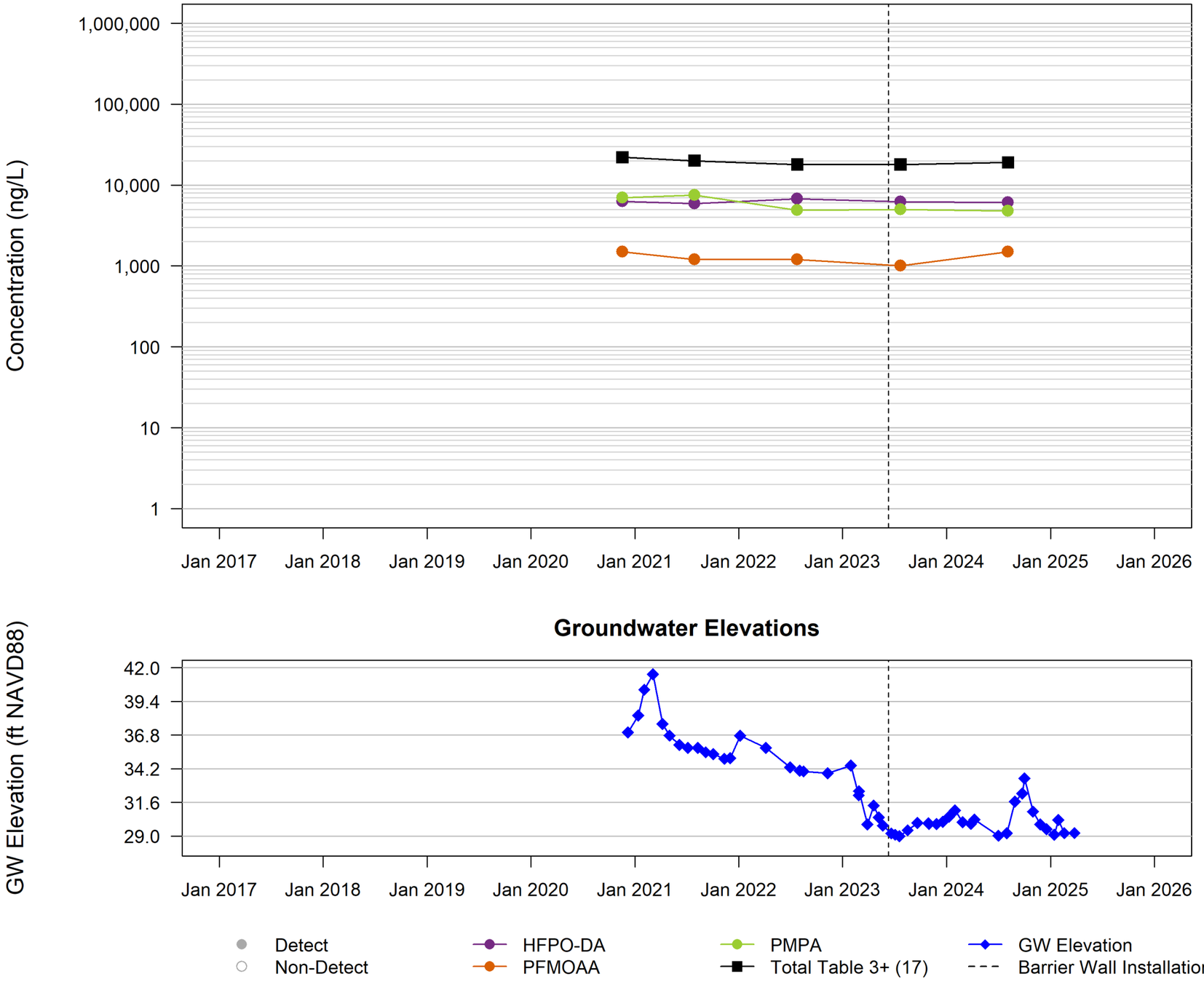
Figure
C.38

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tip, 5/21/2025

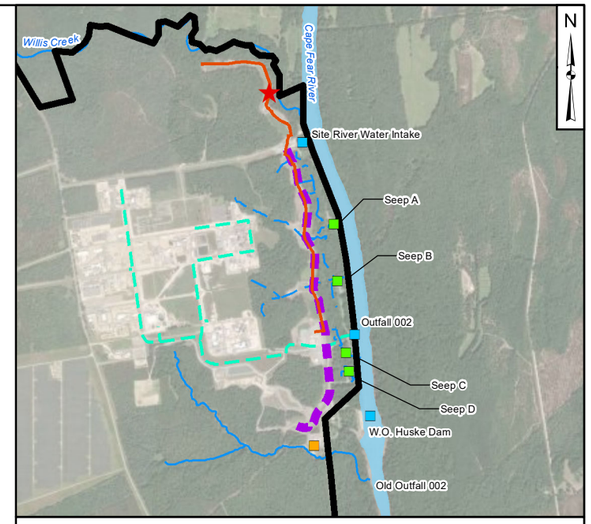
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US

Table 3+ Analytical Results



Groundwater Elevations

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

200 100 0 200 Feet

Time Trends at PIW-14 (Black Creek Aquifer)

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Figure
C.39

Path: P:\PRJ\Projects\TR0795\Database and GIS\Outputs\Time Trends\TR0795_TimeTrendOnsiteWellNetwork\Figure_ForReporting_GWEC.mxd, Tlo, 5/21/2025

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