



Geosyntec Consultants of NC, P.C.
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INTERIM SEEP REMEDIATION OPERATION AND MAINTENANCE REPORT #10

Chemours Fayetteville Works

Prepared for

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EXECUTIVE SUMMARY

This Operations and Maintenance Report #10 (O&M Report #10) has been prepared to document the operations, maintenance, and performance of the flow-through cells at Seeps A, B, C, and D from July 1 through August 31, 2022. The median flow rate processed by the Seep A, B, and C, and D FTCs was 79, 121, 52, and 58 gallons per minute (gpm), respectively. As documented in the previous O&M Reports #1 through #9, the FTC systems are capable of capturing total base flow under favorable hydraulic conditions, and additionally capture and treat a portion of wet weather flow as well. In total, over the two-month reporting period, the systems processed approximately 29,500,000 gallons of seep flow. Composite samples from performance monitoring indicated that the average PFAS removal efficiency of the captured base flow was approximately 99.6%, and the FTCs are estimated to have prevented approximately 51.2 pounds (lbs) of PFAS from being discharged to the Cape Fear River in the reporting period, and 426.5 lbs of PFAS over the lifetime of the systems to date.

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LIST OF ACRONYMS AND ABBREVIATIONS

%	percent
CO Addendum	Addendum to Consent Order Paragraph 12
DB	Discharge Basin
DO	Dissolved oxygen
ESB	Effluent Stilling Basin
FB1	Filter Bed-1
FB2	Filter Bed-2
FTC	flow-through cell
ft msl	feet mean sea level
GAC	granular activated carbon
gpm	gallons per minute
HDPE	high-density polyethylene
HFPO-DA	hexafluoropropylene oxide dimer
IC	Inlet Chamber
IP	Individual Permit
ISB	Influent Stilling Basin
lbs	pounds
mg/L	milligrams per liter
ng/L	nanograms per liter
NTU	nephelometric turbidity units
O&M	Operation and Maintenance
PFAS	per- and polyfluoroalkyl substances
PFD	Process Flow Diagram
PFMOAA	perfluoro-2-methoxyacetic acid
PMPA	perfluoromethoxypropyl carboxylic acid
TB	Transfer Basin
TSS	total suspended solids
USGS	United States Geological Survey

1. INTRODUCTION

Geosyntec Consultants of NC, P.C. (Geosyntec) has prepared this Interim Seep Remediation Operation and Maintenance (O&M) Report #10 (“O&M Report #10”) on behalf of The Chemours Company FC, LLC (Chemours) to provide a summary report of Operations and Maintenance for the flow-through cells (FTCs) installed as the interim remediation systems at Seeps A, B, C and D at the Chemours Fayetteville Works Site (the Site). This O&M Report #10 has been prepared for the operational period of July 1 through August 31, 2022. The next O&M Report (#11) will cover the bimonthly period of September 1 through October 31, 2022.

As the O&M Report #1 from March 31, 2021 presented FTC performance data for the first time, detailed information was provided on the hydraulic mechanics of the system, flood management practices, data collection methodology and reduction process, and flow calculation formulas. As a simplifying step for presentation clarity, at various sections in this O&M Report #10, reference is made to these details in O&M Report #1. For an overview of the hydraulic functionality of the system, see Section 1.1 of O&M Report #1.

2. INSPECTIONS, OPERATION, AND MAINTENANCE

The following sections describe the inspections, operation, and maintenance activities completed at the four FTCs during the current reporting period (July 1 through August 31, 2022).

2.1 Inspections

Per the CO Addendum, routine inspections occurred on a weekly basis (at a minimum), and also occurred after 0.5 inches or greater rain events within a 24-hour period. An Inspection Form was filled out by operation, maintenance, and monitoring personnel during each inspection.

The routine inspections included, but were not limited to:

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

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

2.2 Duty Cycling

As described in Section 1.1 of the O&M Report #1, the Seep FTCs are constructed of two filter beds which typically operate in series. Tables 1a-d detail the filter bed configurations for Seeps A, B, C, and D over the reporting period of July 1 through August 31, 2022. The approximate number of days each filter bed was in lead during the reporting period for Seeps A, B, C, and D is summarized in the table below:

Seep	FB1 Lead (days)	FB2 Lead (days)	Total Uptime in Reporting Period (days)
A	29	33	62
B	29	33	62
C	60	2	62
D	48	14	62

2.3 FTC Management During River Flooding

As described in the Interim Seeps Remediation System Plan (Geosyntec, 2020), to treat total base flow of each seep, it was necessary to install the interim remedies within the floodway. The historical river elevations were referenced to develop the design elevations of key features such as the spillway and the top of the wall. Additionally, an action level was developed for autosampler removal to prevent damage to electronic components by flood waters. Based on a review of the historical record, a W.O. Huske Lock and Dam gage height of 10 feet (or approximately 38 feet above mean sea level) was selected as the action level for removing autosamplers. Review of historical river stage data indicated that once the river level exceeded this action level, it would typically continue to rise past the level of the FTC walls.

The Cape Fear River did not rise above the action level during the reporting period (July 1 through August 31, 2022). More details regarding the Cape Fear River are described in Section 4.5.

2.4 Material Changeouts

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

Seep	Filter Bed	GAC Changeouts		
		Date	GAC Age/Lead Days	GAC Removed (pounds [lbs])
D	FB2	7/8/2022	101/52	27,000
A	FB2	7/14/2022	72/44	18,000
B	FB2	7/20/2022	99/71	27,000
C	FB2	8/3/2022	36/0	9,000
C	FB1	8/4/2022	38/36	9,000
A	FB1	8/11/2022	72/29	27,000
B	FB1	8/17/2022	99/29	27,000
D	FB1	8/24/2022	99/48	27,000
<i>Total</i>				<i>171,000</i>

2.5 Issues Encountered and Resolutions

No significant issues were encountered during the reporting period.

3. DATA COLLECTED

The FTC includes design components to measure water levels in the system, precipitation, water quality, and PFAS removal performance. The W.O. Huske Lock and Dam gage station is also used to reference nearby precipitation and river levels.

3.1 Pressure Transducers

The IC and Effluent Stilling Basin (ESB) are each equipped with a stilling well in which a non-vented Levelogger® is installed below the operational water level. The water levels acquired from processing the transducer data are used to estimate flows the system processes, and to record the occurrence of flow that is diverted past the system via the Bypass Spillway. Section 4.1 of the O&M Report #1 describes the process used to calculate the flowrates through the FTC based on the water levels.

The pressure transducer data were downloaded regularly as part of routine inspections (weekly at a minimum). Additionally, manual water level measurements were collected in the basins and stilling wells whenever transducers were downloaded to equilibrate the transducer readings (discussed in Section 4.1).

3.2 Rainfall and River Stage

Precipitation and river stage are monitored by using the United States Geological Survey (USGS) weather monitoring station at the W.O. Huske Dam (gage 02105500). This station is approximately 1,200 feet from Seep C and records precipitation and river elevation data every 15 minutes.

3.3 Operational and Treatment Performance Monitoring

Operational and performance monitoring of the system includes the composite collection of water samples from various locations in the system, and direct measurement of water quality parameters. The operational and performance monitoring is completed on a regular basis to evaluate:

- PFAS removal efficiency (i.e., performance monitoring)
- breakthrough of PFAS compounds between GAC filter beds, using grab samples on an as-needed basis (i.e., breakthrough monitoring)
- water quality parameters specified in the CO Addendum
- potential effects of 0.5-inch rain events on PFAS concentrations (i.e., wet weather monitoring)

3.3.1 Performance Monitoring

Composite samples for performance monitoring are collected using portable, battery-powered autosamplers (e.g., Teledyne ISCO 6712 Full-Size Portable Sampler). At the end of the sampling period, the operation, maintenance, and monitoring personnel fill laboratory-supplied sample containers from the common container within the autosampler. Sampling is conducted in

accordance with the PFAS Quality Assurance Project Plan (AECOM, 2018). Any adjustments made to address potential deficiencies (e.g., low battery power, river flooding) are documented on the Inspection Form.

During this reporting period, four sets of performance monitoring samples each were collected from Seeps A, B, C, and D. Dates of composite periods for each sample are listed in Table 2.

Samples were stored on wet ice in a cooler until shipment to an external laboratory (Eurofins TestAmerica Laboratories Sacramento or Lancaster). Chain-of-custody documents were completed and included with each shipment. Performance monitoring samples were analyzed for Table 3+ PFAS, as outlined in the *Interim Seep Remediation System Plan* (Geosyntec, 2020).

3.3.2 Breakthrough Monitoring

Grab samples were collected from the IC, TB, and ESB at Seeps A-D for evaluation of system performance and the need for GAC changeouts. Nine sets of breakthrough monitoring samples each were collected from Seeps A, B, C, and D during this reporting period (36 total).

3.3.3 Water Quality Monitoring

Water quality in the IC and ESB at Seeps A-D was generally monitored at the same frequency as performance monitoring described above. Dissolved oxygen (DO), pH, turbidity, specific conductivity, and temperature were measured using a calibrated In-Situ Aqua TROLL 500 Multiparameter Sonde.

3.3.4 Rain Event Monitoring

Wet weather samples were collected at a frequency of at least once per calendar month following a rain event of at least 0.5 inches within a 24-hour period. Composite samples for wet weather monitoring are collected using Teledyne ISCO 6712 Full-Size Portable Samplers (the same make and model as performance monitoring discussed above, but a dedicated set for wet weather sampling only). The wet weather autosamplers are equipped with Teledyne 674 rain gauges that measure rainfall depth. When rainfall exceeds 0.5 inches in a 24-hour period, the rain gauge sends a signal to the Teledyne 6712 to begin a sampling cycle, where the autosampler collects aliquots every hour for 24 hours. Operation, maintenance, and monitoring personnel fill sample containers and follow the same sample collection protocols for wet weather as described in Section 3.3.1 above.

Wet weather monitoring samples were analyzed for Table 3+ PFAS, as outlined in the *Interim Seep Remediation System Plan* (Geosyntec, 2020). Table 2 lists the wet weather samples collected at Seeps A-D during the reporting period and the associated cumulative rainfall prior to the sampling timeframe.

3.4 Deviations

Deviations in data collected are described below.

3.4.1 Performance Monitoring Sampling Deviations

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

- Before the completion of the composite sampling on July 15, 2022, the autosampler for the Seep B influent malfunctioned, resulting in the collection of fewer aliquots (252) than planned (336).
- Before the completion of the composite sampling on July 15, 2022, the autosampler for the Seep C influent malfunctioned, resulting in the collection of fewer aliquots (210) than planned (336).
- Before the completion of the composite sampling on August 15, 2022, the autosamplers for the Seep B influent and effluent malfunctioned, resulting in the collection of fewer aliquots (282 and 270, respectively) than planned (336).

3.4.2 Wet Weather Monitoring Sampling Deviations

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

- The collection of the Seep C influent sample on August 23, 2022, was delayed by one day because the rain gauge did not communicate sample initiation at the programmed criteria.
- The collection of the Seep D effluent sample on August 22, 2022, was delayed by two days because the rain gauge did not communicate sample initiation at the programmed criteria.

3.4.3 Water Quality Monitoring Deviations

Total suspended solids (TSS) parameter was not measured during this reporting period as the previous in-situ monitoring method has been unreliable to date. After evaluating alternatives, it was determined that the most practical option moving forward will be the collection of samples for analysis of TSS by an analytical laboratory via EPA Method 2540. TSS sample collection will be performed twice per month around the same time as performance monitoring sample collection, with the first collection scheduled for mid-September.

4. RESULTS

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

Reporting Period Metric	Seep A	Seep B	Seep C	Seep D	Total
Duration	62 days (<i>July 1 – August 31, 2022</i>)				
Rainfall, Actual (in)	8.37 (<i>July 1 – August 31, 2022</i>)				
Rainfall, Historical Average (in)	9.13 (<i>July 1- August 31, 2004-2020</i>)				
River Above Spillway (days) *	0	0	0	0	N/A
Operational Period (days)	62				N/A
Median Flow Rate (gpm)	79	121	52	58	310
Seep Volume Treated (gallons)	8,300,000	10,700,000	4,900,000	5,600,000	29,500,000
PFAS Removed (lbs)	15.8	26.3	3.8	5.3	51.2

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

4.1 System Flowrates and Operational Periods

4.1.1 System Flowrate

A detailed discussion of pressure transducer water level measurements in the Effluent Stilling Basin, and the data reduction process to convert these levels to flow rates, is provided in Sections 3.1, 3.4.1, and 4.1.1 of O&M Report #1. This data reduction process, updated for the current reporting period, is provided in Appendix A. Figures 2a-d show the measurable flowrates through the FTC over the reporting period for Seeps A-D, respectively.

The flowrate statistics calculated from measurable discharge flowrates for Seeps A-D for the current reporting period are tabulated below:

Flowrate Metric	Seep A	Seep B	Seep C	Seep D
Median Flow Rate (gpm) during the Reporting Period	79	121	52	58
95 th percentile Flow Rate (gpm) during the Reporting Period	221	204	103	118
Design Basis Flow Rate * (gpm)	205	226	76	183

* The design basis flow rate was selected as the 95th percentile value of dry weather base flow from flume pre-design data.

Using the measured and extrapolated flowrate calculations, approximately 8,300,000 gallons, 10,700,000 gallons, 4,900,000 gallons, and 5,600,000 gallons of water (29,500,000 gallons total) were treated by the Seeps A, B, C, and D FTCs, respectively, from July 1 through August 31, 2022.

4.1.2 Bypass Flow

A discussion of pressure transducer water level measurements in the FTC Influent Stilling Basin (ISB), and the data reduction process to convert these levels to the elevation of the bypass spillway, is provided in Section 3.1, 3.4.1, and 4.1.2 of O&M Report #1. This data reduction process, updated for the current reporting period, is provided in Appendix A. The influent water level elevation and occurrences of bypass flow for Seeps A-D for the reporting period are shown in Figures 3a-d.

The total rainfall received in July was approximately 5.83 inches, which is approximately 50% greater than the monthly historical average of 3.89 inches. In August, the total rainfall was 2.54 inches, approximately half the monthly historical average of 5.24 inches. Overall, for the two-month period, the total rainfall received was within approximately 8% of the historical average. The instances of bypass in July at Seeps A, B, and C caused by heavy rains were resolved with maintenance events lowering the impoundment below the spillway, similar to previous reporting periods. In August, there was no bypass at any FTC, and at Seep D, there was no bypass for the full two-month period.

4.2 Performance Monitoring Analytical Results

Analytical results for the composite performance monitoring samples are provided in Table 3 and summarized below. Laboratory analytical results are compiled in Appendix B.

Analytical Results – Performance Monitoring	Seep A	Seep B	Seep C	Seep D
Average Influent Total Table 3+ PFAS, 17 compounds (ng/L)	192,500	267,500	94,250	110,000
Average Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	418	188	1,584	41
Average Removal Efficiency (%)	99.8	99.9	98.6	>99.9

4.3 System Effectiveness

System effectiveness, defined by the percentage removal of the combined concentrations of the three indicator parameters (HFPO-DA, PFMOAA and PMPA), is determined on a monthly average basis for the system using volume weighted concentrations of the influent and effluent samples. Volume weighted concentrations were developed in the event that either the influent and effluent autosamplers have different compositing durations or that the two composite sampling periods in the month have different durations (e.g., 14 days and 10 days). Both circumstances could arise due to a potential equipment malfunction or severe weather event. Weighting by volume provides a representative assessment of mass present in both the influent and effluent over time; samples corresponding to greater flow volumes will have a proportionately higher weight. System effectiveness is calculated using the equation presented in Section 4.3 of the O&M Report #1.

Based on the system flowrate data (Section 4.1.1) and the performance monitoring composite sample data of the three indicator compounds (Section 4.2), the overall system effectiveness for Seeps A-D was calculated to be 99.4%. The system effectiveness for the individual Seeps is presented below:

System Effectiveness	Seep A		Seep B		Seep C		Seep D		Overall Average
	Jul	Aug	Jul	Aug	Jul	Aug	Jul	Aug	
%	99.7	99.9	99.9	99.9	98.9	97.2	>99.9	>99.9	99.4

4.4 Wet Weather Sampling Results

Wet weather monitoring samples were collected at Seeps A-D during the reporting period (Table 2), and their analytical results are shown in Table 4 and summarized below. Laboratory analytical results are compiled in Appendix B. As noted in Paragraph 2(a)(iii) in the CO Addendum, these results are not to be used to determine compliance under Paragraph 2(a)(vi).

Analytical Result – Wet Weather Monitoring	Seep A	Seep B	Seep C	Seep D
Influent Total Table 3+ PFAS, 17 compounds (ng/L)	165,000	220,000	61,000	102,500
Effluent Total Table 3+ PFAS, 17 compounds (ng/L)	64	102	73	16
Removal Efficiency (%)	>99.9	>99.9	99.9	>99.9

4.5 River Elevation and Precipitation

The Cape Fear River was monitored using the existing USGS weather monitoring station at the W.O. Huske Dam (gage 02105500), as described in Section 3.2.

Three key river elevations, in reference to the FTC at Seeps A-D were monitored for their effect on system performance:

- (i) When the river rises above the top of the GAC (approximately), head differentials throughout the FTC are reduced and flow through the system is hindered.
- (ii) When the river rises above the invert of the Bypass Spillway, the influent and effluent water elevation are equal and flow through the system ceases.
- (iii) When the river rises above the top of the FTC walls, maintenance is required to remove any depositional sediment from flooding.

Table 5 presents the percent of time the elevation of the Cape Fear River has exceeded these key elevations over the lifetime of operation at each seep FTC. As shown, the river has been above the Seep A/B/D features less frequently than the historical dataset, as compared to Seep C, which was installed during the extraordinarily wet winter of 2020/2021.

Figure 1 presents a similar dataset, but for the current reporting period only, and using the as-built elevations of the Seep C FTC for clarity. As shown, the Cape Fear River did not rise above the elevation of any key features from July 1 through August 31, 2022.

4.6 Water Quality

The water quality measurements collected during the reporting period are provided in Table 6 and described below:

- **DO:** No significant differences were observed in the fluctuations of DO between influent and effluent locations at all four seeps. On a median basis, the DO changed by 0.8 mg/L or less. Aerobic (>2 mg/L) conditions were mostly observed during the process. The FTC systems do not involve biological activity to treat influent water, therefore, DO is not expected to decrease or increase significantly over the system's residence time.

- **Temperature:** At all four seeps, the median temperature of the effluent was within 1°C of the median temperature of the influent during this reporting period. Due to the relatively short residence time in the FTC, temperature is not expected to change significantly throughout the FTC.
- **Specific Conductance:** Similar to the above parameters, there appeared to be only a minor effect on conductivity. The FTC is expected to have little effect on the anion/cation content of the seep baseflow. For all four Seeps, the difference in median specific conductance across influent and effluent locations ranged between -6 and +62 $\mu\text{S}/\text{cm}$.
- **pH:** The median effluent pH at the four seeps ranged from 5.6 to 7.1 S.U. in this reporting period. From the IC to the ESB, the median pH of treated water increased at Seeps A, B, C, and D by 1.5, 0.8, 0.7 and 0.5 S.U., respectively. An increase in pH from IC to ESB is anticipated due to the inflow's contact with the concrete walls of the FTC and the GAC in the filter beds.
- **Turbidity and TSS:** The median turbidity of the influent water at Seeps A, B, C, and D ranged from 13.1 to 63.0 NTU. The FTCs significantly decreased the turbidity of the influent water. The median turbidity of the effluent water at Seeps A-D ranged from 3.7 to 28.5 NTU. As discussed in Section 3.4.3, TSS will be measured moving forward with laboratory analysis via EPA Method 2540, beginning with the mid-September collection of performance monitoring samples.

5. SUMMARY

The following summarizes the FTC performance after the completion of the latest reporting period (July 1 through August 31, 2022):

- Conclusions reached from the previous months of operation, as documented in previous O&M Reports, remain unchanged. Flow data from Seeps A, B, C, and D indicate the systems are capable of treating more than the design basis flow rate under favorable hydraulic conditions. Wet weather flow is frequently captured, in some cases fully captured, and treated equally to dry weather flows when captured.
- Performance monitoring results indicate the average PFAS removal efficiency of captured baseflow at Seeps A-D is approximately 99.6%. To date, the A-D FTCs have prevented approximately 426.5 lbs of PFAS from being discharged to the Cape Fear River.

The next reporting period (September 1 through October 31, 2022) will be described in O&M Report #11, to be submitted no later than November 30, 2022.

6. REFERENCES

- AECOM, 2018. Poly and Perfluoroalkyl Substance Quality Assurance Project Plan. August 2018.
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- Geosyntec, 2021c. Interim Seep Remediation Operation and Maintenance Report #3. Chemours Fayetteville Works. 30 July 2021.
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- Geosyntec, 2022b. Interim Seep Remediation Operation and Maintenance Report #7. Chemours Fayetteville Works. 31 March 2022.
- Geosyntec, 2022c. Interim Seep Remediation Operation and Maintenance Report #8. Chemours Fayetteville Works. 31 May 2022.
- Geosyntec, 2022d. Interim Seep Remediation Operation and Maintenance Report #9. Chemours Fayetteville Works. 29 July 2022.

TABLES

Table 1a
Summary of Operations and Maintenance Activities - Seep A
Reporting Period 10 (Jul -Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/01/2022	430	--				Lag	Lead	Lag	Lead	X	N/A	N/A
07/05/2022	434	No	X			Lag	Lead	Lag	Lead		N/A	10 inches of freeboard.
07/06/2022	435	No				Lag	Lead	Lag	Lead		Skimmed and fluffed FB1.	N/A
07/08/2022	437	No			X	Lag	Lead	Lag	Lead		N/A	6 inches of freeboard. Rain gauge reading of 1.5 inches.
07/09/2022	438	Yes				Lag	Lead	Lag	Lead		N/A	Telemetry did not notify of wet weather bypass.
07/10/2022	439	Yes				Lag	Lead	Parallel	Parallel		N/A	Rain gauge reading of 2 inches.
07/11/2022	440	Yes	X			Parallel	Parallel	Parallel	Parallel	X	N/A	Reservoir at a relatively higher level.
07/12/2022	441	Yes				Parallel	Parallel	Parallel	Parallel		N/A	N/A
07/13/2022	442	Yes				Parallel	Parallel	Lag	Lead		Cleaned FB1 and FB2.	Heavy sediment noticed on both sides.
07/14/2022	443	No				Lead	Changeout	Lead	Lag		Switched FB1 to lead. GAC changeout at FB2.	2 inches of freeboard.
07/15/2022	444	Yes		X		Lead	Lag	Lead	Lag		N/A	High water levels in lead bed. Rain gauge reading of 0.75 inches.
07/18/2022	447	Yes	X			Lead	Lag	Lead	Lag	X	Cleaned FB1.	Rain gauge reading of 0.70 inches. High water levels in FB1.
07/20/2022	449	No				Lead	Lag	Lead	Lag		N/A	7 inches of freeboard.
07/21/2022	450	Yes				Lead	Lag	Lead	Lag		Cleaned FB1.	Post maintenance, 1.5 inches of freeboard created.
07/22/2022	451	No				Lead	Lag	Lead	Lag		N/A	10 inches of freeboard. Turbidity from construction activities noticed at the inlet.
07/24/2022	453	No				Lead	Lag	Lead	Lag		N/A	N/A
07/25/2022	454	No	X			Lead	Lag	Lead	Lag	X	N/A	7 inches of freeboard.
07/26/2022	455	No				Lead	Lag	Lead	Lag		Cleaned FB1.	4 inches of freeboard.
07/28/2022	457	No				Lead	Lag	Lead	Lag		N/A	15 inches of freeboard.
07/29/2022	458	No		X		Lead	Lag	Lead	Lag		N/A	14 inches of freeboard.
08/01/2022	461	No	X			Lead	Lag	Lead	Lag	X	N/A	11 inches of freeboard.
08/03/2022	463	No				Lead	Lag	Lead	Lag		N/A	N/A
08/04/2022	464	No				Lead	Lag	Lead	Lag		Routine FB1 maintenance	N/A
08/08/2022	468	No	X			Lead	Lag	Lead	Lag	X	N/A	N/A
08/11/2022	471	No				Changeout	Lag	Lag	Lead		GAC changeout at FB1.	N/A
08/15/2022	475	No	X	X		Lag	Lead	Lag	Lead	X	N/A	Effluent had noticeable odor.
08/16/2022	476	No				Lag	Lead	Lag	Lead		FB2 serviced.	8.5 inches of freeboard. Odor no longer observed in effluent and presumed to be a transient occurrence.
08/22/2022	482	No	X		X	Lag	Lead	Lag	Lead	X	N/A	N/A
08/23/2022	483	No				Lag	Lead	Lag	Lead		Skimmed and fluffed FB1.	6 inches of freeboard. Higher turbidity observed than recent weeks.
08/25/2022	485	No				Lag	Lead	Lag	Lead		N/A	N/A
08/27/2022	487	No				Lag	Lead	Lag	Lead		N/A	N/A
08/28/2022	488	No				Lag	Lead	Lag	Lead		N/A	12 inches of freeboard.
08/29/2022	489	No	X			Lag	Lead	Lag	Lead	X	Cleaned FB1 and FB2.	9 inches of freeboard.
08/30/2022	490	--		X		Lag	Lead	Lag	Lead		N/A	N/A

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

Table 1b
Summary of Operations and Maintenance Activities - Seep B
Reporting Period 10 (Jul -Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/01/2022	389	--				Lag	Lead	Lag	Lead	X	N/A	N/A
07/05/2022	393	No	X			Lag	Lead	Lag	Lead	X	N/A	17 inches of freeboard. 1 mm in rain gauge.
07/07/2022	395	No				Lag	Lead	Lag	Lead		Cleaned FB2.	13 inches of freeboard.
07/08/2022	396	No			X	Lag	Lead	Lag	Lead		N/A	17 inches of freeboard. Rain gauge reading of 1.25 inches.
07/09/2022	397	No				Lag	Lead	Lag	Lead		N/A	12.5 inches of freeboard. Rain gauge reading of 1.1 inches.
07/10/2022	398	Yes				Lag	Lead	Parallel	Parallel		N/A	Outlet noted to be turbid. Rain gauge reading of 1.25 inches.
07/11/2022	399	No	X			Parallel	Parallel	Parallel	Parallel	X	N/A	12 inches of freeboard. Rain gauge reading of 6 mm. High water level in basin.
07/12/2022	400	No				Parallel	Parallel	Lag	Lead		Cleaned FB1 and FB2.	9 inches of freeboard. High water level in basin.
07/14/2022	402	No				Lag	Lead	Lag	Lead		N/A	5 inches of freeboard.
07/15/2022	403	Yes		X		Lag	Lead	Lag	Lead		Cleaned FB2.	Rain gauge reading of 0.75 inches.
07/18/2022	406	--	X			Lag	Lead	Lag	Lead	X	N/A	N/A
07/20/2022	408	--				Lead	Changeout	Lead	Changeout		GAC changeout at FB2.	N/A
07/21/2022	409	No				Lead	Lag	Lead	Lag		N/A	5 inches of freeboard. Rain gauge reading of 0.5 inches.
07/22/2022	410	No				Lead	Lag	Lead	Lag		N/A	3 inches of freeboard.
07/24/2022	412	No				Lead	Lag	Lead	Lag		N/A	N/A
07/25/2022	413	No	X			Lead	Lag	Lead	Lag	X	Skimmed and fluffed FB1.	2 inches of freeboard.
07/28/2022	416	No				Lead	Lag	Lead	Lag		N/A	15 inches of freeboard. Biocide observed in sediment pond.
07/29/2022	417	No		X		Lead	Lag	Lead	Lag		Flushed inlet. Skimmed and fluffed FB1.	16 inches of freeboard. Biocide observed in sediment pond.
08/01/2022	420	No	X			Lead	Lag	Lead	Lag	X	N/A	18.5 inches of freeboard.
08/04/2022	423	No				Lead	Lag	Lead	Lag		N/A	15 inches of freeboard. An opening in pump head lead to sample collection errors at effluent ISCO; 11 aliquots got missed.
08/08/2022	427	No	X			Lead	Lag	Lead	Lag	X	N/A	N/A
08/10/2022	429	--				Lead	Lag	Lead	Lag		N/A	N/A
08/15/2022	434	No	X	X		Lead	Lag	Lead	Lag	X	N/A	Potential bypass.
08/17/2022	436	No				Changeout	Lead	Lag	Lead		GAC changeout at FB1.	Overnight from 08/16/2022, FB2 was sole processor.
08/22/2022	441	No	X		X	Lag	Lead	Lag	Lead	X	N/A	N/A
08/23/2022	442	No				Lag	Lead	Lag	Lead		N/A	N/A
08/25/2022	444	No				Lag	Lead	Lag	Lead		Skimmed and fluffed FB2.	Weir 1 was dropped to do an inlet flush.
08/27/2022	446	No				Lag	Lead	Lag	Lead		N/A	N/A
08/28/2022	447	No				Lag	Lead	Lag	Lead		N/A	19.5 inches of freeboard.
08/29/2022	448	No	X			Lag	Lead	Lag	Lead	X	N/A	N/A
08/30/2022	449	No		X		Lag	Lead	Lag	Lead		Serviced FB1.	18 inches of freeboard.

Notes
 FB1 - Filter Bed 1
 FB2 - Filter Bed 2
 GAC - granulated activated carbon
 ISCO - Teledyne ISCO Autosampler
 mm - millimeters
 N/A - Not Applicable

Table 1c
Summary of Operations and Maintenance Activities - Seep C
Reporting Period 10 (Jul -Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/01/2022	563	--				Lead	Lag	Lead	Lag	X	N/A	N/A
07/05/2022	567	No	X			Lead	Lag	Lead	Lag	X	N/A	14 inches of freeboard.
07/08/2022	570	No			X	Lead	Lag	Lead	Lag		N/A	11 inches of freeboard. Rain gauge reading of 1.25 inches. System briefly ran in parallel mode when freeboard was 1 inch.
07/09/2022	571	Yes				Lead	Lag	Lead	Lag		N/A	Rain gauge reading of 1.1 inches.
07/10/2022	572	Yes				Lead	Lag	Parallel	Parallel		N/A	Rain gauge reading of 1.25 inches.
07/11/2022	573	No	X			Parallel	Parallel	Lead	Lag	X	Skimmed and fluffed FB1 and FB2.	0.5 inches of freeboard. Rain gauge reading of 6 mm.
07/12/2022	574	No				Lead	Lag	Parallel	Parallel		N/A	Less than an inch of freeboard. Large amounts of murky water in reservoir.
07/13/2022	575	No				Parallel	Parallel	Lead	Lag		Cleaned FB1 and FB2.	4 inches of freeboard.
07/14/2022	576	No				Lead	Lag	Lead	Lag		N/A	Low flow observed from lag bed.
07/15/2022	577	Yes		X		Lead	Lag	Lead	Lag		Cleaned FB1 and FB2.	Rain gauge reading of 0.75 inches.
07/18/2022	580	No	X			Lead	Lag	Lead	Lag	X	Cleaned FB2.	2 inches of freeboard.
07/21/2022	583	Yes				Lead	Lag	Parallel	Parallel		N/A	Rain gauge reading of 0.5 inches. Reservoir noted as murky. Little to no flow observed.
07/22/2022	584	No				Parallel	Parallel	Lead	Lag		Cleaned FB1 and FB2.	1.5 inches of freeboard.
07/24/2022	586	No				Lead	Lag	Lead	Lag		N/A	N/A
07/25/2022	587	No	X			Lead	Lag	Lead	Lag	X	Skimmed and fluffed FB1 and FB2.	2 inches of freeboard.
07/26/2022	588	No				Lead	Lag	Lead	Lag		Cleaned pipes in mid-basin and underdrain.	Little to no flow observed.
07/27/2022	589	No				Lead	Lag	Lead	Lag		Cleaned FB1 and FB2.	6 inches of freeboard.
07/28/2022	590	No				Lead	Lag	Lead	Lag		N/A	5 inches of freeboard.
07/29/2022	591	No		X		Lead	Lag	Lead	Lag		N/A	6 inches of freeboard.
08/01/2022	594	No	X			Lead	Lag	Lead	Lag	X	N/A	4.5 inches of freeboard.
08/03/2022	596	--				Lead	Changeout	Lead	Lag		GAC changeout in FB2.	N/A
08/04/2022	597	No				Changeout	Lead	Lead	Lag		GAC changeout in FB1. GAC installation completed at FB2.	7 inches of freeboard.
08/08/2022	601	No	X			Lead	Lag	Lead	Lag	X	N/A	N/A
08/15/2022	608	No	X	X		Lead	Lag	Lead	Lag	X	N/A	N/A
08/22/2022	615	No	X			Lead	Lag	Lead	Lag	X	Cleaned both cells.	N/A
08/23/2022	616	No			X	Lead	Lag	Lead	Lag		N/A	N/A
08/25/2022	618	--				Lead	Lag	Lead	Lag		N/A	N/A
08/26/2022	619	No				Lead	Lag	Lead	Lag		Skimmed and fluffed FB1.	9 inches of freeboard.
08/27/2022	620	No				Lead	Lag	Lead	Lag		N/A	N/A
08/28/2022	621	No				Lead	Lag	Lead	Lag		N/A	13.5 inches of freeboard.
08/29/2022	622	No	X			Lead	Lag	Lead	Lag	X	Replaced effluent transducer chain due to previous chain breaking.	N/A
08/30/2022	623	No		X		Lead	Lag	Lead	Lag		N/A	N/A

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

Table 1d
Summary of Operations and Maintenance Activities - Seep D
Reporting Period 10 (Jul -Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Date	Days Since Startup	Bypass Spillway Flow?	Sampling Performed			Operational Mode				Transducers Downloaded	Maintenance Activities Completed	Notes
			Breakthrough Monitoring	Performance Monitoring	Wet Weather Monitoring	Arrival		Departure				
						FB1	FB2	FB1	FB2			
07/01/2022	373	No				Lag	Lead	Lag	Lead	X	Skimmed and fluffed FB2. Flushed inlet.	14.5 inches of freeboard.
07/05/2022	377	No	X			Lag	Lead	Lag	Lead	X	N/A	17 inches of freeboard.
07/08/2022	380	No			X	Lag	Changeout	Lead	Lag		FB2 GAC changeout.	15 inches of freeboard.
07/09/2022	381	No				Lead	Lag	Lead	Lag		N/A	Rain gauge reading of 1.1 inches.
07/10/2022	382	No				Lead	Lag	Lead	Lag		N/A	13 inches of freeboard. Rain gauge reading of 2.5 inches
07/11/2022	383	No	X			Lead	Lag	Lead	Lag	X	N/A	N/A
07/12/2022	384	No				Lead	Lag	Lead	Lag		Cleaned FB1.	13 inches of freeboard. Rain gauge reading of 0.25 inches.
07/14/2022	386	No				Lead	Lag	Lead	Lag		N/A	18 inches of freeboard.
07/15/2022	387	No		X		Lead	Lag	Lead	Lag		N/A	16 inches of freeboard.
07/18/2022	390	No	X			Lead	Lag	Lead	Lag	X	N/A	Rain gauge reading of 0.70 inches. Water noted at the edge of spillway.
07/20/2022	392	No				Lead	Lag	Lead	Lag		Cleaned FB1.	N/A
07/21/2022	393	No				Lead	Lag	Lead	Lag		N/A	18 inches of freeboard. Rain gauge reading of 0.5 inches.
07/22/2022	394	No				Lead	Lag	Lead	Lag		N/A	17.5 inches of freeboard. Very little water going into cells.
07/24/2022	396	No				Lead	Lag	Lead	Lag		N/A	N/A
07/25/2022	397	No	X			Lead	Lag	Lead	Lag	X	N/A	16 inches of freeboard.
07/28/2022	400	No				Lead	Lag	Lead	Lag		N/A	14 inches of freeboard.
07/29/2022	401	No		X		Lead	Lag	Lead	Lag		N/A	19 inches of freeboard.
08/01/2022	404	No	X			Lead	Lag	Lead	Lag	X	N/A	17.5 inches of freeboard.
08/04/2022	407	No				Lead	Lag	Lead	Lag		N/A	12 inches of freeboard.
08/08/2022	411	No	X			Lead	Lag	Lead	Lag	X	N/A	N/A
08/10/2022	413	No				Lead	Lag	Lead	Lag		Routine maintenance and cleaning performed at FB1.	9 inches of freeboard and gaining.
08/15/2022	418	No	X	X		Lead	Lag	Lead	Lag	X	N/A	N/A
08/18/2022	421	No				Lead	Lag	Lead	Lag		Skimmed and fluffed FB1.	N/A
08/22/2022	425	No	X		X	Lead	Lag	Lead	Lag	X	N/A	N/A
08/23/2022	426	No				Lead	Lag	Closed	Lead		Cleaned FB2.	9 inches of freeboard. Weir plate 1 inserted for inlet flush during maintenance.
08/24/2022	427	No				Changeout	Lead	Lag	Lead		GAC changeout at FB1.	N/A
08/25/2022	428	--				Lag	Lead	Lag	Lead		N/A	N/A
08/27/2022	430	No				Lag	Lead	Lag	Lead		N/A	N/A
08/28/2022	431	No				Lag	Lead	Lag	Lead		N/A	17 inches of freeboard.
08/29/2022	432	No	X			Lag	Lead	Lag	Lead	X	N/A	N/A
08/30/2022	433	--		X		Lag	Lead	Lag	Lead		N/A	N/A

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

Table 2a
Sampling Summary - Seep A
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-A-INFLUENT-336-071522 SEEP-A-EFFLUENT-336-071522	July 1 - July 15, 2022	July 15, 2022
SEEP-A-INFLUENT-336-072922 SEEP-A-EFFLUENT-336-072922	July 15 - July 29, 2022	July 29, 2022
SEEP-A-INFLUENT-336-081522 SEEP-A-EFFLUENT-336-081522	August 1 - August 15, 2022	August 15, 2022
SEEP-A-INFLUENT-336-083022 SEEP-A-EFFLUENT-336-083022	August 16 - August 30, 2022	August 30, 2022

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-A-INFLUENT-RAIN-24-070822 SEEP-A-EFFLUENT-RAIN-24-070822	July 8, 2022	22:02	2.11
SEEP-A-INFLUENT-RAIN-24-082222 SEEP-A-EFFLUENT-RAIN-24-082222	August 22, 2022	12:17	0.62

Notes

- 1 Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2b
Sampling Summary - Seep B
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-B-INFLUENT-252-071522 SEEP-B-EFFLUENT-336-071522	July 1 - July 15, 2022	July 15, 2022
SEEP-B-INFLUENT-336-072922 SEEP-B-EFFLUENT-336-072922	July 15 - July 29, 2022	July 29, 2022
SEEP-B-INFLUENT-282-081522 SEEP-B-EFFLUENT-270-081522	August 1 - August 15, 2022	August 15, 2022
SEEP-B-INFLUENT-336-083022 SEEP-B-EFFLUENT-336-083022	August 16 - August 30, 2022	August 30, 2022

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-B-INFLUENT-RAIN-24-070822 SEEP-B-EFFLUENT-RAIN-24-070822	July 8, 2022	23:02	2.11
SEEP-B-INFLUENT-RAIN-24-082222 SEEP-B-EFFLUENT-RAIN-24-082222	August 22, 2022	12:18	0.62

Notes

- 1 Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 The ISCO autosampler at Seep B influent and effluent malfunctioned during the runtime of the sample collected on August 15, interrupting the collection of aliquots in the 14-day composite. A similar operational malfunction of the Seep B Influent ISCO autosampler caused an interruption to the July 15 performance monitoring sample collection.
- 3 Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2c
Sampling Summary - Seep C
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-C-INFLUENT-336-071522 SEEP-C-EFFLUENT-210-071522	July 1 - July 15, 2022	July 15, 2022
SEEP-C-INFLUENT-336-072922 SEEP-C-EFFLUENT-336-072922	July 15 - July 29, 2022	July 29, 2022
SEEP-C-INFLUENT-336-081522 SEEP-C-EFFLUENT-336-081522	August 1 - August 15, 2022	August 15, 2022
SEEP-C-INFLUENT-336-083022 SEEP-C-EFFLUENT-336-083022	August 16 - August 30, 2022	August 30, 2022

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-C-INFLUENT-RAIN-24-070822 SEEP-C-EFFLUENT-RAIN-24-070822	July 8, 2022	23:03	2.11
SEEP-C-INFLUENT-RAIN-24-082322	August 23, 2022	12:36	0.68
SEEP-C-EFFLUENT-RAIN-24-082222	August 22, 2022	12:18	0.62

Notes

- 1 Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 The ISCO autosampler at Seep C effluent malfunctioned during the runtime of the sample collected on July 15, interrupting the collection of aliquots in the 14-day composite.
- 3 The ISCO autosampler at Seep C influent had a delay in initiating sample collection, causing a lag in the 24-hour compositing duration for the August 23 wet weather sample.
- 4 Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 2d
Sampling Summary - Seep D
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Performance Monitoring Composite Samples

Sample ID	Composite Period	Sample Date
SEEP-D-INFLUENT-336-071522 SEEP-D-EFFLUENT-336-071522	July 1 - July 15, 2022	July 15, 2022
SEEP-D-INFLUENT-330-072922 SEEP-D-EFFLUENT-336-072922	July 15 - July 29, 2022	July 29, 2022
SEEP-D-INFLUENT-330-081522 SEEP-D-EFFLUENT-330-081522	August 1 - August 15, 2022	August 15, 2022
SEEP-D-INFLUENT-336-083022 SEEP-D-EFFLUENT-300-083022	August 15 - August 30, 2022	August 30, 2022

Wet Weather Composite Sample

Sample ID	Sample Date	Sample Time	Cumulative Rainfall (inches)
SEEP-D-INFLUENT-RAIN-24-070822 SEEP-D-EFFLUENT-RAIN-24-070822	July 8, 2022	23:04	2.11
SEEP-D-INFLUENT-RAIN-24-082022	August 20, 2022	22:45	0.50
SEEP-D-EFFLUENT-RAIN-24-082222	August 22, 2022	12:18	0.62

Notes

- 1 Sample Identification Label Key: "Seep - [A, B, C, or D] - [Sample Location Inside FTC] - [# of Aliquots in Composite Sample] - [MMDDYY]"
- 2 The ISCO autosampler at Seep D effluent had a delay in initiating sample collection, causing a lag in the 24-hour compositing duration for the August 22 wet weather sample.
- 3 Precipitation data obtained from the USGS gauge #02105500 at the William O. Huske Lock and Dam.

Table 3a
Summary of Performance Monitoring Analytical Results - Seep A
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-A-INFLUENT- 336-071522 Sample Date: 15-Jul-22	SEEP-A-EFFLUENT- 336-071522 Sample Date: 15-Jul-22	Percent Removal	SEEP-A-INFLUENT- 336-072922 Sample Date: 29-Jul-22	SEEP-A-EFFLUENT- 336-072922 Sample Date: 29-Jul-22	Percent Removal	SEEP-A-INFLUENT- 336-081522 Sample Date: 15-Aug-22	SEEP-A-EFFLUENT- 336-081522 Sample Date: 15-Aug-22	Percent Removal	SEEP-A-INFLUENT- 336-083022 Sample Date: 30-Aug-22	SEEP-A-EFFLUENT- 336-083022 Sample Date: 30-Aug-22	Percent Removal
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	21,000	140 J	99.3%	23,000 J	18 J	99.9%	23,000	19	99.9%	21,000	8.7	>99.9%
PFMOAA	66,000	300 J	99.5%	85,000 J	170 J	99.8%	90,000	130	99.9%	79,000	140	99.8%
PFO2HxA	37,000	240 J	99.4%	41,000 J	40 J	99.9%	43,000	31	99.9%	42,000	26	99.9%
PFO3OA	13,000	70 J	99.5%	14,000 J	10 J	99.9%	16,000	10	99.9%	12,000	3.6	>99.9%
PFO4DA	7,800	40 J	99.5%	8,100 J	7.0 J	99.9%	8,500	3.7	>99.9%	6,500	<2.0	100.0%
PFO5DA	3,600	16 J	99.6%	4,700 J	<2.0 UJ	100.0%	4,500	2.2	>99.9%	3,600	<2.0	100.0%
PMPA	14,000	83 J	99.4%	14,000 J	33 J	99.8%	14,000	24	99.8%	15,000	23	99.8%
PEPA	5,000	35 J	99.3%	5,500 J	<20 UJ	100.0%	5,600	<20	100.0%	5,700	<20	100.0%
PS Acid	2,500	17 J	99.3%	3,300 J	<2.0 UJ	100.0%	1,300	<2.0	100.0%	1,400	<2.0	100.0%
Hydro-PS Acid	1,400	6.7 J	99.5%	1,800 J	<2.0 UJ	100.0%	1,800	<2.0	100.0%	1,400	<2.0	100.0%
R-PSDA	2,500 J	<2.0 UJ	100.0%	2,400 J	<2.0 UJ	100.0%	2,900 J	<2.0	100.0%	2,100	<2.0	100.0%
Hydrolyzed PSDA	34,000 J	190 J	99.4%	32,000 J	<2.0 UJ	100.0%	35,000 J	21 J	99.9%	26,000	5.4	>99.9%
R-PSDCA	55	<2.0 UJ	100.0%	53 J	<2.0 UJ	100.0%	57	<2.0	100.0%	49	<2.0	100.0%
NVHOS, Acid Form	1,300	10 J	99.2%	1,400 J	<2.0 UJ	100.0%	1,500	<2.0	100.0%	1,300	<2.0	100.0%
EVE Acid	270	2.2 J	99.2%	390 J	<2.0 UJ	100.0%	130	<2.0	100.0%	140	<2.0	100.0%
Hydro-EVE Acid	1,600	7.7 J	99.5%	1,700 J	<2.0 UJ	100.0%	1,800	<2.0	100.0%	1,600	<2.0	100.0%
R-EVE	1,200 J	11 J	99.1%	1,100 J	<2.0 UJ	100.0%	1,100 J	<2.0	100.0%	780	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0 UJ	100.0%	<6.7 UJ	<2.0 UJ	100.0%	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0 UJ	100.0%	<27 UJ	<2.0 UJ	100.0%	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0 UJ	100.0%	<48 UJ	<2.0 UJ	100.0%	<48	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 compounds)^{1,2}	170,000	970	99.4%	200,000	280	99.9%	210,000	220	99.9%	190,000	200	99.9%
Total Table 3+ (20 compounds)¹	210,000	1,200	99.4%	240,000	280	99.9%	250,000	240	99.9%	220,000	210	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.

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.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 3b
Summary of Performance Monitoring Analytical Results - Seep B
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-B-INFLUENT- 252-071522	SEEP-B-EFFLUENT- 336-071522	Percent Removal	SEEP-B-INFLUENT- 336-072922	SEEP-B-EFFLUENT- 336-072922	Percent Removal	SEEP-B-INFLUENT- 282-081522	SEEP-B-EFFLUENT- 270-081522	Percent Removal	SEEP-B-INFLUENT- 336-083022	SEEP-B-EFFLUENT- 336-083022	Percent Removal
	Sample Date: 15-Jul-22	Sample Date: 15-Jul-22		Sample Date: 29-Jul-22	Sample Date: 29-Jul-22		Sample Date: 15-Aug-22	Sample Date: 15-Aug-22		Sample Date: 30-Aug-22	Sample Date: 30-Aug-22	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	17,000	<2.0 UJ	100.0%	18,000 J	12 J	99.9%	16,000	4.3	>99.9%	14,000	3.4	>99.9%
PFMOAA	150,000	28 J	>99.9%	130,000 J	330 J	99.7%	190,000	44 B	>99.9%	150,000	180	99.9%
PFO2HxA	47,000	5.8 J	>99.9%	42,000 J	47 J	99.9%	53,000	11	>99.9%	52,000	15	>99.9%
PFO3OA	11,000	<2.0 UJ	100.0%	11,000 J	2.8 J	>99.9%	14,000	<2.0	100.0%	11,000	<2.0	100.0%
PFO4DA	1,600	<2.0 UJ	100.0%	1,500 J	<2.0 UJ	100.0%	1,800	<2.0	100.0%	1,400	<2.0	100.0%
PFO5DA	<78	<2.0 UJ	100.0%	110 J	<2.0 UJ	100.0%	<78	<2.0	100.0%	<78	<2.0	100.0%
PMPA	24,000	<10 UJ	100.0%	21,000 J	36 J	99.8%	21,000	<10	100.0%	24,000	27	99.9%
PEPA	7,400	<20 UJ	100.0%	8,800 J	<20 UJ	100.0%	6,600	<20	100.0%	7,500	<20	100.0%
PS Acid	200	<2.0 UJ	100.0%	170 J	<2.0 UJ	100.0%	210	<2.0	100.0%	150	<2.0	100.0%
Hydro-PS Acid	540	<2.0 UJ	100.0%	620 J	<2.0 UJ	100.0%	600	<2.0	100.0%	490	<2.0	100.0%
R-PSDA	3,100 J	<2.0 UJ	100.0%	<71 UJ	<2.0 UJ	100.0%	2,400 J	<2.0	100.0%	1,900	<2.0	100.0%
Hydrolyzed PSDA	35,000 J	<2.0 UJ	100.0%	24,000 J	<2.0 UJ	100.0%	30,000 J	<2.0	100.0%	24,000	2.1	>99.9%
R-PSDCA	33	<2.0 UJ	100.0%	30 J	<2.0 UJ	100.0%	29	<2.0	100.0%	26	<2.0	100.0%
NVHOS, Acid Form	2,300	<2.0 UJ	100.0%	2,000 J	<2.0 UJ	100.0%	2,500	<2.0	100.0%	2,200	<2.0	100.0%
EVE Acid	40	<2.0 UJ	100.0%	22 J	<2.0 UJ	100.0%	20	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	950	<2.0 UJ	100.0%	950 J	<2.0 UJ	100.0%	850	<2.0	100.0%	820	<2.0	100.0%
R-EVE	1,400 J	<2.0 UJ	100.0%	1,100 J	<2.0 UJ	100.0%	950 J	<2.0	100.0%	740	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0 UJ	100.0%	<6.7 UJ	<2.0 UJ	100.0%	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0 UJ	100.0%	<27 UJ	<2.0 UJ	100.0%	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0 UJ	100.0%	<48 UJ	<2.0 UJ	100.0%	<48	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 compounds)^{1,2}	260,000	34	>99.9%	240,000	430	99.8%	310,000	59	>99.9%	260,000	230	99.9%
Total Table 3+ (20 compounds)¹	300,000	34	>99.9%	260,000	430	99.8%	340,000	59	>99.9%	290,000	230	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.

Bold - Analyte detected above associated reporting limit.

B - Not detected substantially above the level reported in the laboratory or field blanks.

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

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 3c
Summary of Performance Monitoring Analytical Results - Seep C
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

	SEEP-C-INFLUENT- 336-071522	SEEP-C-EFFLUENT- 210-071522	Percent Removal	SEEP-C-INFLUENT- 336-072922	SEEP-C-EFFLUENT- 336-072922	Percent Removal	SEEP-C-INFLUENT- 336-081522	SEEP-C-EFFLUENT- 336-081522	Percent Removal	SEEP-C-INFLUENT- 336-083022	SEEP-C-EFFLUENT- 336-083022	Percent Removal
	Sample Date: 15-Jul-22	Sample Date: 15-Jul-22		Sample Date: 29-Jul-22	Sample Date: 29-Jul-22		Sample Date: 15-Aug-22	Sample Date: 15-Aug-22		Sample Date: 30-Aug-22	Sample Date: 30-Aug-22	
<i>Table 3 + SOP (ng/L)</i>												
Hfpo Dimer Acid	12,000	11 J	99.9%	12,000 J	130 J	98.9%	20,000	50	99.8%	15,000	<2.0	100.0%
PFMOAA	31,000	150 J	99.5%	32,000 J	590 J	98.2%	56,000	4,000	92.9%	43,000	22	>99.9%
PFO2HxA	14,000	18 J	99.9%	15,000 J	160 J	98.9%	25,000	310	98.8%	22,000	3.9	>99.9%
PFO3OA	4,300	2.2 J	>99.9%	4,300 J	39 J	99.1%	8,200	7.4	99.9%	5,800	<2.0 UJ	100.0%
PFO4DA	1,800	<2.0 UJ	100.0%	2,100 J	13 J	99.4%	2,700	<3.0	100.0%	1,700	<2.0	100.0%
PFO5DA	94	<2.0 UJ	100.0%	120 J	<2.0 UJ	100.0%	98	<3.9	100.0%	<78	<2.0	100.0%
PMPA	5,700	30 J	99.5%	5,900 J	97 J	98.4%	8,800	550	93.8%	7,800	<10	100.0%
PEPA	1,800	<20 UJ	100.0%	2,000 J	22 J	98.9%	3,400	79	97.7%	2,700	<20	100.0%
PS Acid	<20	<2.0 UJ	100.0%	<20 UJ	<2.0 UJ	100.0%	<20	<2.0	100.0%	<20	<2.0	100.0%
Hydro-PS Acid	230	<2.0 UJ	100.0%	360 J	2.6 J	99.3%	480	<2.0	100.0%	340	<2.0	100.0%
R-PSDA	<71	<2.0 UJ	100.0%	<71 UJ	5.0 J	93.0%	<71	<3.5	100.0%	450	<2.0	100.0%
Hydrolyzed PSDA	760 J	<2.0 UJ	100.0%	520 J	5.4 J	99.0%	1,100 J	<2.0	100.0%	740	<2.0	100.0%
R-PSDCA	<17	<2.0 UJ	100.0%	<17 UJ	<2.0 UJ	100.0%	<17	<2.0	100.0%	<17	<2.0	100.0%
NVHOS, Acid Form	550	<2.0 UJ	100.0%	610 J	4.4 J	99.3%	750	<2.0	100.0%	610	<2.0	100.0%
EVE Acid	<17	<2.0 UJ	100.0%	<17 UJ	<2.0 UJ	100.0%	<17	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	720	<2.0 UJ	100.0%	830 J	7.4 J	99.1%	1,300	<2.0	100.0%	1,100	<2.0	100.0%
R-EVE	580 J	<2.0 UJ	100.0%	480 J	4.8 J	99.0%	800 J	<3.6	100.0%	520	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0 UJ	100.0%	<6.7 UJ	<2.0 UJ	100.0%	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0 UJ	100.0%	<27 UJ	<2.0 UJ	100.0%	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0 UJ	100.0%	<48 UJ	<2.0 UJ	100.0%	<48	<2.4	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 compounds)^{1,2}	72,000	210	99.7%	75,000	1,100	98.5%	130,000	5,000	96.2%	100,000	26	>99.9%
Total Table 3+ (20 compounds)¹	74,000	210	99.7%	76,000	1,100	98.6%	130,000	5,000	96.2%	100,000	26	>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.

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.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 3d
Summary of Performance Monitoring Analytical Results - Seep D
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

Table 3 + SOP (ng/L)	SEEP-D-INFLUENT- 336-071522	SEEP-D-EFFLUENT- 336-071522	Percent Removal	SEEP-D-INFLUENT- 330-072922	SEEP-D-EFFLUENT- 336-072922	Percent Removal	SEEP-D-INFLUENT- 330-081522	SEEP-D-EFFLUENT- 330-081522	Percent Removal	SEEP-D-INFLUENT- 336-083022	SEEP-D-EFFLUENT- 300-083022	Percent Removal
	Sample Date: 15-Jul-22	Sample Date: 15-Jul-22		Sample Date: 29-Jul-22	Sample Date: 29-Jul-22		Sample Date: 15-Aug-22	Sample Date: 15-Aug-22		Sample Date: 30-Aug-22	Sample Date: 30-Aug-22	
Hfpo Dimer Acid	14,000	<2.0 UJ	100.0%	15,000 J	2.9 J	>99.9%	15,000	<2.0	100.0%	14,000	<2.0	100.0%
PFMOAA	54,000	30 J	99.9%	60,000 J	69 J	99.9%	49,000 J	15 B	>99.9%	52,000	27	>99.9%
PFO2HxA	22,000	3.8 J	>99.9%	23,000 J	9.7 J	>99.9%	19,000	4.7	>99.9%	24,000	<2.0	100.0%
PFO3OA	6,600	<2.0 UJ	100.0%	7,300 J	<2.0 UJ	100.0%	6,700	<2.0	100.0%	6,500	<2.0	100.0%
PFO4DA	2,500	<2.0 UJ	100.0%	2,400 J	<2.0 UJ	100.0%	2,100	<2.0	100.0%	2,000	<2.0	100.0%
PFO5DA	140	<2.0 UJ	100.0%	170 J	<2.0 UJ	100.0%	150	<2.0	100.0%	110	<2.0	100.0%
PMPA	7,300	<10 UJ	100.0%	7,400 J	<10 UJ	100.0%	5,300 J	<10	100.0%	7,600	<10	100.0%
PEPA	2,400	<20 UJ	100.0%	2,600 J	<20 UJ	100.0%	2,100	<20	100.0%	2,700	<20	100.0%
PS Acid	<20	<2.0 UJ	100.0%	<20 UJ	<2.0 UJ	100.0%	<20	<2.0	100.0%	<20	<2.0	100.0%
Hydro-PS Acid	290	<2.0 UJ	100.0%	390 J	<2.0 UJ	100.0%	320	<2.0	100.0%	330	<2.0	100.0%
R-PSDA	1,000 J	<2.0 UJ	100.0%	<71 UJ	<2.0 UJ	100.0%	730 J	<2.0	100.0%	540	<2.0	100.0%
Hydrolyzed PSDA	2,300 J	<2.0 UJ	100.0%	2,000 J	<2.0 UJ	100.0%	1,700 J	<2.0	100.0%	1,600	<2.0	100.0%
R-PSDCA	<17	<2.0 UJ	100.0%	<17 UJ	<2.0 UJ	100.0%	<17	<2.0	100.0%	<17	<2.0	100.0%
NVHOS, Acid Form	790	<2.0 UJ	100.0%	680 J	<2.0 UJ	100.0%	830	<2.0	100.0%	740	<2.0	100.0%
EVE Acid	<17	<2.0 UJ	100.0%	<17 UJ	<2.0 UJ	100.0%	<17	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	1,200	<2.0 UJ	100.0%	1,200 J	<2.0 UJ	100.0%	1,000	<2.0	100.0%	1,100	<2.0	100.0%
R-EVE	910 J	<2.0 UJ	100.0%	850 J	<2.0 UJ	100.0%	750 J	<2.0	100.0%	640	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0 UJ	100.0%	<6.7 UJ	<2.0 UJ	100.0%	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0 UJ	100.0%	<27 UJ	<2.0 UJ	100.0%	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0 UJ	100.0%	<48 UJ	<2.0 UJ	100.0%	<48	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 compounds)^{1,2}	110,000	34	>99.9%	120,000	82	99.9%	100,000	20	>99.9%	110,000	27	>99.9%
Total Table 3+ (20 compounds)¹	120,000	34	>99.9%	120,000	82	99.9%	100,000	20	>99.9%	110,000	27	>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.

Bold - Analyte detected above associated reporting limit.

B - Not detected substantially above the level reported in the laboratory or field blanks.

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

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

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 4a
Summary of Wet Weather Analytical Results - Seep A
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	SEEP-A-INFLUENT- RAIN-24-070822	SEEP-A-EFFLUENT- RAIN-24-070822	Percent Removal	SEEP-A-INFLUENT- RAIN-24-082222	SEEP-A-EFFLUENT- RAIN-24-082222	Percent Removal
	Sample Date: 08-Jul-22	Sample Date: 08-Jul-22		Sample Date: 22-Aug-22	Sample Date: 22-Aug-22	
Hfpo Dimer Acid	18,000	3.2	>99.9%	24,000	8.4	>99.9%
PFMOAA	54,000	15.0	>99.9%	80,000 J	71.0	99.9%
PFO2HxA	30,000	6.5	>99.9%	35,000	18.0	>99.9%
PFO3OA	12,000	2.8	>99.9%	14,000	3.5	>99.9%
PFO4DA	6,200	<2.0	100.0%	7,200	<2.0	100.0%
PFO5DA	3900	<2.0	100.0%	4400	<2.0	100.0%
PMPA	11,000	<10	100.0%	11,000	<10	100.0%
PEPA	4,000	<20	100.0%	4,300	<20	100.0%
PS Acid	2100	<2.0	100.0%	990	<2.0	100.0%
Hydro-PS Acid	1100	<2.0	100.0%	1700	<2.0	100.0%
R-PSDA	<350	<2.0	100.0%	2,300 J	<2.0	100.0%
Hydrolyzed PSDA	22,000	<2.0	100.0%	30,000 J	<2.0	100.0%
R-PSDCA	<87	<2.0	100.0%	56	<2.0	100.0%
NVHOS, Acid Form	1,200	<2.0	100.0%	1,400	<2.0	100.0%
EVE Acid	260	<2.0	100.0%	140	<2.0	100.0%
Hydro-EVE Acid	1,200	<2.0	100.0%	1,500	<2.0	100.0%
R-EVE	830	<2.0	100.0%	940 J	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<34	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<130	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<240	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 Compounds)^{1,2}	140,000	28	>99.9%	190,000	100	>99.9%
Total Table 3+ (20 Compounds)¹	170,000	28	>99.9%	220,000	100	>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.

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.

NA - Constituent not analyzed

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 4b
Summary of Wet Weather Analytical Results - Seep B
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	SEEP-B-INFLUENT- RAIN-24-070822	SEEP-B-EFFLUENT- RAIN-24-070822	Percent Removal	SEEP-B-INFLUENT- RAIN-24-082222	SEEP-B-EFFLUENT- RAIN-24-082222	Percent Removal
	Sample Date: 08-Jul-22	Sample Date: 08-Jul-22		Sample Date: 22-Aug-22	Sample Date: 22-Aug-22	
Hfpo Dimer Acid	15,000	2.2	>99.9%	13,000	3.8	>99.9%
PFMOAA	120,000	18	>99.9%	130,000 J	140	99.9%
PFO2HxA	42,000	2.5	>99.9%	38,000	12	>99.9%
PFO3OA	11,000	<2.0	100.0%	10,000	<2.0	100.0%
PFO4DA	1,700	<2.0	100.0%	1,400	<2.0	100.0%
PFO5DA	<390	<2.0	100.0%	<78	<2.0	100.0%
PMPA	22,000	<10	100.0%	15,000	20	99.9%
PEPA	7,700	<20	100.0%	4,800	<20	100.0%
PS Acid	<98	<2.0	100.0%	<20	<2.0	100.0%
Hydro-PS Acid	<31	<2.0	100.0%	470	<2.0	100.0%
R-PSDA	2,900	<2.0	100.0%	1,500 J	<2.0	100.0%
Hydrolyzed PSDA	25,000	<2.0	100.0%	22,000 J	<2.0	100.0%
R-PSDCA	<87	<2.0	100.0%	23	<2.0	100.0%
NVHOS, Acid Form	2,100	<2.0	100.0%	1,800	<2.0	100.0%
EVE Acid	<87	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	880	<2.0	100.0%	660	<2.0	100.0%
R-EVE	1,200	<2.0	100.0%	710 J	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<34	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<130	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<240	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 Compounds)^{1,2}	220,000	23	>99.9%	220,000	180	99.9%
Total Table 3+ (20 Compounds)¹	250,000	23	>99.9%	240,000	180	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.

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.

NA - Constituent not analyzed

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 4c
Summary of Wet Weather Analytical Results - Seep C
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	SEEP-C-INFLUENT- RAIN-24-070822	SEEP-C-EFFLUENT- RAIN-24-070822	Percent Removal	SEEP-C-INFLUENT- RAIN-24-082322	SEEP-C-EFFLUENT- RAIN-24-082222	Percent Removal
	Sample Date: 08-Jul-22	Sample Date: 08-Jul-22		Sample Date: 23-Aug-22	Sample Date: 22-Aug-22	
Hfpo Dimer Acid	7,600	9.8	99.9%	12,000	3.4	>99.9%
PFMOAA	22,000	76	99.7%	31,000	34	99.9%
PFO2HxA	8,700	17	99.8%	15,000	7.4	>99.9%
PFO3OA	3,200	<2.0	100.0%	5,200	<2.0	100.0%
PFO4DA	1,000	<2.0	100.0%	1,900	<2.0	100.0%
PFO5DA	120	<2.0	100.0%	120	<2.0	100.0%
PMPA	2,800	<10	100.0%	5,300	<10	100.0%
PEPA	1,100	<20	100.0%	1,900	<20	100.0%
PS Acid	<20	<2.0	100.0%	<20	<2.0	100.0%
Hydro-PS Acid	170	<2.0	100.0%	290	<2.0	100.0%
R-PSDA	<71	<2.0	100.0%	<71	<2.0	100.0%
Hydrolyzed PSDA	470	<2.0	100.0%	600 J	<2.0	100.0%
R-PSDCA	<17	<2.0	100.0%	<17	<2.0	100.0%
NVHOS, Acid Form	280	<2.0	100.0%	460	<2.0	100.0%
EVE Acid	<17	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	530	<2.0	100.0%	830	<2.0	100.0%
R-EVE	290	<2.0	100.0%	450 J	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 Compounds)^{1,2}	48,000	100	99.8%	74,000	45	99.9%
Total Table 3+ (20 Compounds)¹	48,000	100	99.8%	75,000	45	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.

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.

NA - Constituent not analyzed

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 4d
Summary of Wet Weather Analytical Results - Seep D
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

<i>Table 3+ SOP (ng/L)</i>	SEEP-D-INFLUENT- RAIN-24-070822	SEEP-D-EFFLUENT- RAIN-24-070822	Percent Removal	SEEP-D-INFLUENT- RAIN-24-082022	SEEP-D-EFFLUENT- RAIN-24-082222	Percent Removal
	Sample Date: 08-Jul-22	Sample Date: 08-Jul-22		Sample Date: 20-Aug-22	Sample Date: 22-Aug-22	
Hfpo Dimer Acid	14,000	<2.0	100.0%	15,000	<2.0	100.0%
PFMOAA	46,000	16	>99.9%	49,000	<2.0	100.0%
PFO2HxA	18,000	<2.0	100.0%	22,000	<2.0	100.0%
PFO3OA	6,200	<2.0	100.0%	7,600	<2.0	100.0%
PFO4DA	1,800	<2.0	100.0%	2,300	<2.0	100.0%
PFO5DA	110	<2.0	100.0%	140	<2.0	100.0%
PMPA	5,200	<10	100.0%	6,500	<10	100.0%
PEPA	2,200	<20	100.0%	2,700	<20	100.0%
PS Acid	<20	<2.0	100.0%	<20	<2.0	100.0%
Hydro-PS Acid	230	<2.0	100.0%	300	<2.0	100.0%
R-PSDA	730	<2.0	100.0%	<71	<2.0	100.0%
Hydrolyzed PSDA	1,600	<2.0	100.0%	1,800 J	<2.0	100.0%
R-PSDCA	<17	<2.0	100.0%	<17	<2.0	100.0%
NVHOS, Acid Form	700	<2.0	100.0%	750	<2.0	100.0%
EVE Acid	<17	<2.0	100.0%	<17	<2.0	100.0%
Hydro-EVE Acid	960	<2.0	100.0%	1200	<2.0	100.0%
R-EVE	670	<2.0	100.0%	800 J	<2.0	100.0%
Perfluoro(2-ethoxyethane)sulfonic Acid	<6.7	<2.0	100.0%	<6.7	<2.0	100.0%
PFECA B	<27	<2.0	100.0%	<27	<2.0	100.0%
PFECA-G	<48	<2.0	100.0%	<48	<2.0	100.0%
Total Table 3+ (17 Compounds)^{1,2}	95,000	16	>99.9%	110,000	ND	>99.9%
Total Table 3+ (20 Compounds)¹	98,000	16	>99.9%	110,000	ND	>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.

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.

NA - Constituent not analyzed

ng/L - nanograms per liter

SOP - standard operating procedure

< - Analyte not detected above associated reporting limit.

ND - No Table 3+ compounds were detected above their associated reporting limits.

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

Table 5
Cape Fear River Elevation and Local Precipitation Statistics
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, NC

Seep	# of Days of Operation on Record	Percent of Operation Over Lifetime of System			
		River Above FTC Wall Elevation	River Above Bypass Spillway Elevation	River Above GAC Elevation	River Above Discharge Pipe Invert Elevation
C	624	2.3%	3.0%	5.6%	13.2%
A	491	0.5%	0.6%	1.4%	3.3%
B	450	0.5%	0.6%	1.1%	2.6%
D	434	0.6%	0.7%	1.6%	3.7%
Historical Annual Average (2007-2020) ^[2,3]		1.7%	2.2%	3.7%	9.6%

Precipitation (inches)	
Current Reporting Period (July - August 2022)	8.37
Current Reporting Period Historical Average (July - August 2004-2020) ^[4]	9.13
2022 Year-to-Date	22.48
Historical Year-to-Date Average (2004-2020) ^[4]	28.72
Historical Annual Average (2004-2020) ^[4]	43.44

Notes

- 1 River elevation and precipitation data from USGS Huske Lock and Dam site 02105500.
- 2 Operational period for river flooding statistics includes the entire lifetime of the system for each seep.
- 3 For clarity of presentation, historical river flooding averages based on Seep C elevations only.
- 4 The historical average was calculated using available data when the Huske rain gauge was operable.

Table 6a
Water Quality Data - Seep A
Reporting Period 10 (Jul - Aug 2022)
 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
7/15/2022	7.2	7.7	0.5	5.2	7.0	1.8	144	160	16	25	25	0	97.50	5.33	-92.17	NM	NM	NM
7/29/2022	5.4	6.3	0.9	3.8	5.1	1.3	117	68	-49	27	28	1	23.10	11.90	-11.20	NM	NM	NM
8/15/2022	5.7	3.0	-2.7	3.9	5.5	1.6	221	211	-10	27	25	-2	2.87	2.15	-0.72	NM	NM	NM
8/30/2022	7.3	7.4	0.1	4.2	5.6	1.4	263	224	-39	28	29	1	3.17	0.91	-2.26	NM	NM	NM
<i>Average</i>	<i>6.4</i>	<i>6.1</i>	<i>-0.3</i>	<i>4.3</i>	<i>5.8</i>	<i>1.5</i>	<i>186.1</i>	<i>165.7</i>	<i>-20.4</i>	<i>26.8</i>	<i>26.7</i>	<i>-0.1</i>	<i>31.7</i>	<i>5.1</i>	<i>-26.6</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>
<i>Median</i>	<i>6.4</i>	<i>6.8</i>	<i>0.4</i>	<i>4.1</i>	<i>5.6</i>	<i>1.5</i>	<i>182.3</i>	<i>185.3</i>	<i>3.0</i>	<i>27.1</i>	<i>26.6</i>	<i>-0.4</i>	<i>13.1</i>	<i>3.7</i>	<i>-9.4</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>

Notes:

- DO dissolved oxygen
- mg/L milligrams per liter
- SU standard units
- NTU nephelometric turbidity units
- µS/cm microSiemens per centimeter
- TSS total suspended solids
- NM not measured

Table 6b
Water Quality Data - Seep B
Reporting Period 10 (Jul - Aug 2022)
 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
7/15/2022	7.0	7.8	0.8	5.5	7.0	1.5	119	119	0	25	25	-0.4	22.90	44.10	21.2	NM	NM	NM
7/29/2022	6.0	6.5	0.5	6.4	6.6	0.2	8	26	18	27	27	0	65.20	51.90	-13.30	NM	NM	NM
8/15/2022	2.9	2.2	-0.7	5.4	5.8	0.4	196	145	-51	25	25	0	1.97	1.78	-0.19	NM	NM	NM
8/30/2022	6.0	6.0	0.0	8.5	11.5	3.0	0	0	0	26	26	0	13.30	12.90	-0.40	NM	NM	NM
<i>Average</i>	<i>5.5</i>	<i>5.6</i>	<i>0.1</i>	<i>6.5</i>	<i>7.7</i>	<i>1.2</i>	<i>80.8</i>	<i>72.3</i>	<i>-8.4</i>	<i>26.0</i>	<i>25.9</i>	<i>-0.2</i>	<i>25.8</i>	<i>27.7</i>	<i>1.8</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>
<i>Median</i>	<i>6.0</i>	<i>6.2</i>	<i>0.2</i>	<i>5.9</i>	<i>6.8</i>	<i>0.8</i>	<i>63.5</i>	<i>72.3</i>	<i>8.7</i>	<i>25.7</i>	<i>25.6</i>	<i>-0.2</i>	<i>18.1</i>	<i>28.5</i>	<i>10.4</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>

Notes:

- DO dissolved oxygen
- mg/L milligrams per liter
- SU standard units
- NTU nephelometric turbidity units
- µS/cm microSiemens per centimeter
- TSS total suspended solids
- NM not measured

Table 6c
Water Quality Data - Seep C
Reporting Period 10 (Jul - Aug 2022)
 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
7/15/2022	6.8	8.1	1.3	6.2	6.8	0.6	108	101	-7	25	24	-1	161.00	65.20	-95.80	NM	NM	NM
7/29/2022	5.3	6.8	1.5	6.8	6.9	0.1	14	8	-6	31	31	0	29.30	14.10	-15.20	NM	NM	NM
8/15/2022	4.0	4.2	0.2	5.8	7.4	1.6	159	153	-6	27	28	1	3.30	1.94	-1.36	NM	NM	NM
8/30/2022	5.9	6.1	0.2	8.8	9.4	0.6	0	0	0	28	29	1	96.70	6.05	-90.65	NM	NM	NM
<i>Average</i>	<i>5.5</i>	<i>6.3</i>	<i>0.8</i>	<i>6.9</i>	<i>7.6</i>	<i>0.7</i>	<i>70.2</i>	<i>65.4</i>	<i>-4.8</i>	<i>28.1</i>	<i>28.1</i>	<i>0.0</i>	<i>72.6</i>	<i>21.8</i>	<i>-50.8</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>
<i>Median</i>	<i>5.6</i>	<i>6.4</i>	<i>0.8</i>	<i>6.5</i>	<i>7.1</i>	<i>0.7</i>	<i>60.8</i>	<i>54.5</i>	<i>-6.3</i>	<i>27.8</i>	<i>28.5</i>	<i>0.6</i>	<i>63.0</i>	<i>10.1</i>	<i>-52.9</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>

Notes:

- DO dissolved oxygen
- mg/L milligrams per liter
- SU standard units
- NTU nephelometric turbidity units
- µS/cm microSiemens per centimeter
- TSS total suspended solids
- NM not measured

Table 6d
Water Quality Data - Seep D
Reporting Period 10 (Jul - Aug 2022)
 Chemours Fayetteville Works
 Fayetteville, North Carolina

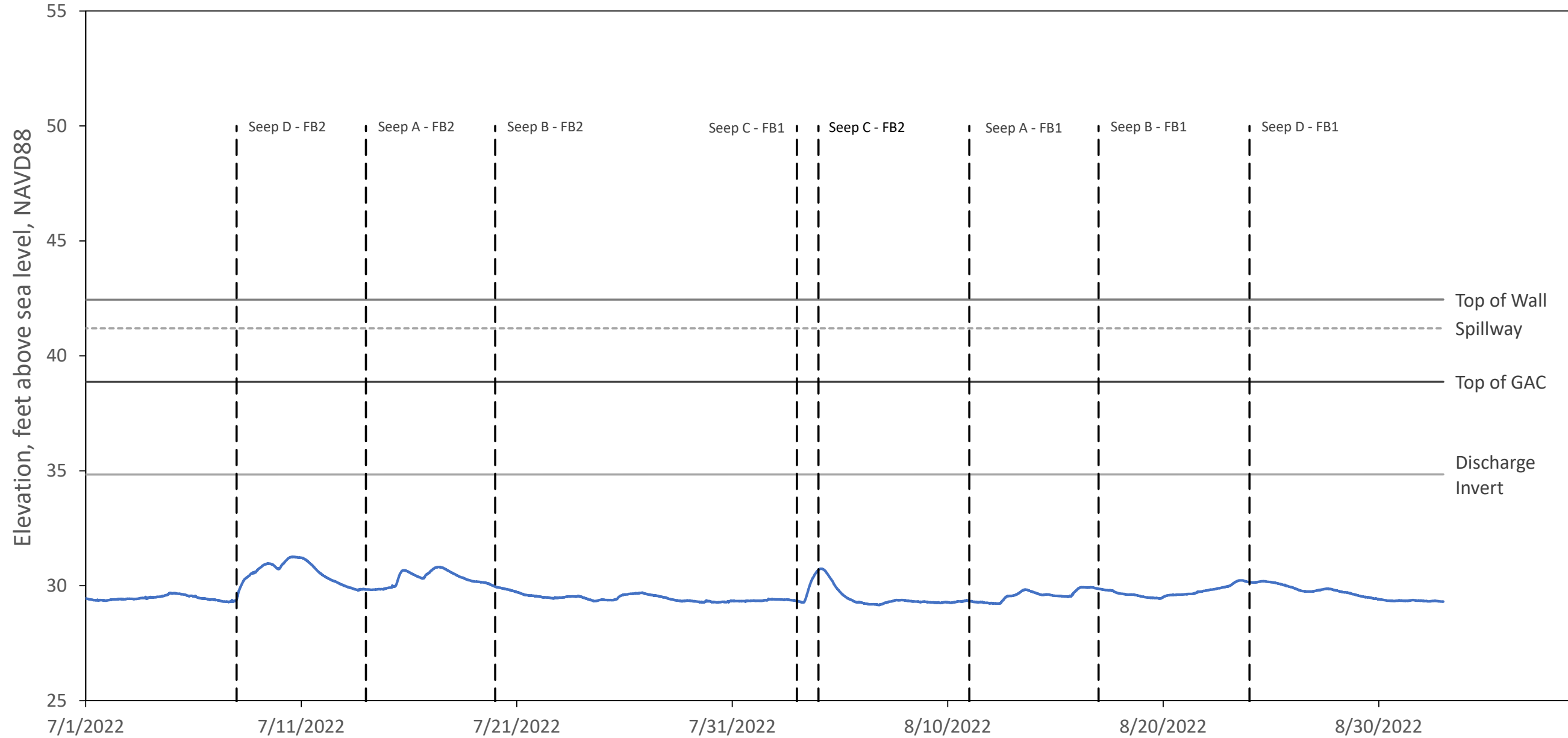
Date	DO (mg/L)			pH (SU)			Specific Conductance (µS/cm)			Temperature (°C)			Turbidity (NTU)			TSS (mg/L)		
	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference	Influent	Effluent	Difference
7/15/2022	7.1	8.0	0.9	6.4	6.4	0.0	119	421	302	26	24	-2	34.10	5.41	-28.69	NM	NM	NM
7/29/2022	6.6	7.1	0.5	6.9	7.0	0.1	13	8	-5	29	29	0	9.86	12.90	3.04	NM	NM	NM
8/15/2022	3.1	2.3	-0.8	6.0	7.0	1.0	155	156	1	25	28	3	3.56	2.12	-1.44	NM	NM	NM
8/30/2022	7.2	7.3	0.1	5.7	5.4	-0.3	220	242	22	30	30	0	21.21	0.60	-20.61	NM	NM	NM
<i>Average</i>	<i>6.0</i>	<i>6.1</i>	<i>0.1</i>	<i>6.3</i>	<i>6.4</i>	<i>0.2</i>	<i>126.8</i>	<i>206.9</i>	<i>80.0</i>	<i>27.5</i>	<i>27.6</i>	<i>0.1</i>	<i>17.2</i>	<i>5.3</i>	<i>-11.9</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>
<i>Median</i>	<i>6.9</i>	<i>7.2</i>	<i>0.3</i>	<i>6.2</i>	<i>6.7</i>	<i>0.5</i>	<i>137.1</i>	<i>199.1</i>	<i>62.0</i>	<i>27.4</i>	<i>28.3</i>	<i>0.9</i>	<i>15.5</i>	<i>3.8</i>	<i>-11.8</i>	<i>NM</i>	<i>NM</i>	<i>NM</i>

Notes:

- DO dissolved oxygen
- mg/L milligrams per liter
- SU standard units
- NTU nephelometric turbidity units
- µS/cm microSiemens per centimeter
- TSS total suspended solids
- NM not measured

FIGURES

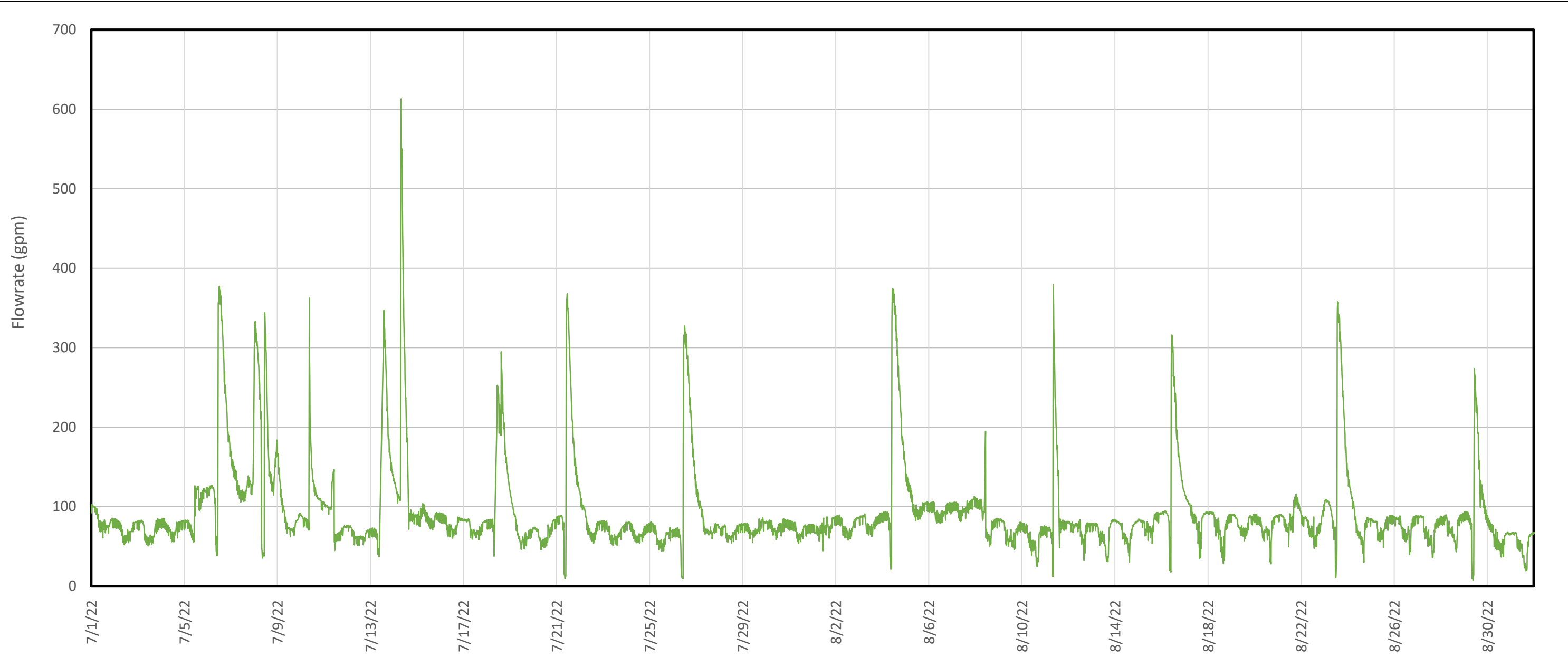
River Elevation During Flow Through Cell Operation (07/01/2022 through 08/31/2022)



Legend
 — River
 - - GAC Changeout

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

River Level & FTC As-Built Elevations	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants <small>Geosyntec Consultants of NC, P.C. NC License No: C 3500 and C 295</small>	Figure
Raleigh, NC	September 2022
1	



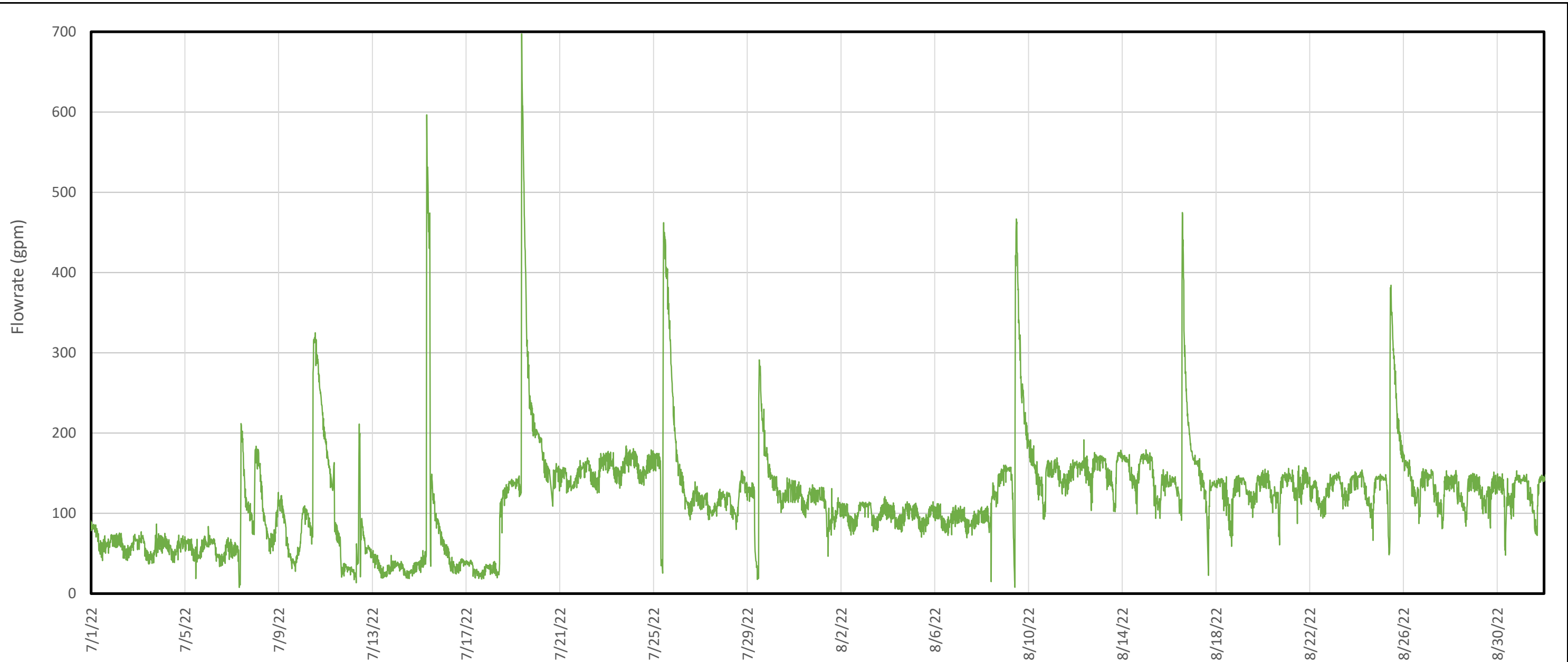
Legend
— Measured Discharge Flowrate

Flowrate Statistics (gpm)

	(07/01 - 08/31)	Since Startup
Median	79	87
95 th percentile	221	268
Max	613	882

Notes:
 gpm - gallons per minute
 GAC - granular activated carbon
 Figure 2a depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

Measured Discharge Flowrate (Jul - Aug 2022) - Seep A Chemours Fayetteville Works Fayetteville, North Carolina		Figure 2a
Geosyntec consultants Raleigh, NC	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295 September 2022	



Legend
 — Measured Discharge Flowrate

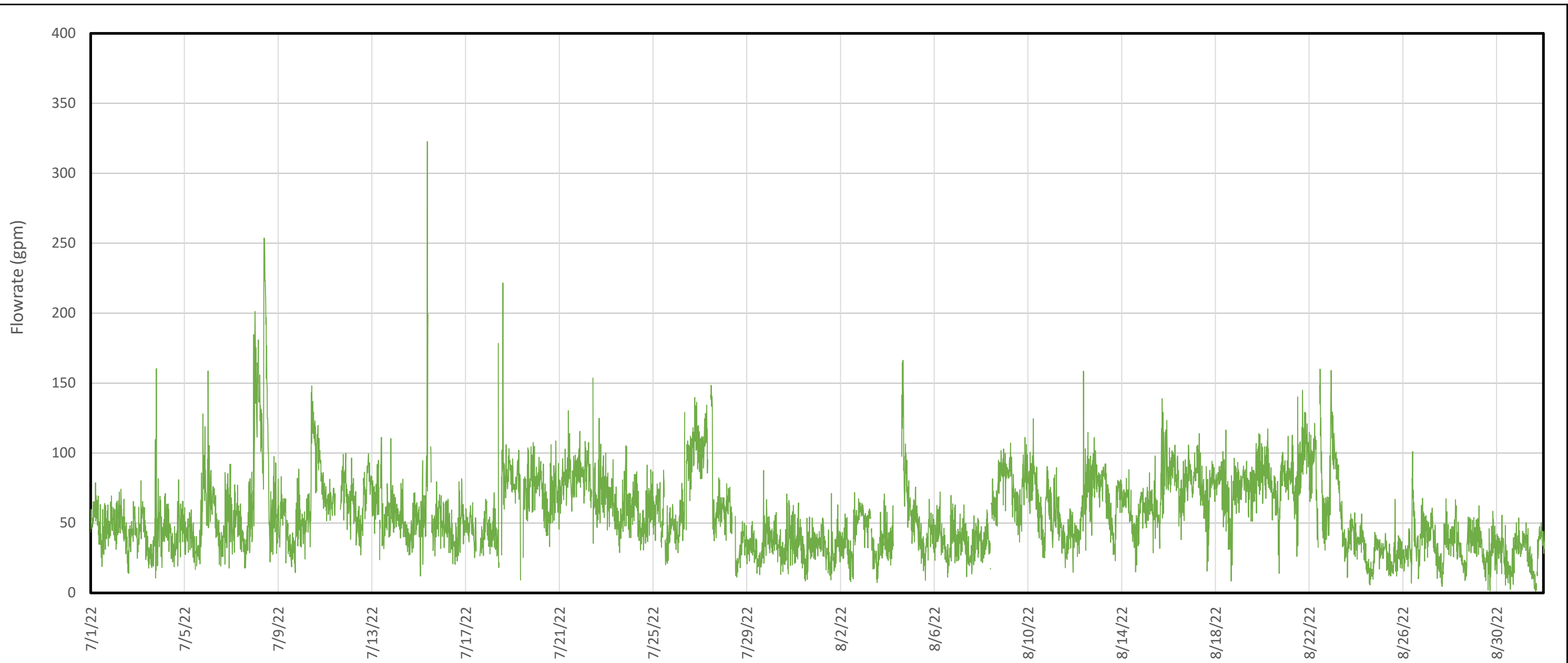
Flowrate Statistics (gpm)

	(07/01 - 08/31)	Since Startup
Median	121	126
95 th percentile	204	274
Max	697	1,153

Notes:
 gpm - gallons per minute
 GAC - granular activated carbon
 Figure 2b depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

Measured Discharge Flowrate (Jul - Aug 2022) - Seep B Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022

Figure
2b



Legend
— Measured Discharge Flowrate

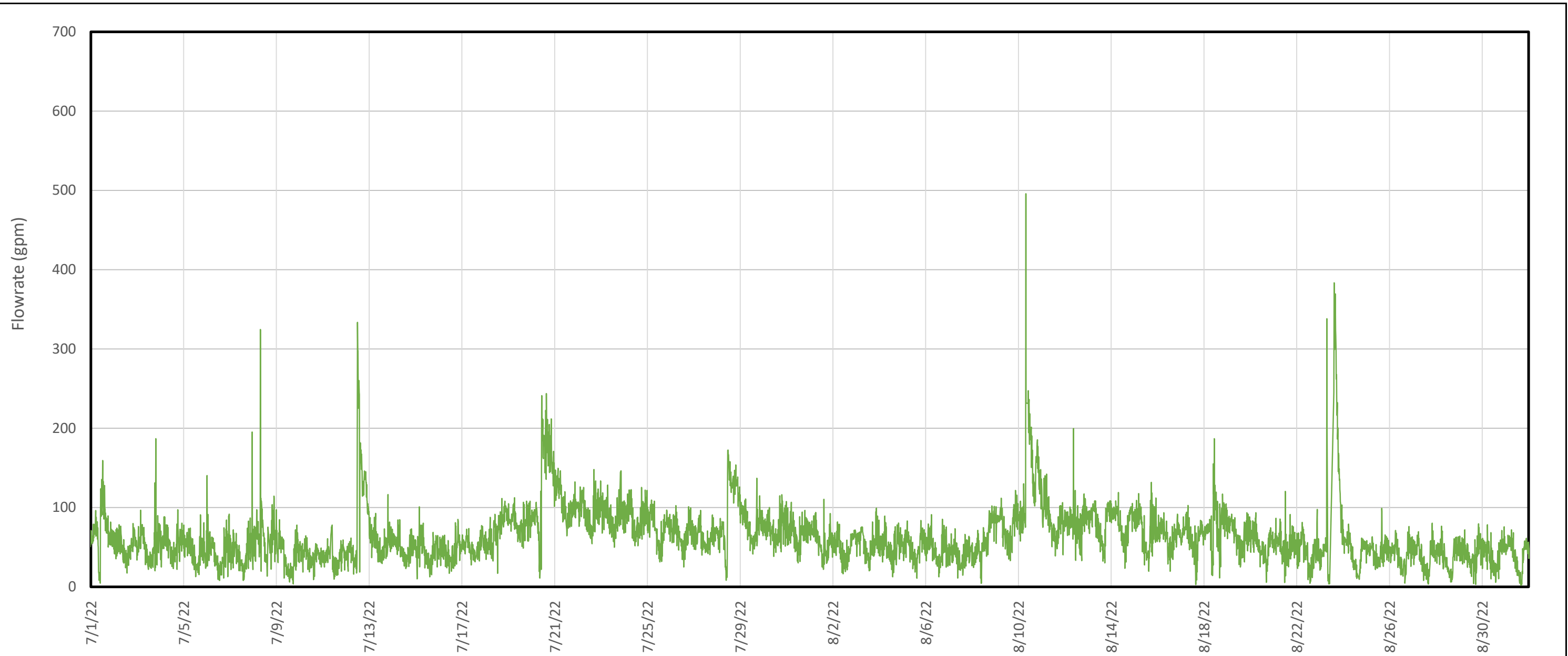
Flowrate Statistics (gpm)

	(07/01 - 08/31)	Since Startup
Median	52	59
95 th percentile	103	144
Max	323	372

Notes:
 gpm - gallons per minute
 GAC - granular activated carbon
 Figure 2c depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

Measured Discharge Flowrate (Jul - Aug 2022) - Seep C Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec [®] consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022

**Figure
2c**



Legend
— Measured Discharge Flowrate

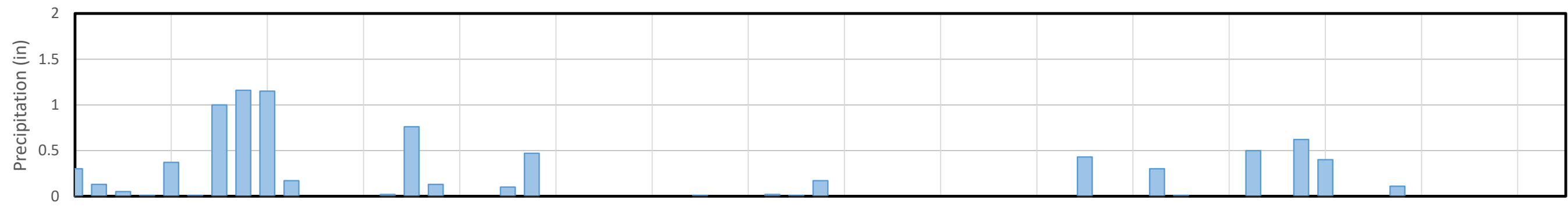
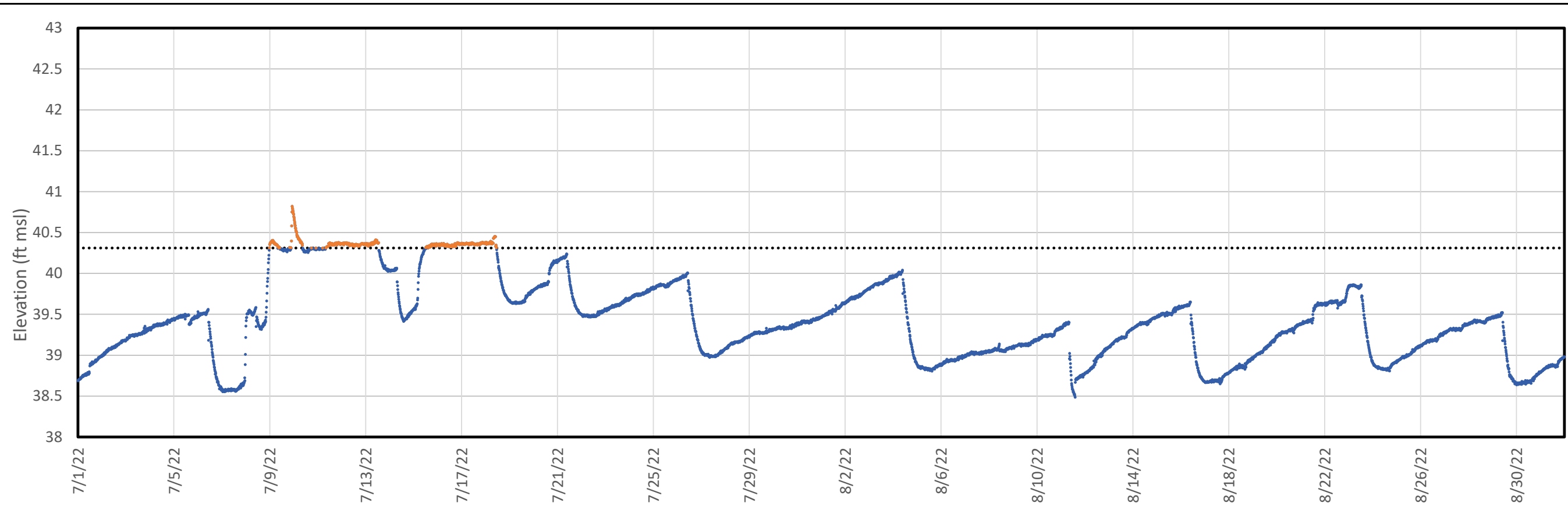
Flowrate Statistics (gpm)

	(07/01 - 08/31)	Since Startup
Median	58	86
95 th percentile	118	280
Max	496	836

Notes:
 gpm - gallons per minute
 GAC - granular activated carbon
 Figure 2d depicts the measured discharge flowrate (solid green) of water processed through the filter beds calculated using the Effluent Stilling Basin transducer data.

Measured Discharge Flowrate (Jul - Aug 2022) - 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	September 2022

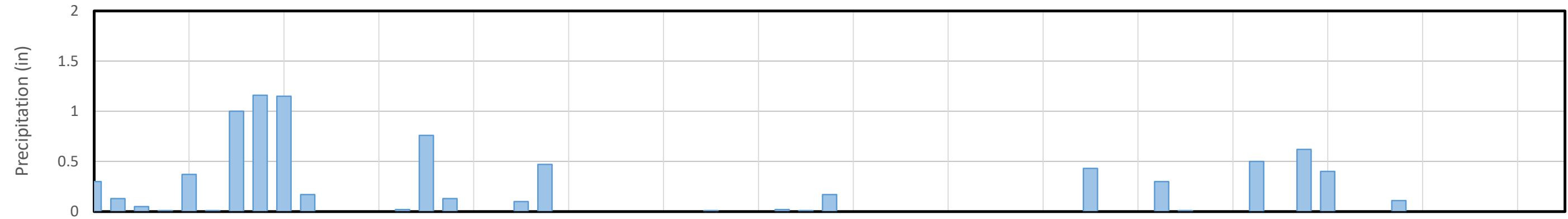
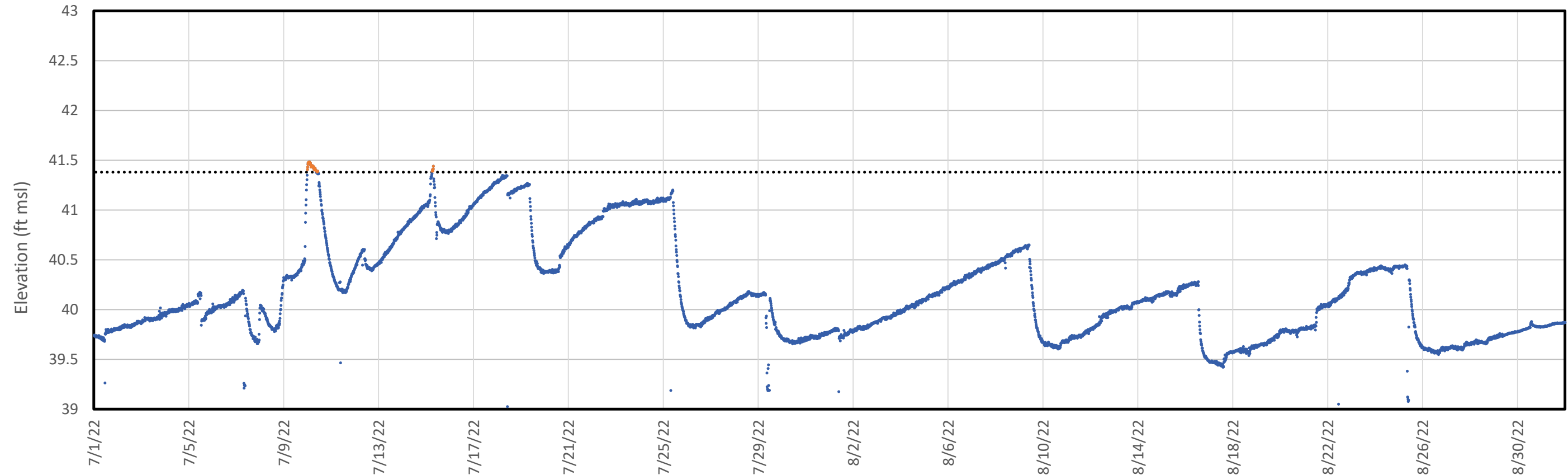
Figure
2d



- Legend**
- Influent Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆ Bypass Spillway Elevation
 - █ USGS Precipitation (daily totals)

Notes:
 Figure 3a depicts the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.

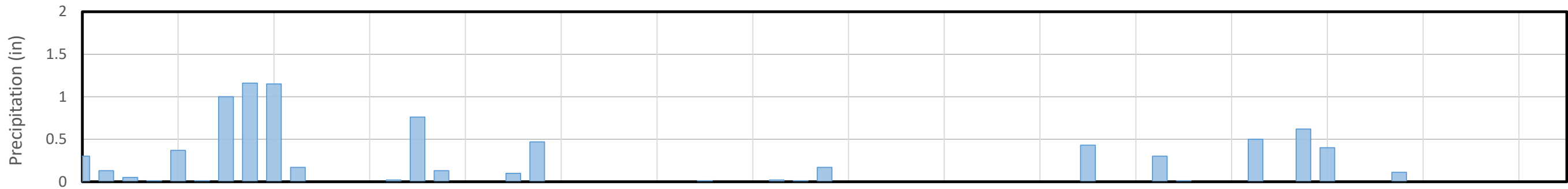
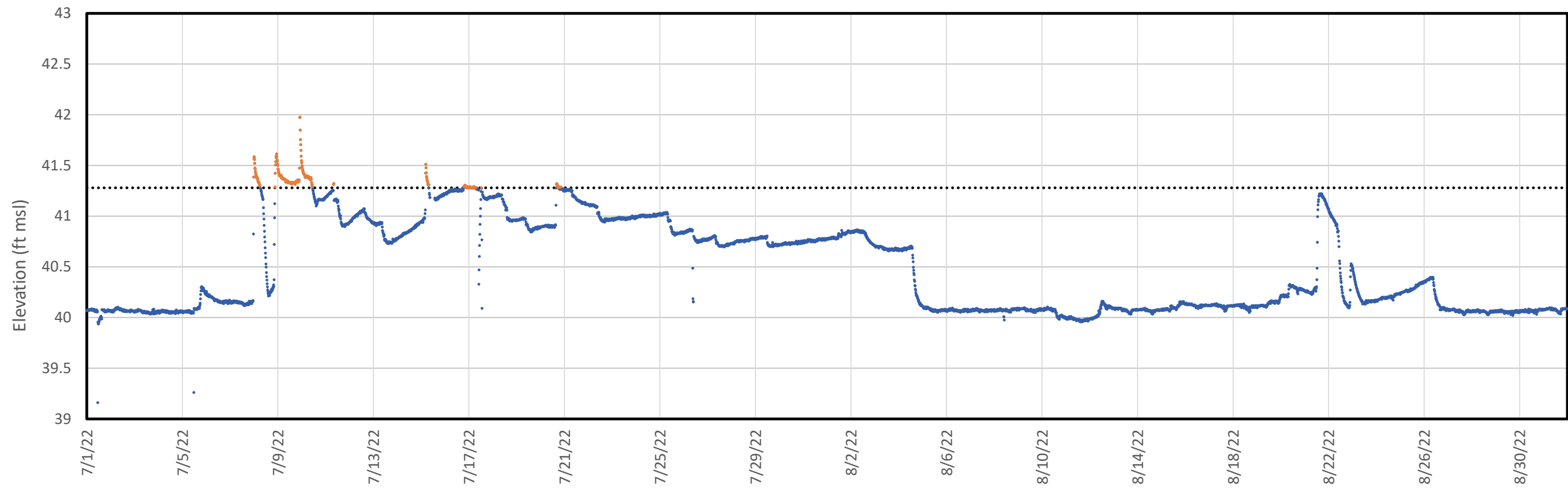
Influent Water Elevation and Bypass Flow (Jul - Aug 2022) - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure 3a	



- Legend
- Influent Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆◆ Bypass Spillway Elevation
 - USGS Precipitation (daily totals)

Notes:
 Figure 3b shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.
 Precipitation data obtained from USGS gauge #02105500 at the William O. Huske Lock and Dam.

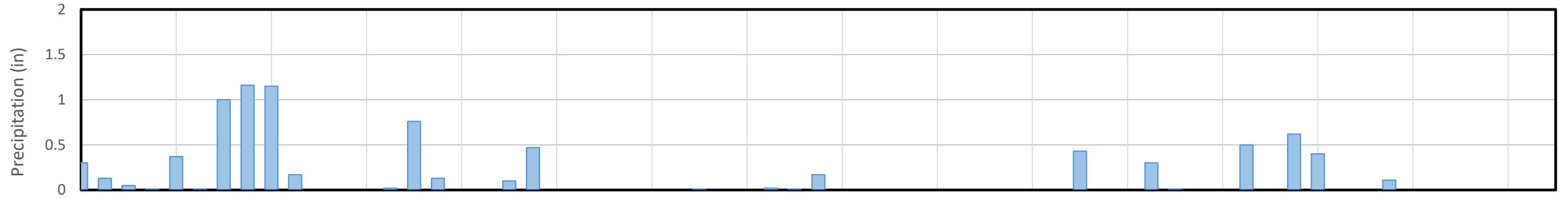
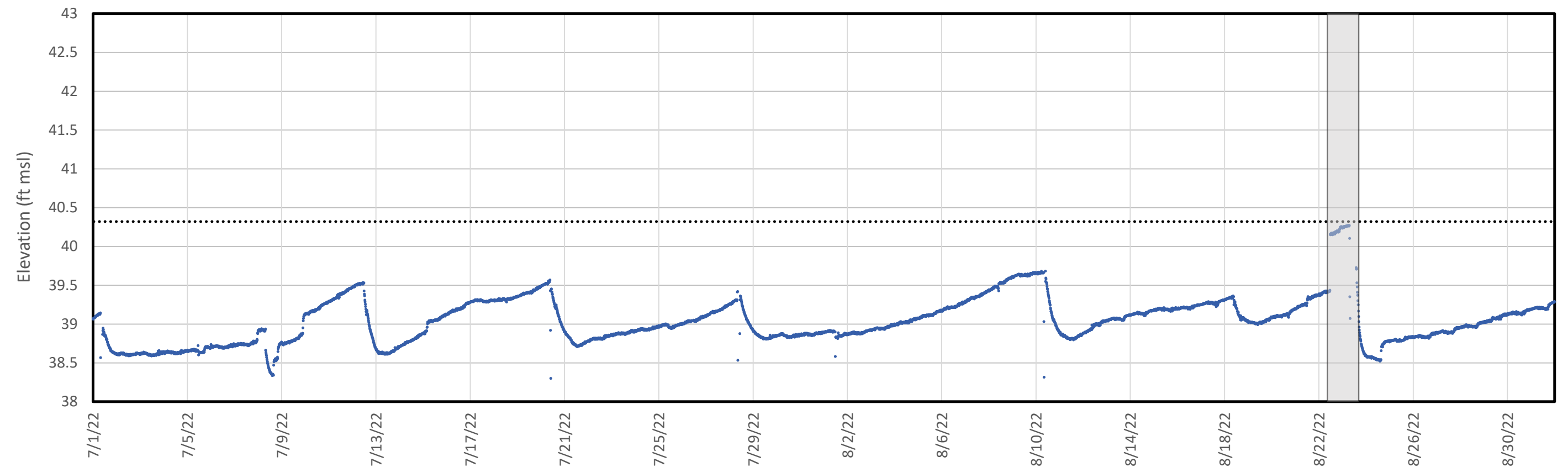
Influent Water Elevation and Bypass Flow (Jul - Aug 2022) - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure 3b	



- Legend
- Inflow Chamber/Impoundment Water Elevation
 - Impoundment Water Elevation Above Bypass Spillway
 - ◆◆◆ Bypass Spillway Elevation
 - USGS Precipitation (daily totals)

Notes:
 Figure 3c shows the influent transducer data that was collected during the reporting period (blue line). Instances of impoundment bypass flow are shown in orange.
 Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.

Influent Water Elevation and Bypass Flow (Jul - Aug 2022) - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure 3c	



Legend

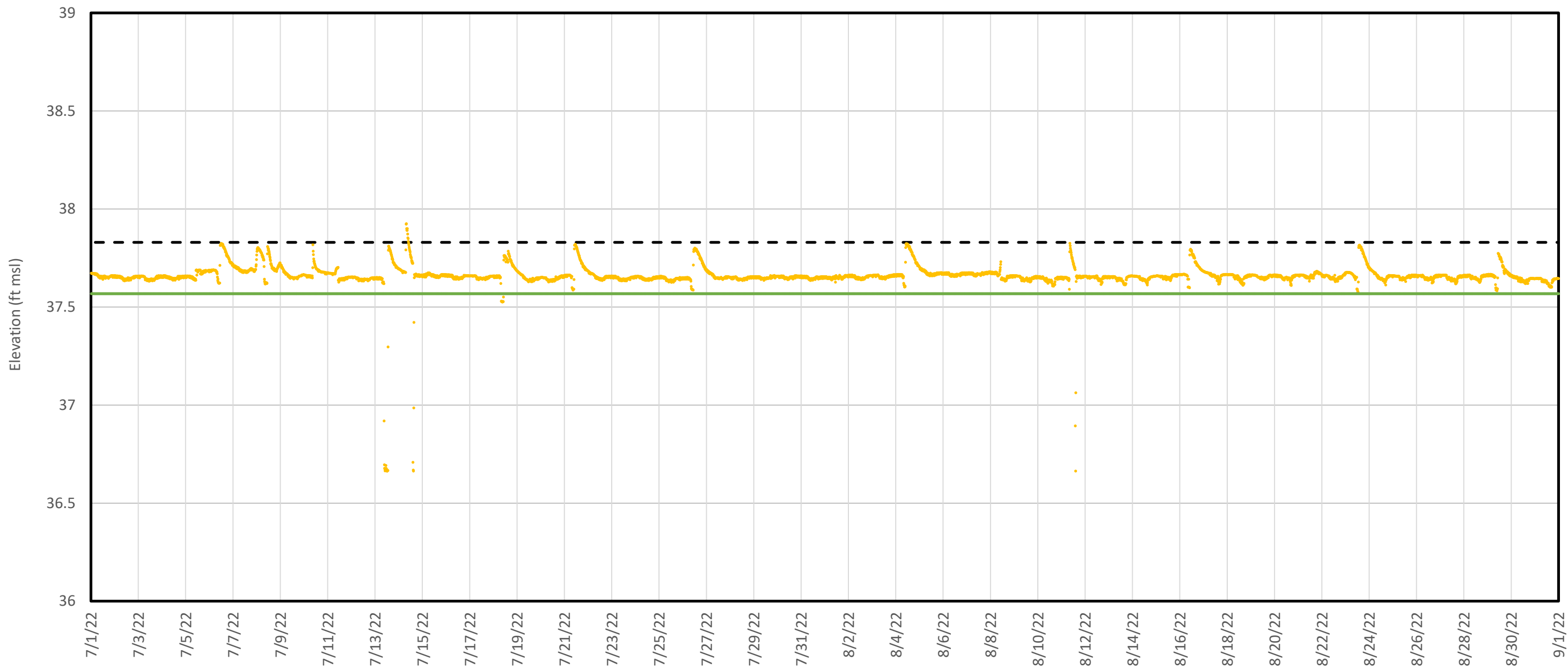
- Inlet Chamber/Impoundment Water Elevation
- ◆◆ Bypass Spillway Elevation
- USGS Precipitation (daily totals)
- Anomalous Data

Notes:
 Figure 3d shows the inlet transducer data that was collected during the reporting period (blue line).
 Precipitation data obtained from USGS gauge# 02105500 at the William O. Huske Lock and Dam.
 On August 22, 2022, the chain holding the inlet transducer at Seep D broke and caused an abrupt increase in water height over the transducer. The inlet transducer was repaired on August 24, 2022. As such, the transducer data for this two day period is considered likely to be anomalous.

Influent Water Elevation and Bypass Flow (Jul - Aug 2022) - 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	September 2022
Figure 3d	

APPENDIX A

Transducer Data Reduction



Legend

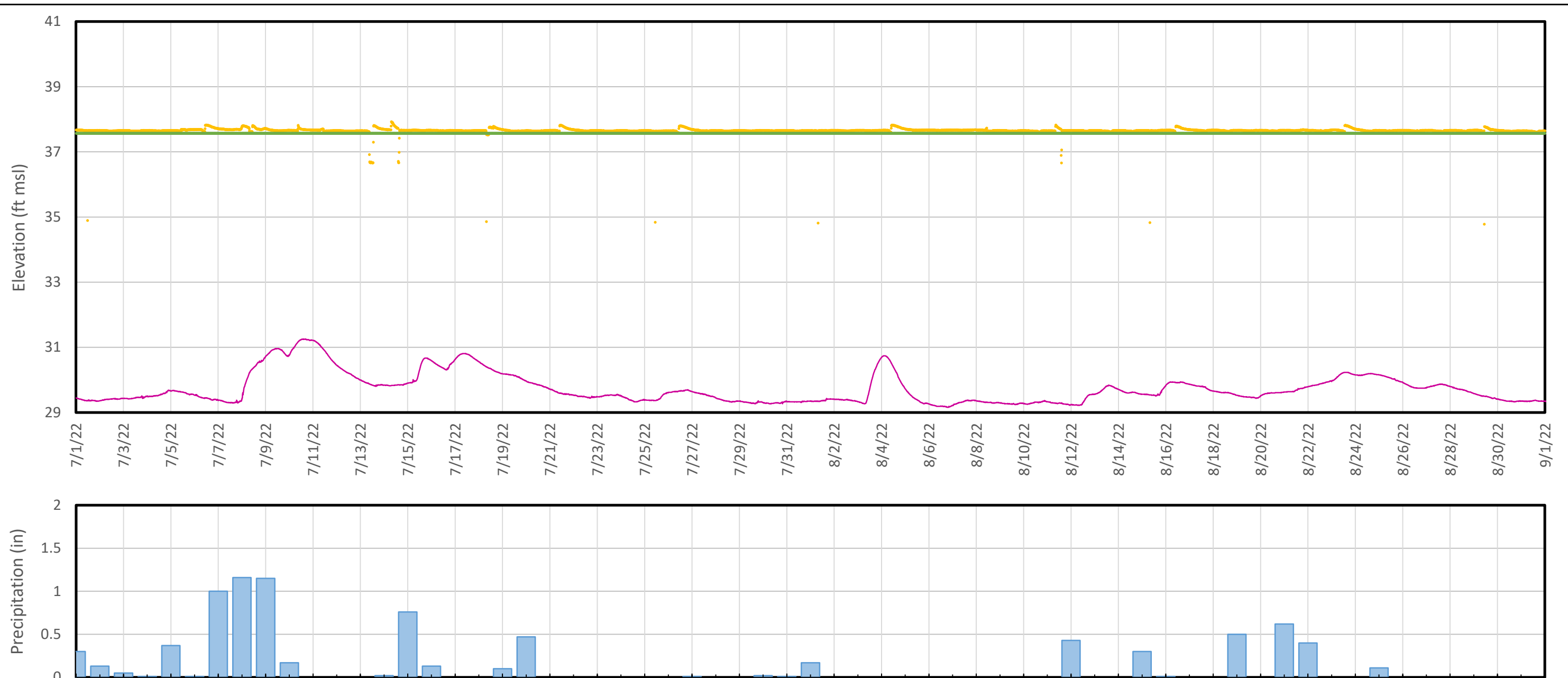
- Discharge Basin Elevation
- Weir 3 Elevation
- - - GAC Elevation

Notes:

GAC - granular activated carbon

Figure A1-A shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure A1-A	



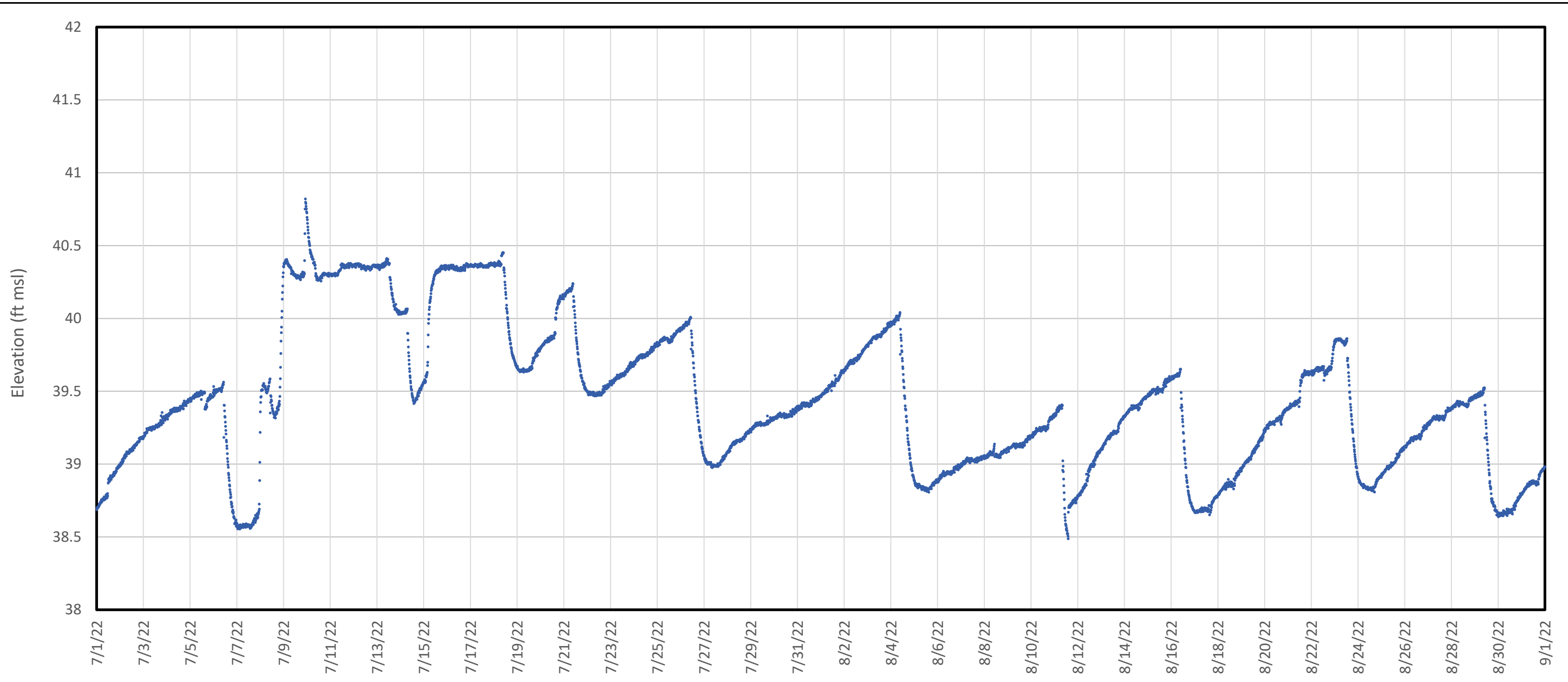
Legend

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

Notes:

As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure A2-A compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

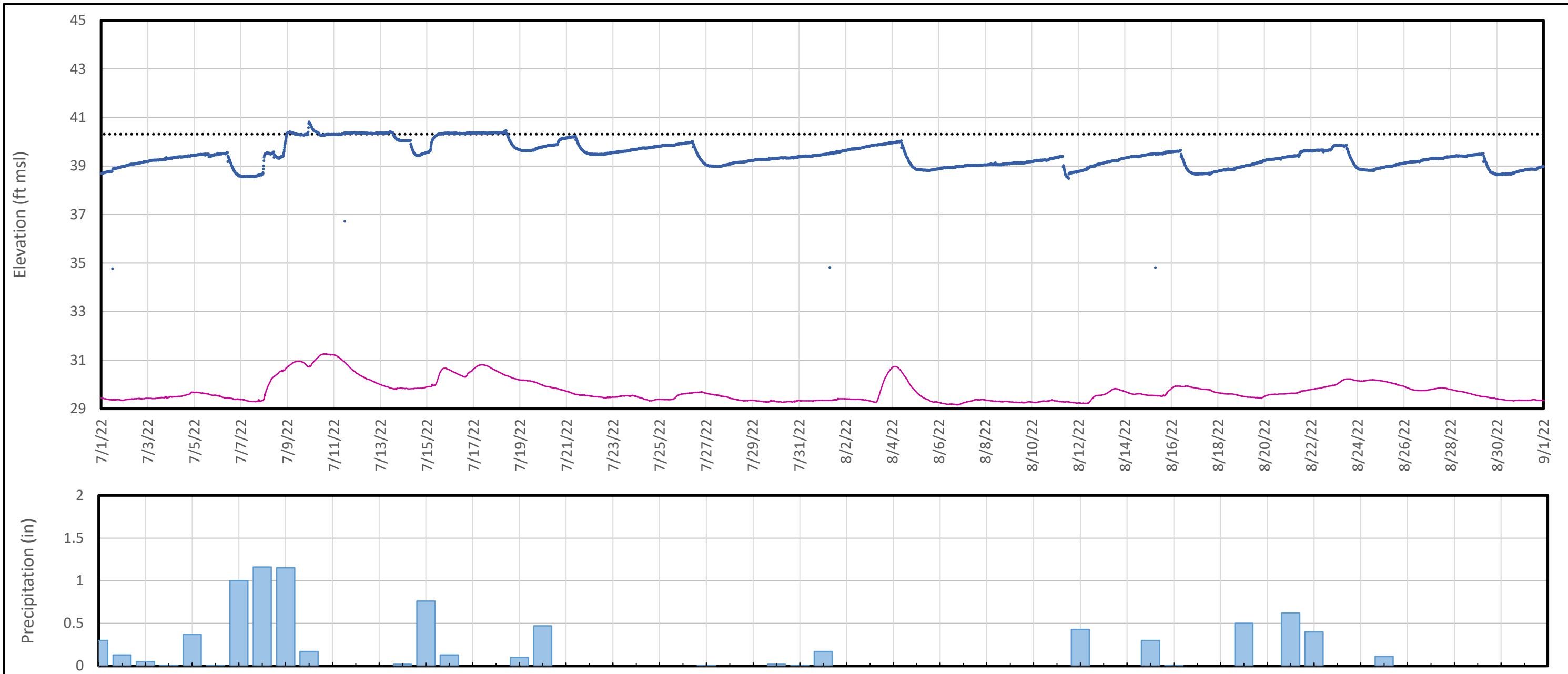
Discharge Basin Water Elevation and External Forcings - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A2-A	



Legend
— Inlet Chamber/Impoundment Elevation

Notes:
 Figure A3-A shows the influent transducer data that was collected during the reporting period.

Inlet Chamber Water Elevation - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A3-A	



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure A4-A compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

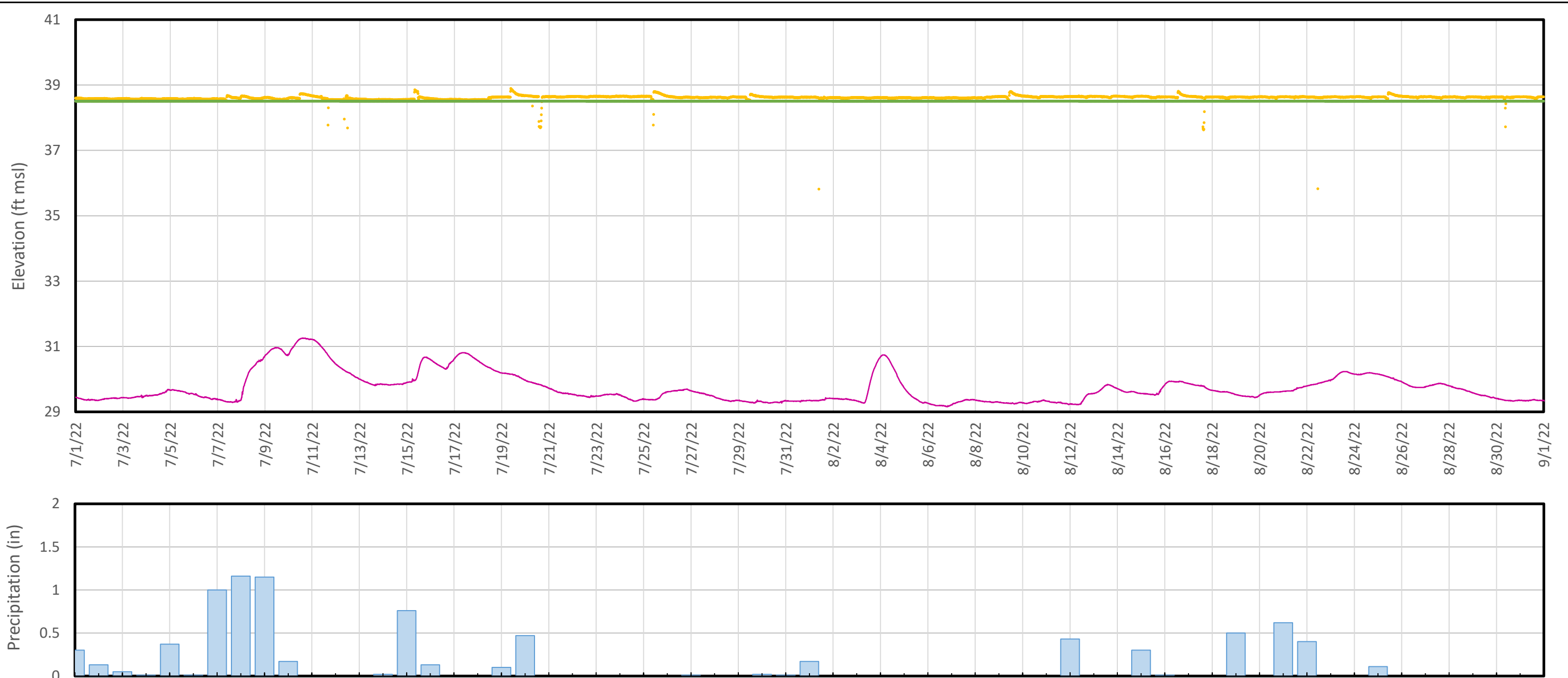
Inlet Chamber Water Elevation and External Forcings - Seep A	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure A4-A	



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

Notes:
 GAC - granular activated carbon
 Figure A1-B shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure A1-B	

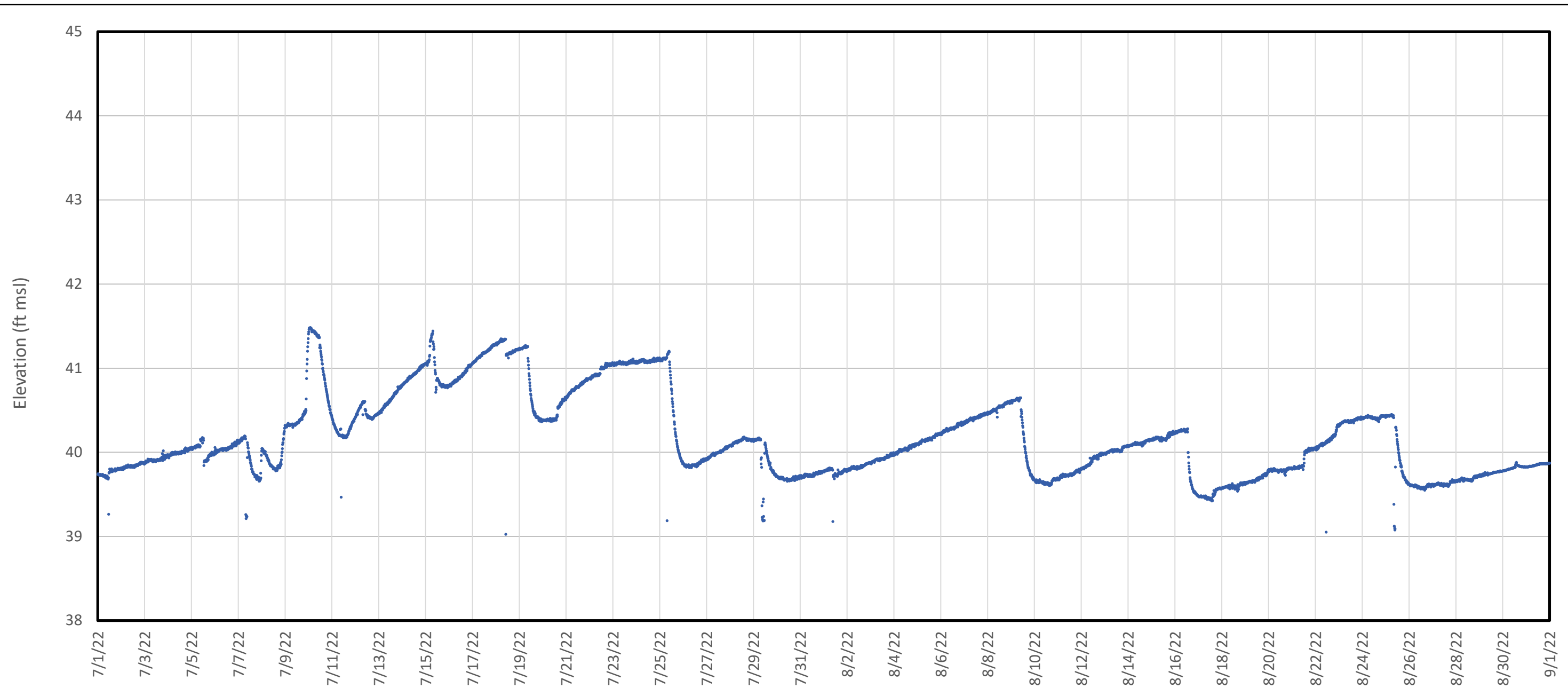


Legend

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

Notes:
 As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure A2-B compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

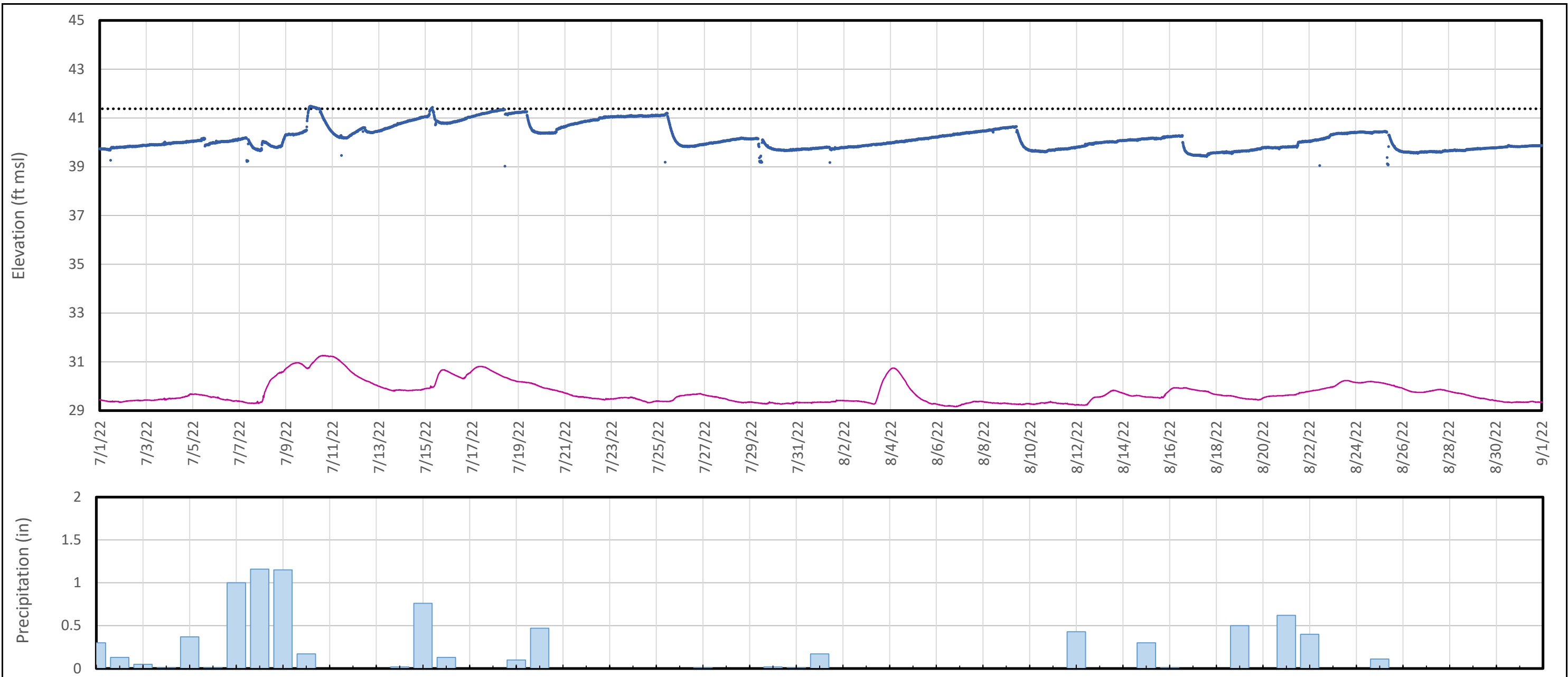
Discharge Basin Water Elevation and External Forcings - Seep B Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A2-B	



Legend
— Inlet Chamber/Impoundment Elevation

Notes:
 Figure A3-B shows the influent transducer data that was collected during the reporting period.

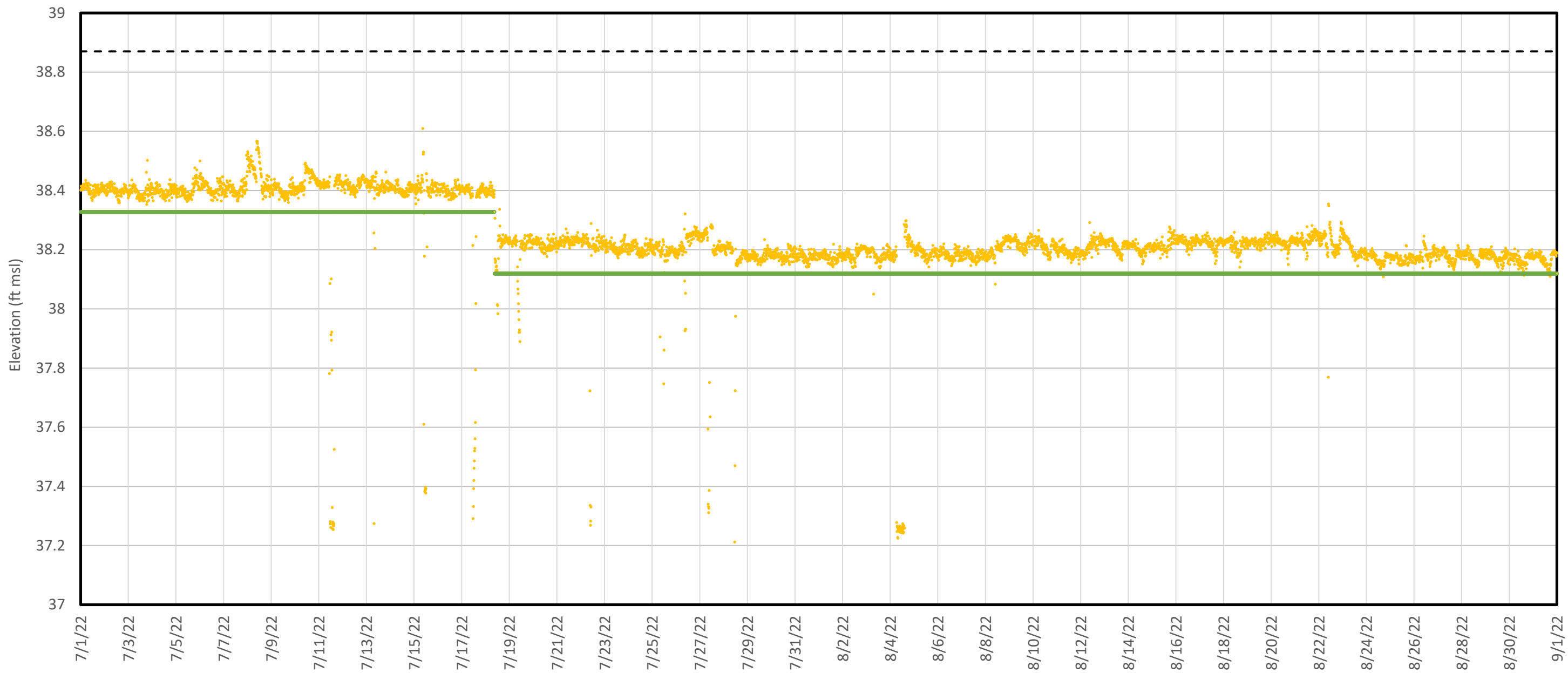
Inlet Chamber Water Elevation - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A3-B	



- Legend**
- Inlet Chamber Water Elevation
 - River Stage
 - ◆◆◆ Bypass Spillway Elevation
 - █ USGS Precipitation (daily totals)

Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure A4-B compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Inlet Chamber Water Elevation and External Forcings - Seep B	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec <small>consultants</small>	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure A4-B	



Legend

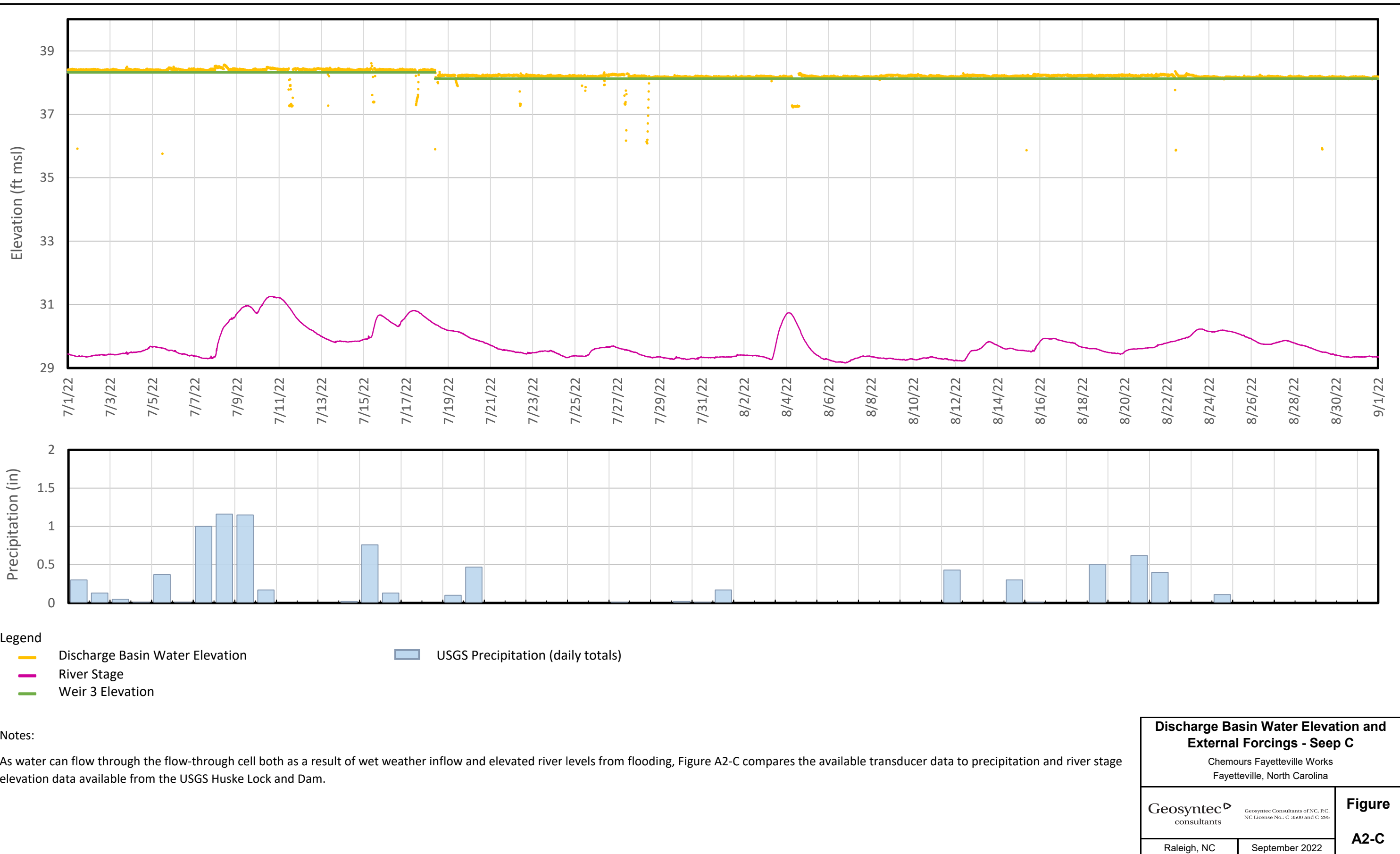
- Discharge Basin Elevation
- Weir 3 Elevation
- - - GAC Elevation

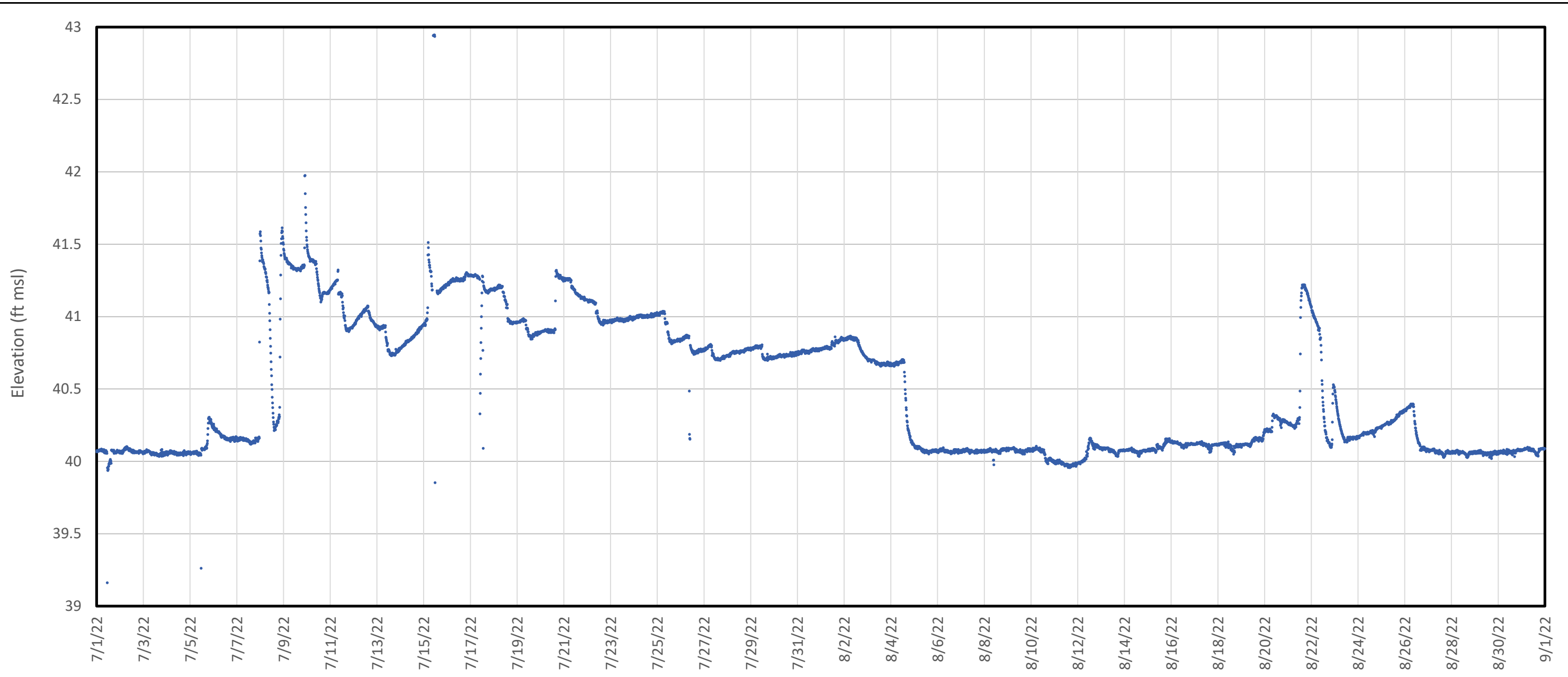
Notes:

GAC - granular activated carbon

Figure A1-C shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep C		
Chemours Fayetteville Works Fayetteville, North Carolina		
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C. 3500 and C. 295	Figure A1-C
Raleigh, NC	September 2022	

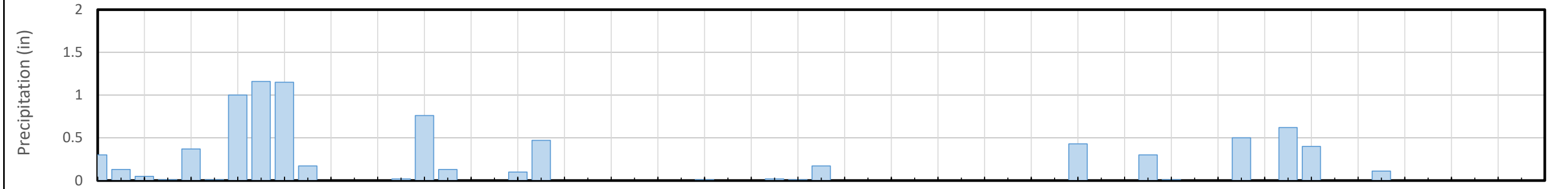
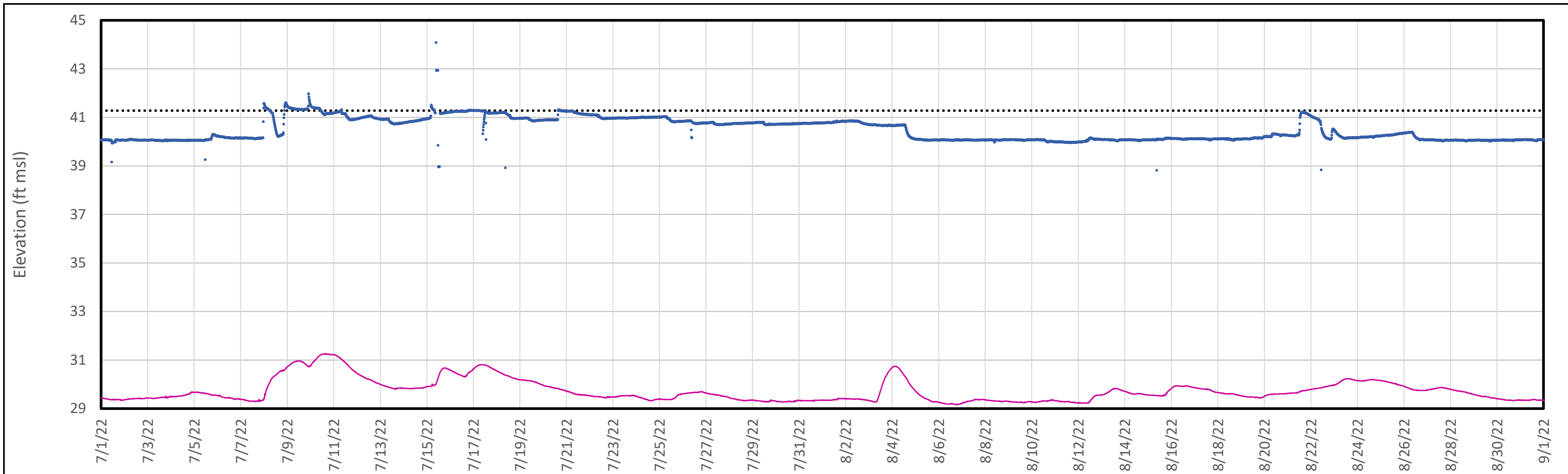




Legend
— Inlet Chamber/Impoundment Elevation

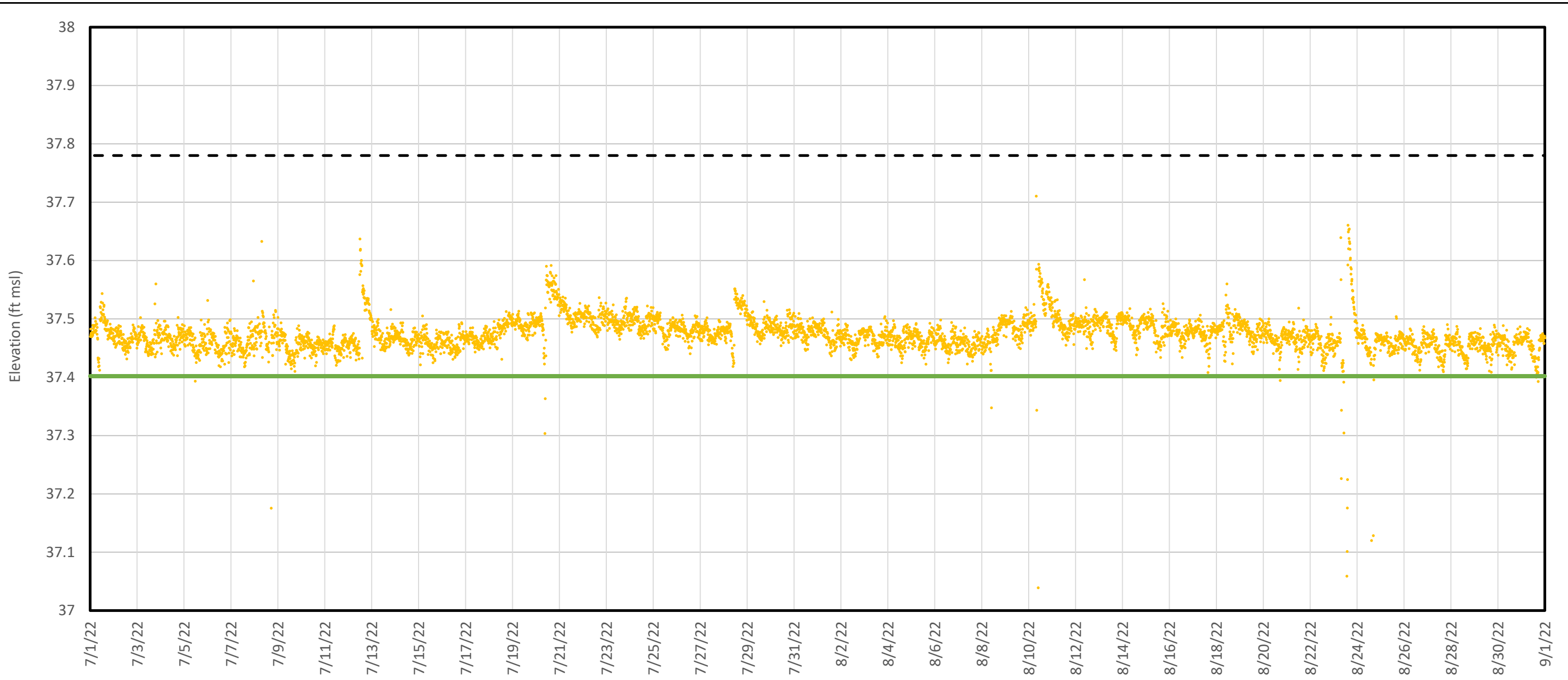
Notes:
 Figure A3-C shows the influent transducer data that was collected during the reporting period.

Inlet Chamber Water Elevation - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A3-C	



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure A4-C compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

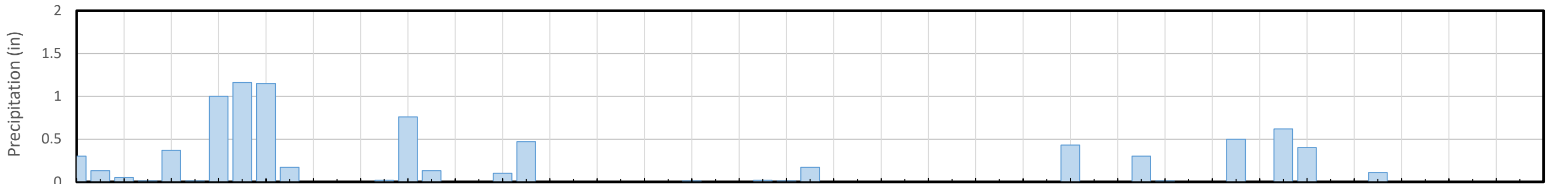
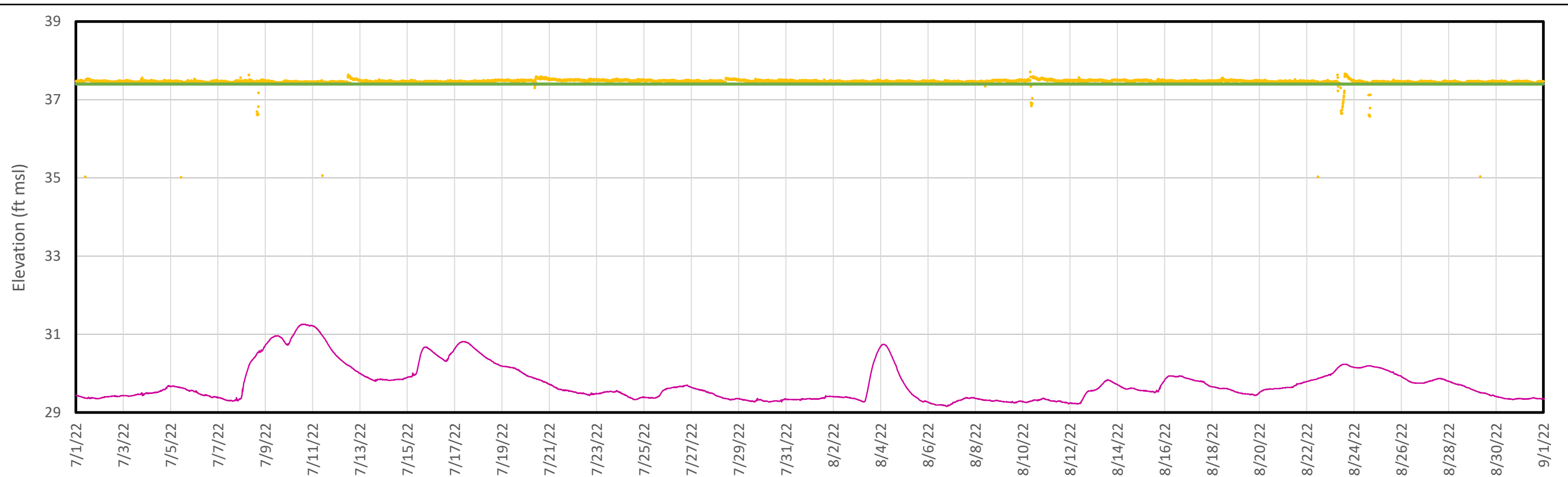
Inlet Chamber Water Elevation and External Forcings - Seep C	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295
Raleigh, NC	September 2022
Figure A4-C	



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

Notes:
 GAC - granular activated carbon
 Figure A1-D shows the discharge basin transducer data that was collected during the reporting period.

Discharge Basin Water Elevation - Seep D		
Chemours Fayetteville Works Fayetteville, North Carolina		
Geosyntec consultants	Geosyntec Consultants of NC, P.C. NC License No.: C. 3500 and C. 295	Figure A1-D
Raleigh, NC	September 2022	

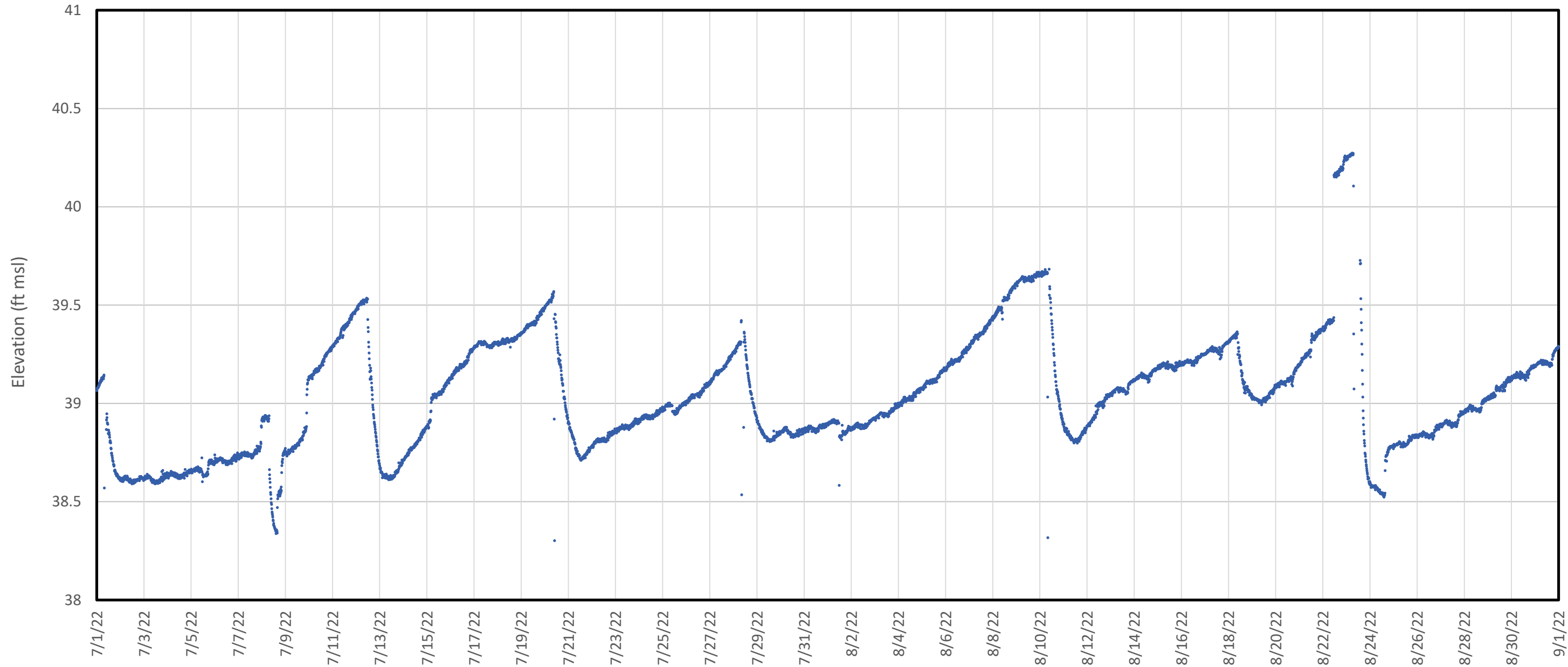


Legend

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

Notes:
 As water can flow through the flow-through cell both as a result of wet weather inflow and elevated river levels from flooding, Figure A2-D compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Discharge Basin Water Elevation and External Forcings - Seep D	
Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022
Figure A2-D	



Legend

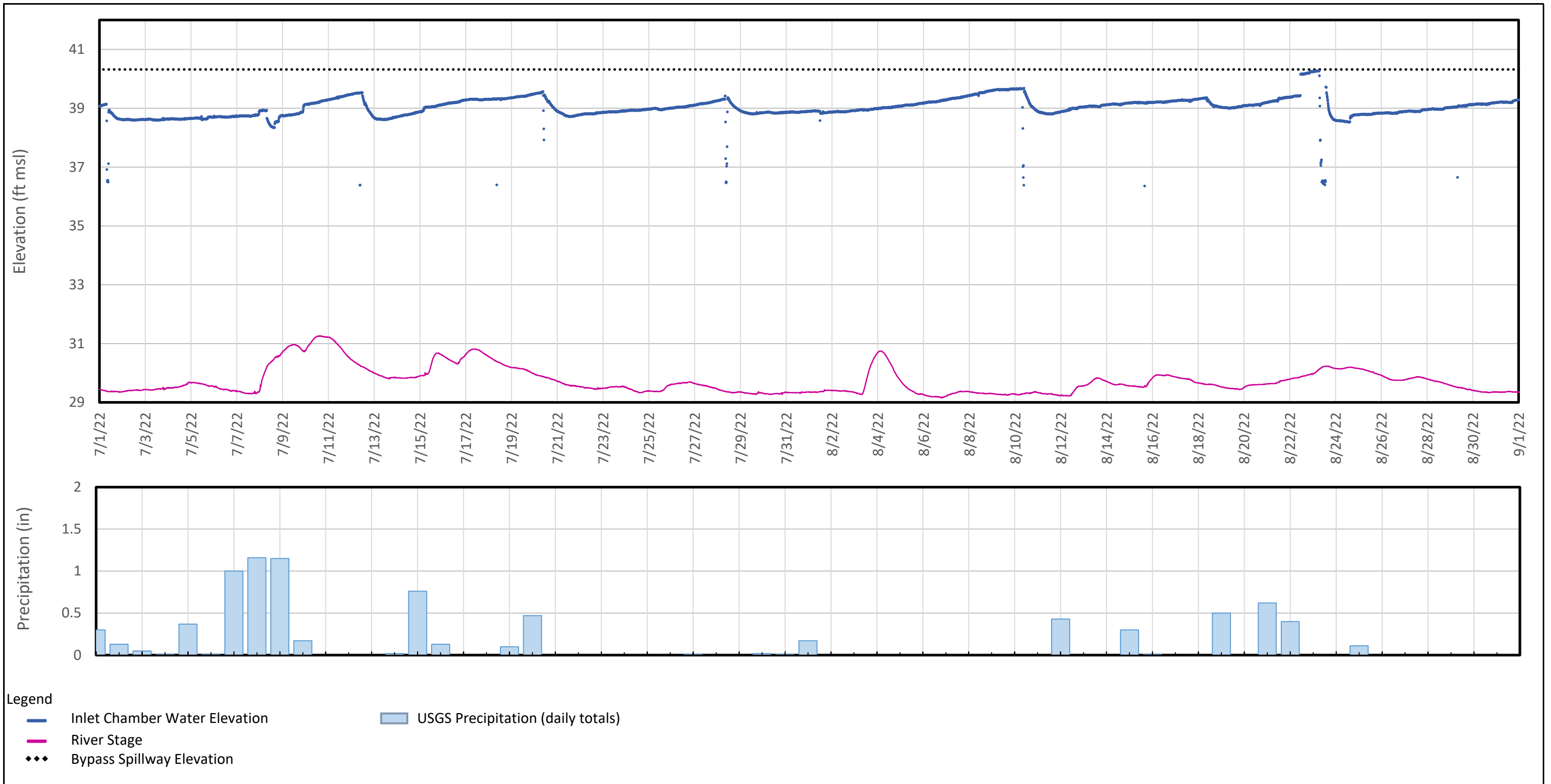
— Inlet Chamber/Impoundment Elevation

Notes:

Figure A3-D shows the influent transducer data that was collected during the reporting period.

Inlet Chamber Water Elevation - Seep D Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022

**Figure
A3-D**



Notes:
 As water can flow through the Bypass Spillway both as a result of wet weather inflow and elevated river levels from flooding, Figure A4-D compares the available transducer data to precipitation and river stage elevation data available from the USGS Huske Lock and Dam.

Inlet Chamber Water Elevation and External Forcings - Seep D Chemours Fayetteville Works Fayetteville, North Carolina	
Geosyntec consultants	<small>Geosyntec Consultants of NC, P.C. NC License No.: C 3500 and C 295</small>
Raleigh, NC	September 2022

Figure A4-D

APPENDIX B
Laboratory Analytical Data Review Narrative
(Full lab reports to be uploaded to OneDrive and EQUIS)

ADQM Data Review

Site: Chemours Fayetteville

Project: Seep Flow Through Cell Sampling 2022 (select lots)

Project Reviewer: Michael Aucoin

Sample Summary

Field Sample ID	Laboratory Sample ID	Sample Matrix	Filtered	Sample Date	Sample Time	Sample Purpose*
SEEP-A-INFLUENT-RAIN-24-070822	320-90063-1	Surface Water	N	07/08/2022	23:07	FS
SEEP-A-EFFLUENT-RAIN-24-070822	320-90063-2	Surface Water	N	07/08/2022	23:02	FS
SEEP-B-INFLUENT-RAIN-24-070822	320-90063-3	Surface Water	N	07/08/2022	23:03	FS
SEEP-B-EFFLUENT-RAIN-24-070822	320-90063-4	Surface Water	N	07/08/2022	23:02	FS
SEEP-C-INFLUENT-RAIN-24-070822	320-90063-5	Surface Water	N	07/08/2022	23:03	FS
SEEP-C-EFFLUENT-RAIN-24-070822	320-90063-6	Surface Water	N	07/08/2022	23:08	FS
SEEP-D-INFLUENT-RAIN-24-070822	320-90063-7	Surface Water	N	07/08/2022	23:04	FS
SEEP-D-EFFLUENT-RAIN-24-070822	320-90063-8	Surface Water	N	07/08/2022	23:04	FS
SEEP-FBLK-071422	320-90063-9	Blank Water	N	07/14/2022	13:30	FB
SEEP-A-INFLUENT-336-071522	320-90167-1	Surface Water	N	07/15/2022	10:00	FS
SEEP-A-EFFLUENT-336-071522	320-90167-2	Surface Water	N	07/15/2022	10:00	FS
SEEP-C-INFLUENT-336-071522	320-90167-3	Surface Water	N	07/15/2022	10:00	FS
SEEP-C-EFFLUENT-210-071522	320-90167-4	Surface Water	N	07/15/2022	10:00	FS
SEEP-D-INFLUENT-336-071522	320-90167-5	Surface Water	N	07/15/2022	10:00	FS
SEEP-D-EFFLUENT-336-071522	320-90167-6	Surface Water	N	07/15/2022	10:00	FS
SEEP-B-EFFLUENT-336-071522	320-90167-7	Surface Water	N	07/15/2022	10:00	FS
SEEP-B-INFLUENT-252-071522	320-90167-8	Surface Water	N	07/15/2022	10:00	FS
SEEP-FBLK-071922	320-90167-9	Blank Water	N	07/19/2022	11:45	FB
SEEP-A-INFLUENT-336-072922	320-90626-1	Surface Water	N	07/29/2022	10:00	FS
SEEP-A-EFFLUENT-336-072922	320-90626-2	Surface Water	N	07/29/2022	10:00	FS

SEEP-C-INFLUENT-336-072922	320-90626-3	Surface Water	N	07/29/2022	10:00	FS
SEEP-C-EFFLUENT-336-072922	320-90626-4	Surface Water	N	07/29/2022	10:00	FS
SEEP-D-INFLUENT-330-072922	320-90626-5	Surface Water	N	07/29/2022	10:00	FS
SEEP-D-EFFLUENT-336-072922	320-90626-6	Surface Water	N	07/29/2022	10:00	FS
SEEP-B-EFFLUENT-336-072922	320-90626-7	Surface Water	N	07/29/2022	10:00	FS
SEEP-B-INFLUENT-336-072922	320-90626-8	Surface Water	N	07/29/2022	10:00	FS
SEEP-FBLK-080222	320-90626-9	Blank Water	N	08/02/2022	09:00	FB
SEEP-A-INFLUENT-336-081522	320-91041-1	Surface Water	N	08/15/2022	10:00	FS
SEEP-FBLK-081522	320-91041-10	Blank Water	N	08/15/2022	10:15	FB
SEEP-A-EFFLUENT-336-081522	320-91041-2	Surface Water	N	08/15/2022	10:00	FS
SEEP-B-INFLUENT-282-081522	320-91041-3	Surface Water	N	08/15/2022	10:00	FS
SEEP-B-EFFLUENT-270-081522	320-91041-4	Surface Water	N	08/15/2022	10:00	FS
SEEP-C-INFLUENT-336-081522	320-91041-5	Surface Water	N	08/15/2022	10:00	FS
SEEP-C-EFFLUENT-336-081522	320-91041-6	Surface Water	N	08/15/2022	10:00	FS
SEEP-D-INFLUENT-330-081522	320-91041-7	Surface Water	N	08/15/2022	10:00	FS
SEEP-D-EFFLUENT-330-081522	320-91041-8	Surface Water	N	08/15/2022	10:00	FS
SEEP-EQBLK-081522	320-91041-9	Blank Water	N	08/15/2022	10:05	EB
SEEP-A-INFLUENT-RAIN-24-082222	320-91385-1	Surface Water	N	08/22/2022	12:23	FS
SEEP-A-EFFLUENT-RAIN-24-082222	320-91385-2	Surface Water	N	08/22/2022	12:17	FS
SEEP-B-INFLUENT-RAIN-24-082222	320-91385-3	Surface Water	N	08/22/2022	12:19	FS
SEEP-B-EFFLUENT-RAIN-24-082222	320-91385-4	Surface Water	N	08/22/2022	12:18	FS
SEEP-C-INFLUENT-RAIN-24-082322	320-91385-5	Surface Water	N	08/23/2022	12:36	FS

SEEP-C-EFFLUENT-RAIN-24-082222	320-91385-6	Surface Water	N	08/22/2022	12:18	FS
SEEP-D-INFLUENT-RAIN-24-082022	320-91385-7	Surface Water	N	08/20/2022	22:45	FS
SEEP-D-EFFLUENT-RAIN-24-082222	320-91385-8	Surface Water	N	08/22/2022	12:18	FS
SEEP-EQBLK-082322	320-91385-9	Blank Water	N	08/23/2022	16:00	EB
SEEP-A-INFLUENT-336-083022	320-91688-1	Surface Water	N	08/30/2022	06:00	FS
SEEP-A-EFFLUENT-336-083022	320-91688-2	Surface Water	N	08/30/2022	07:00	FS
SEEP-C-INFLUENT-336-083022	320-91688-3	Surface Water	N	08/30/2022	06:00	FS
SEEP-C-EFFLUENT-336-083022	320-91688-4	Surface Water	N	08/30/2022	06:00	FS
SEEP-D-INFLUENT-336-083022	320-91688-5	Surface Water	N	08/30/2022	06:00	FS
SEEP-D-EFFLUENT-300-083022	320-91688-6	Surface Water	N	08/30/2022	06:00	FS
SEEP-B-EFFLUENT-336-083022	320-91688-7	Surface Water	N	08/30/2022	06:00	FS
SEEP-B-INFLUENT-336-083022	320-91688-8	Surface Water	N	08/30/2022	06:00	FS

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

Analytical Protocol

Laboratory ¹	Method	Parameters
Eurofins Environ Testing Northern Cali	Cl. Spec. Table 3 Compound SOP	Per- and Polyfluorinated Alkyl Substances (PFAS)

¹ This laboratory name changed to Eurofins Environmental Testing Northern California

(former TestAmerica Sacramento), effective January 1, 2022.

ADQM Data Review Checklist

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

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

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

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

Data Verification Module (DVM)

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

- Field and laboratory blank contamination
- US EPA hold time criteria
- Missing Quality Control (QC) samples
- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- Difference/RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference/percent difference between total and dissolved sample pairs

There are two qualifier fields in EIM:

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

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

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

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

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

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

DVM Narrative Report

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2022

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-EFFLUENT-270-081522	08/15/2022	320-91041-4	PFMOAA	0.044	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-330-081522	08/15/2022	320-91041-8	PFMOAA	0.015	ug/L	PQL		0.0020	B	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	R-PSDA	0.071	UG/L	PQL		0.071	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	R-PSDA	0.071	UG/L	PQL		0.071	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	R-PSDA	0.071	UG/L	PQL		0.071	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	R-PSDCA	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PS Acid	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	EVE Acid	0.017	UG/L	PQL		0.017	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-336-071522	07/15/2022	320-90167-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PMPA	0.010	UG/L	PQL		0.010	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	Hfpo Dimer Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFO4DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFECA B	0.027	UG/L	PQL		0.027	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFO5DA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFECA-G	0.048	UG/L	PQL		0.048	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	Perfluoro(2-ethoxyethane)sulfonic	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFECA B	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	R-PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	Hydrolyzed PSDA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	R-PSDCA	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	R-EVE	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PEPA	0.020	UG/L	PQL		0.020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PS Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	Hydro-PS Acid	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	Hydro-EVE Acid	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	NVHOS, Acid Form	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFECA-G	0.0020	UG/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	Perfluoro(2-ethoxyethane)sulfonic	0.0067	UG/L	PQL		0.0067	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2022

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-EFFLUENT-336-083022	08/30/2022	320-91688-4	PFO3OA	0.0020	ug/L	PQL		0.0020	UJ	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2022

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-D-INFLUENT-330-081522	08/15/2022	320-91041-7	PFMOAA	49	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-1	PFMOAA	80	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-3	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-D-INFLUENT-336-071522	07/15/2022	320-90167-5	R-PSDA	1.0	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-071522	07/15/2022	320-90167-5	Hydrolyzed PSDA	2.3	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-336-071522	07/15/2022	320-90167-5	R-EVE	0.91	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-071522	07/15/2022	320-90167-3	Hydrolyzed PSDA	0.76	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-071522	07/15/2022	320-90167-3	R-EVE	0.58	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-252-071522	07/15/2022	320-90167-8	R-PSDA	3.1	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-252-071522	07/15/2022	320-90167-8	Hydrolyzed PSDA	35	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-252-071522	07/15/2022	320-90167-8	R-EVE	1.4	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-071522	07/15/2022	320-90167-1	R-PSDA	2.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-071522	07/15/2022	320-90167-1	Hydrolyzed PSDA	34	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-071522	07/15/2022	320-90167-1	R-EVE	1.2	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-081522	08/15/2022	320-91041-2	Hydrolyzed PSDA	0.021	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081522	08/15/2022	320-91041-1	R-PSDA	2.9	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081522	08/15/2022	320-91041-1	Hydrolyzed PSDA	35	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-081522	08/15/2022	320-91041-1	R-EVE	1.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-282-081522	08/15/2022	320-91041-3	R-PSDA	2.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-282-081522	08/15/2022	320-91041-3	Hydrolyzed PSDA	30	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-282-081522	08/15/2022	320-91041-3	R-EVE	0.95	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-081522	08/15/2022	320-91041-5	Hydrolyzed PSDA	1.1	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-081522	08/15/2022	320-91041-5	R-EVE	0.80	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-081522	08/15/2022	320-91041-7	R-PSDA	0.73	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-081522	08/15/2022	320-91041-7	Hydrolyzed PSDA	1.7	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-081522	08/15/2022	320-91041-7	R-EVE	0.75	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-1	R-PSDA	2.3	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-1	Hydrolyzed PSDA	30	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-1	R-EVE	0.94	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-3	R-PSDA	1.5	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-3	Hydrolyzed PSDA	22	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-RAIN-24-082222	08/22/2022	320-91385-3	R-EVE	0.71	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-082322	08/23/2022	320-91385-5	Hydrolyzed PSDA	0.60	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-RAIN-24-082322	08/23/2022	320-91385-5	R-EVE	0.45	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-082022	08/20/2022	320-91385-7	Hydrolyzed PSDA	1.8	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-RAIN-24-082022	08/20/2022	320-91385-7	R-EVE	0.80	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PMPA	21	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	Hfpo Dimer Acid	18	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFO2HxA	0.047	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFO3OA	0.0028	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PMPA	0.036	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	Hfpo Dimer Acid	0.012	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFMOAA	0.17	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PMPA	0.033	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	Hfpo Dimer Acid	0.018	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PMPA	14	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	Hfpo Dimer Acid	23	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	R-PSDA	2.4	UG/L	PQL		0.071	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	Hydrolyzed PSDA	32	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	R-PSDCA	0.053	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	R-EVE	1.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PEPA	5.5	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PS Acid	3.3	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFO2HxA	41	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFO3OA	14	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFO4DA	8.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFO5DA	4.7	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	PFMOAA	85	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	EVE Acid	0.39	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	Hydro-PS Acid	1.8	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	Hydro-EVE Acid	1.7	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-INFLUENT-336-072922	07/29/2022	320-90626-1	NVHOS, Acid Form	1.4	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFO2HxA	0.040	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFO3OA	0.010	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-072922	07/29/2022	320-90626-2	PFO4DA	0.0070	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFMOAA	0.030	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-071522	07/15/2022	320-90167-6	PFO2HxA	0.0038	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFMOAA	0.15	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PMPA	0.030	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	Hfpo Dimer Acid	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFMOAA	0.028	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFO2HxA	0.018	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-210-071522	07/15/2022	320-90167-4	PFO3OA	0.0022	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-071522	07/15/2022	320-90167-7	PFO2HxA	0.0058	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	Hydrolyzed PSDA	0.19	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PMPA	0.083	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	Hfpo Dimer Acid	0.14	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	R-EVE	0.011	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PEPA	0.035	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PS Acid	0.017	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFO2HxA	0.24	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFO3OA	0.070	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFO4DA	0.040	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFO5DA	0.016	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	PFMOAA	0.30	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	EVE Acid	0.0022	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	Hydro-PS Acid	0.0067	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	Hydro-EVE Acid	0.0077	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-A-EFFLUENT-336-071522	07/15/2022	320-90167-2	NVHOS, Acid Form	0.010	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFO2HxA	0.0097	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	Hfpo Dimer Acid	0.0029	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	Hydro-PS Acid	0.36	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	Hydro-EVE Acid	0.83	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	NVHOS, Acid Form	0.61	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFO2HxA	15	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFO3OA	4.3	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFO4DA	2.1	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFO5DA	0.12	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PFMOAA	32	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	R-EVE	0.48	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PEPA	2.0	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	Hydrolyzed PSDA	0.52	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	PMPA	5.9	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-INFLUENT-336-072922	07/29/2022	320-90626-3	Hfpo Dimer Acid	12	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	Hydro-PS Acid	0.0026	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	Hydro-EVE Acid	0.0074	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	NVHOS, Acid Form	0.0044	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFMOAA	0.59	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	R-EVE	0.0048	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PEPA	0.022	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFO2HxA	0.16	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFO3OA	0.039	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PFO4DA	0.013	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	R-PSDA	0.0050	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	Hydrolyzed PSDA	0.0054	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-EFFLUENT-336-072922	07/29/2022	320-90626-7	PFMOAA	0.33	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	PMPA	0.097	UG/L	PQL		0.010	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-C-EFFLUENT-336-072922	07/29/2022	320-90626-4	Hfpo Dimer Acid	0.13	UG/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	Hydrolyzed PSDA	24	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	R-PSDCA	0.030	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	R-EVE	1.1	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PEPA	8.8	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PS Acid	0.17	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFO2HxA	42	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFO3OA	11	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFO4DA	1.5	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFO5DA	0.11	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	PFMOAA	130	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	EVE Acid	0.022	UG/L	PQL		0.017	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	Hydro-PS Acid	0.62	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	Hydro-EVE Acid	0.95	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-B-INFLUENT-336-072922	07/29/2022	320-90626-8	NVHOS, Acid Form	2.0	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	R-EVE	0.85	UG/L	PQL		0.072	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PEPA	2.6	UG/L	PQL		0.020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	Hydrolyzed PSDA	2.0	UG/L	PQL		0.038	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-EFFLUENT-336-072922	07/29/2022	320-90626-6	PFMOAA	0.069	ug/L	PQL		0.0020	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PMPA	7.4	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	Hfpo Dimer Acid	15	UG/L	PQL		0.081	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	Hydro-PS Acid	0.39	ug/L	PQL		0.0061	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	Hydro-EVE Acid	1.2	UG/L	PQL		0.014	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	NVHOS, Acid Form	0.68	UG/L	PQL		0.015	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFO2HxA	23	ug/L	PQL		0.027	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFO3OA	7.3	ug/L	PQL		0.039	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFO4DA	2.4	ug/L	PQL		0.059	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFO5DA	0.17	ug/L	PQL		0.078	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep
SEEP-D-INFLUENT-330-072922	07/29/2022	320-90626-5	PFMOAA	60	ug/L	PQL		0.080	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep

Site: Fayetteville

Sampling Program: Seep Flow Through Cell Sampling 2022

Validation Options: LABSTATS

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

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SEEP-D-INFLUENT-330-081522	08/15/2022	320-91041-7	PMPA	5.3	UG/L	PQL		0.62	J	Cl. Spec. Table 3 Compound SOP		PFAS_DI_Prep