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Memorandum

Date: **14 June 2021**

Subject: **Response to NCDEQ Comments on Consent Order Paragraph 18 On and Offsite Assessment Report**

Geosyntec Consultants of NC, PC (Geosyntec) has prepared this memorandum to support The Chemours Company FC, LLC (Chemours) in responding to comments submitted to Chemours on December 23, 2020 by the North Carolina Department of Environmental Quality (NCDEQ) regarding the On and Offsite Assessment Report (SA Report; Geosyntec, 2019a) for the Chemours Fayetteville Works site (the Site). NCDEQ comments pertained to the October 31, 2019 submittal of the SA Report and also contained comments regarding the Human Health Screening Level Exposure Assessment (HH-SLEA), which was submitted to NCDEQ on December 31, 2019 as an attachment to the Corrective Action Plan (CAP, Geosyntec, 2019b). The SA report was prepared and submitted pursuant to paragraph 18 of the February 25, 2019 Consent Order (CO) among Chemours, NCDEQ and Cape Fear River Watch (CFRW), and the CAP was prepared and submitted pursuant to paragraph 16 of the CO.

Paragraph 18 of the CO required Chemours to fund a third-party contractor approved by NCDEQ to conduct an SA and submit an SA Report. Chemours proposed Geosyntec to perform this work, and NCDEQ approved the selection.

Within a six month period of the CO being entered by the court, Geosyntec and Parsons of NC (Parsons) conducted approximately 6,000 hours of field work, installed 51 wells, and collected 115 groundwater samples, 360 soil sample increments for 12 composite soil samples, 360 vegetation sample increments for 12 vegetation composite samples, 12 invertebrate composite samples (e.g., crickets, other invertebrates), and 39 discrete soil samples. Geosyntec reported on a total of 3,167 environmental soil, groundwater and surface water samples within the 7-month window required by the CO between February 25 and September 30, 2019. Geosyntec submitted an updated version of the SA report on October 31, 2019. The CAP, which included the HH-SLEA was submitted on December 31, 2019.

Since submittal of the updated SA Report and CAP, several additional investigations and assessment activities have been conducted both on and offsite which have resulted in the following since January 2020:

- Installation of seven (7) additional groundwater monitoring wells.

- Installation of five (5) additional groundwater extraction wells.
- Installation of twenty (20) additional groundwater elevation observation wells.
- Aquifer tests (step drawdown tests and constant rate tests) at five (5) extraction wells.
- Collection of 1,179 additional surface water samples.
- Collection of 419 additional onsite groundwater samples.
- Collection of 21 additional offsite monitoring well groundwater samples.
- Collection of 4,192 additional offsite private well groundwater samples.
- Collection of 27 additional Cape Fear River sediment samples.
- Deployment and analysis of seventeen passive flux meters.

These monitoring programs have been reported to NCDEQ in the CO paragraph 11 quarterly reports, mass loading reports, the Pre-Design Investigation Summary report, Outfall 003 National Pollutant Discharge Elimination System (NPDES) reporting requirements, and Seeps interim remediation systems reports (Geosyntec, 2020a-f, 2021a-d). These and other investigations demonstrate that efforts are ongoing to collect data to characterize PFAS in the environment and design, implement and operate remedial actions. Additionally, some of the data collected in the list above supports fulfilling NCDEQ's SA Report refinement requests.

Geosyntec completed the SA Report with the objective of expeditiously meeting CO paragraph 18 requirements and providing a basis for remedial decisions and plans in the CAP. The SA Report stated, "This…Report and the 25+ assessments it relies upon provide sufficient data to inform an interpretation of the nature and extent of per- and polyfluoroalkyl substances (PFAS) impacts to a level that remedial selection to address groundwater containing PFAS originating from the Site is feasible." Indeed, this was correct. Chemours, NCDEQ, and CFRW all jointly agreed to a "Barrier Wall and Groundwater Extraction System" to "reduce PFAS loading from groundwater flow from under the Facility to the Cape Fear River and Willis Creek" as described in paragraph 3 of the Addendum to Consent Order paragraph 12 (CO Addendum).

The SA Report in conjunction with the HH-SLEA provided an analysis of:

- The source and cause of Table 3+ PFAS in the environment.
- Imminent hazards to public health and safety and any actions which should be taken to mitigate them.
- Receptors (to include as potential receptors drinking water wells and surface waters) and significant exposure pathways.
- The horizontal and vertical extent of soil and groundwater Table 3+ PFAS and the significant factors affecting Table 3+ PFAS transport.

- The geological and hydrogeological setting and features influencing the movement, chemical, and physical character of the Table 3+ PFAS.

Comments from NCDEQ on the SA Report request further refinement of certain aspects of these analyses and specific comments regarding data transfers and groundwater monitoring. The remainder of this memorandum provides: (i) responses to comments from the NCDEQ by including clarification of concepts discussed in the SA Report, (ii) supplemental documentation, (iii) updated analyses where additional data are now available, and (iv) proposed additional Site characterization refinements. For clarity of presentation, responses are provided thematically within the sections below instead of in a response to comments table format. For ease of review, each section begins by noting which NCDEQ comments are addressed within the section. This memorandum is organized into the following sections:

- **Section 1: Fluoroproduct Manufacturing, Releases, and Signatures** – which describes how historical manufacturing activities gave rise to historical releases of PFAS at the Site, then describes the present infrastructure and monitoring activities at the Site to mitigate the potential for additional releases of PFAS, and closes with an updated PFAS signatures analysis.
- **Section 2: Onsite Groundwater Delineation** – which describes the present state of onsite groundwater delineation and proposed refinements.
- **Section 3: Offsite Groundwater Delineation** – which describes the present state of offsite groundwater delineation and a proposed refinement process.
- **Section 4: Onsite and Offsite Soil Delineation** – which describes the present state of onsite and offsite soil delineation and proposed refinements.
- **Section 5: HH-SLEA** – which describes the purpose and findings of the initial HH-SLEA and proposed refinements.
- **Section 6: Groundwater Monitoring** – which describes the present monitoring program and proposed refinements.
- **Section 7: Responses to Other Comments** – which presents responses to other NCDEQ comments.

  Section 8: Summary – which summarizes the content presented in this memorandum.
- **Section 9: References** – which documents materials (documents, journal articles, etc.,) referenced herein.

Supporting figures, tables, and attachments are listed at the end of the memorandum.

1 Fluoroproduct Manufacturing, Releases, and Signatures

This section addresses comments from NCDEQ under the section titled "Source and Cause of PFAS Contamination" on pages 5-6 of the December 23, 2020 letter from NCDEQ and one comment on page 12 of the same letter in the "Miscellaneous Comments" section. This section provides responses to comments regarding PFAS manufacturing activities and infrastructure at the Site, past PFAS releases, and observed PFAS signatures at the Site. NCDEQ comments requested documentation of historic onsite releases, clarification of where PFAS process wastewaters were conveyed onsite, and information regarding air emission data prior to 2017. NCDEQ also requested an update of the PFAS signature analysis to include an expanded data set.

The Site location including the manufacturing areas is shown in Figure 1.1. Site manufacturing activities began in 1971 and manufacturing of fluoroproducts has occurred since 1979. These activities have resulted in past releases of PFAS to the environment. This section outlines:

- Fluoroproduct manufacturing at the Site[1]
- PFAS manufacturing wastewater management
- Permitted and accidental PFAS releases to the environment
- PFAS signatures observed in the environment

1.1 Fluoroproduct Manufacturing

Plastics manufacturing activities were initiated at the Site in 1971 and these business lines are currently owned and operated by site tenant Kuraray America, Inc. (Kuraray). Fluoroproduct manufacturing, which can give rise to PFAS compounds, began in 1979 and operations continue to the present. Over the Site's history, four separate fluoroproduct manufacturing areas have been active as shown in the table below.

Area	Years Operational
Monomers	1979 to Present
IXM	1979 to Present
PPA	2002 to Present
PMDF	2000 to 2009

1. IXM - Ion Exchange Membranes
2. PPA - Polymer Processing Aid
3. PMDF - Polymer Manufacturing and Development Facility

[1] Descriptions and details of PFAS manufacturing activities, infrastructure, and maintenance and inspection activities were provided to Geosyntec by Chemours Fayetteville Works staff.

For purposes of this response, the activities at Monomers and Ion Exchange Membranes (IXM) are often referred to together as one area, Monomers IXM, as they are co-located with each other and share many common utilities and services such as waste management. These areas are depicted on Figure 1.1.

Table 1.1 itemizes the various anticipated Table 3+ PFAS in each area. Definitions, chemical formulas and CASRN for compounds identified in Table 1.1 are provided in Table 1.2. Table 1.3 provides a summary of the years over which each fluoroproduct process was operated and how process wastewater was historically and is currently handled.

Fluoroproduct manufacturing generates aqueous process wastewater. These wastewaters have historically been handled by either sending the wastewater to the facility's Wastewater Treatment Plant (WWTP) or sending wastewater offsite for disposal at permitted facilities. Starting in 2017, Chemours fluoroproduct manufacturing process wastewater has been sent offsite for disposal. The following sub-sections describe first the sending of wastes to the WWTP and then wastes sent offsite.

1.1.1 Facility WWTP Wastewater Management

As reported in the Resource Conservation and Recovery Act (RCRA) Facility Assessment (DuPont, 1996), the facility's WWTP historically operated a lagoon system to manage biosolids generated from the biological activated sludge treatment system. Figure 1.2 depicts the locations of lagoons relative to the WWTP. Prior to fluoroproduct manufacturing in the IXM area, a lagoon (also known as Lagoon C) was used to handle bio-sludge generated at the WWTP from the Butacite® process (this process is now owned and operated by Kuraray). Lagoon C was abandoned in-place in 1979 and covered with clean soil (DuPont, 1999). Lagoons A and B replaced Lagoon C in 1979, following the construction and operation of fluoroproduct manufacturing operations and were used until 1985. The lagoons were dismantled in 1990. During closure, sludge residuals were removed and disposed of at the Sampson County Landfill. Cement kiln dust was used to bind free liquid in the lagoons, and the lagoons were backfilled with soil used to construct them.

Over the Site's operational history, process wastewaters from the PMDF and Monomers IXM Areas were neutralized for pH, when necessary, and directed to the WWTP prior to conveyance to NPDES permitted outfalls at the Cape Fear River. PMDF manufacturing operations and contributions to the WWTP ceased in 2009. Process wastewaters from Monomers IXM were directed to the WWTP until 2017, when piping from this manufacturing area was severed. PFAS concentrations were not actively reduced in discharged WWTP effluent. Based on 2020 and 2021 site investigations, Table 3+ PFAS were present in biosolids of the WWTP (Geosyntec, 2021e).

1.1.2 Offsite Wastewater Management

In 2017, Chemours redirected aqueous process wastewaters from Monomers IXM away from the WWTP and sent this wastewater for offsite disposal at a permitted facility. Chemours severed the

pipe which conveyed wastewater from the Monomers IXM area to the WWTP in November 2017. PPA wastewaters were not historically nor are currently directed to the WWTP. Rather, PPA wastewater has been sent for offsite disposal at a permitted facility since these operations began in 2002.

Currently, fluoroproduct process wastewaters from the facility are sent either directly for offsite disposal at a permitted facility or are first processed by an onsite treatment system with the permeate being reused in the process and the reject water sent for offsite disposal.

1.2 Permitted Air Emissions and Surface Water Discharges, and Accidental Releases

Primary routes by which PFAS have historically entered the environment from site operations include through (1) permitted emissions to air; (2) former permitted discharges of process wastewater to surface water; and (3) accidental fugitive emissions to air and accidental releases of process wastewater to soil.

This section first provides a summary of documentation and communications surrounding air emissions and surface water discharges released by the facility under one or more of the following operational permits:

- Title V air emission permit under the Clean Air Act (current Permit No. 03735T48)
- RCRA Permit for Hazardous Waste Management (current Permit No. NCD047368642-R2-M3)
- NPDES permit (current Permit No. NC0003573)

Figure 1.3 depicts permitted air emission areas (in yellow) and the process wastewater conveyance system with permitted outfalls to the Cape Fear River (in green).

Second, this section provides a summary of documentation and communications associated with accidental releases of PFAS to the environment from fluoroproduct manufacturing operations at the Site.

It is important to note that although permitted air emissions and discharges of process wastewater containing PFAS have occurred from manufacturing operations, these are being abated through the institution of additional air emission controls and through the redirection and offsite disposal of process wastewater. Known historical accidental releases have also been communicated to respective agencies in accordance with permit requirements.

1.2.1 Permitted Air Emissions

Facility operations have resulted in permitted emissions to air from stack and fugitive emission sources. Annually, the facility has reported estimated emissions to air of permitted substances, including PFAS compounds, to NCDEQ under the facility's Title V permit. Perfluorooctanoic acid (PFOA) stack testing was performed in the PPA facility before PFOA production ceased in 2013.

Prior to 2017, PFAS compound emission estimates were primarily based on engineering calculations. Starting in 2018, and then pursuant to CO paragraphs 7 and 8 and the facility's Title V permit, Chemours has been measuring air emissions on a routine basis through stack testing. Results have been reported to the NCDEQ (Weston Solutions, Inc., 2018a through 2018e, 2019a through 2019c, and 2020a; Ramboll 2020a, 2020b, 2021a and 2021b; Alliance Source Testing, 2021; and Test America Laboratories, Inc. 2019).

1.2.2 Permitted Surface Water Discharges

Fluoroproduct process wastewater originating from the Monomers IXM and PMDF areas were historically conveyed through the facility's WWTP and discharged to the Cape Fear River at NPDES permitted outfalls. PMDF process wastewater contributions were terminated with the decommissioning of the PMDF Area in 2009. Monomers IXM contributions were terminated in 2017, after the pipe from this area to the WWTP was severed in November 2017. PPA Area process wastewater has been sent for offsite disposal since startup of this operation in 2002.

1.2.3 Accidental Releases to Soil

Accidental releases that occur as a result of equipment malfunction or process errors are currently and have historically been documented through internal safety communication procedures at the facility and procedures pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. Accidental releases of hazardous substances are (currently and historically) reported following United States Environmental Protection Agency (USEPA) Emergency Planning and Community Right-to-Know Act (EPCRA) Section 304 – Emergency Release Notification Requirements. Accidental releases of hazardous waste are currently and have historically been reported to the NCDEQ under the facility's RCRA permit.

Under CERCLA, PFOA and Table 3+ PFAS are not hazardous substances or hazardous wastes and hence reporting of releases of these specific compounds alone is not required under EPCRA or RCRA. In 2005 DuPont began reporting accidental releases from the PPA Area (which manufactured PFOA from 2002 to 2013) under its RCRA permit pursuant to a 2005 request by NCDEQ (NCDENR, 2005). The facility has been reporting accidental releases of HFPO-DA (a Table 3+ PFAS) to NCDEQ since 2017.

Based on Site records, including EPCRA and RCRA release reports and documentation describing facility upgrades, Table 3+ PFAS would have been present (as a manufacturing byproduct) in some of the known historical releases that occurred to soil in the Monomers IXM Area and the PPA Area . No documented releases are known to have occurred in the PMDF Area (Parsons, 2016). The remainder of this subsection describes the record of releases for known PFAS releases.

Monomers IXM Area Releases

As historically documented in a RCRA Confirmatory Sampling Report (DuPont, 1999), a visible crack was observed along the base of a below ground, concrete sump (i.e., the Common Waste

Sump) located in the Monomers IXM area in 1985. This sump formerly accepted cooling water and steam condensate from the various manufacturing units and process wastewater, some of which contained Table 3+ PFAS. The Common Waste Sump and other portions of the vicinity process sewer system were replaced between 2000 and 2001 as described later in this section. This sump represents a known historical source of Table 3+ PFAS to soil and groundwater.

PPA Area Releases

Notification of accidental air emission (NCDENR, 2006) and stormwater conveyance releases (DuPont, 2011) of APFO in the PPA Area have been made to the NCDEQ Division of Waste Management (DWM).

Terracotta Pipe Releases

The terracotta sewer pipe connecting the Monomers IXM area to the WWTP has been identified as a source of accidental PFAS release to the subsurface based on the results of soil and groundwater investigations performed at the Site (Parsons, 2018).

Documented Releases Since 2017

Since November 2017, accidental releases of HFPO-DA (one of the Table 3+ PFAS) have been reported (Chemours, 2017 and 2018a through 2018d) as requested in communications with the NCDEQ (NCDEQ, 2017).

1.3 Fluoroproduct Manufacturing Infrastructure

As depicted in Figure 1.4, the facility's process sewer system historically consisted of a system of underground sewer pipes, manholes, and sumps that conveyed process wastewater from main plant areas and rainfall accumulations in bermed chemical containment areas and other engineered spill containment structures to the facility's WWTP. Pipes were constructed of vitrified clay (i.e., terracotta) or steel.

Accidental releases of PFAS have historically originated from leaking sumps and sewers in the Monomers IXM Area and the underground terracotta pipe. No documented releases have originated from lack of containment at the PPA Area (which is of more recent construction) or the PMDF Area while in operation (the PMDF Area is now decommissioned).

This section describes Site infrastructure upgrades made to the Monomers IXM Area and the terracotta piping.

1.3.1 Monomers IXM Area Process Sewer System Improvements

A polyliner was installed in the concrete sump (i.e., the Common Waste Sump) located in the Monomers IXM in 1985 following the observation of a crack near the sumps base (DuPont, 1999). In 1998, the Common Waste Sump was replaced by an above ground stainless steel tank (Common

Waste Tank) (DuPont, 1999). In 2000, an additional 11 sumps, eight dikes, and six trenches/drains which were part of the facility's original 1979 process sewer construction in the Monomers IXM Area were modified. Modifications included replacement, removal (after system re-routing), lining or installation of other containment, and/or addition of monitoring devices. Underground piping from sumps and dikes that were no longer in use were capped and/or grouted. In November 2017, the pipe conveying process wastewater from the Monomers IXM Area was severed, thereby eliminating conveyance of these waters to the WWTP.

1.3.2 Terracotta Process Sewer System Improvements

The terracotta pipe formerly conveyed process wastewater from the following manufacturing areas to the WWTP:

- Kuraray SentryGlas®
- Kuraray Lab
- Kuraray Trosifol®
- Power
- Chemours Monomers IXM

The terracotta pipe section connecting Monomers IXM to the WWTP had been identified as a historical source of PFAS from long-term desorption and mobilization of PFAS from sediments conveyed through piping (Geosyntec, 2020c). Monomers IXM Area underground terracotta piping was moved above ground between 2000 and 2001. Since 2017, the facility has performed additional process sewer system modifications in other areas of the facility to fully decommission the run of terracotta piping that connected Monomers IXM to the WWTP. The first phase of terracotta pipe decommissioning was performed in February 2019 (Geosyntec, 2019c). The project was completed in April 2021 and will be summarized in an upcoming progress report pursuant to paragraph 28 of the CO. The updated piping layout is depicted in Figure 1.4.

1.4 PFAS Signatures

The historical emission, discharge or release of Table 3+ PFAS via the different pathways (aerial and process water releases) and at different locations (e.g., common sump, other sumps, stack emissions) have given rise to different proportions of Table 3+ PFAS present in various environmental media. These different proportions can impart empirically distinct PFAS signatures. The remainder of this section describes the results of the updated PFAS signature analysis and the connection to manufacturing chemistry and processes. A more detailed description of the signature analysis is provided in Attachment A.

1.4.1 Updated PFAS Signature Analysis

The PFAS signature analysis presented in the SA Report (Geosyntec, 2019a) has been updated to incorporate more recent data (2020) from samples collected from onsite and offsite groundwater wells, private drinking water wells, and onsite and offsite surface water locations. The overall conclusions of the PFAS signature analysis remains the same as that presented in the SA report. Advanced statistical methods were used to analyze the CO Attachment C PFAS[2] concentration data from approximately 5,000 samples using the following three-step process:

1. Evaluate the relative proportions of CO Attachment C PFAS concentrations in onsite and offsite groundwater and surface water to identify groups of samples that share similar compositions in terms of proportions of CO Attachment C compounds.
2. Validate groups by assessing the magnitude of Total PFAS concentrations (sum of the three indicator compounds HFPO-DA, perfluoro-2-methoxyacetic acid [PFMOAA], and perfluoro-2-methoxypropionic acid [PMPA]) within and between groups.
3. Infer PFAS signatures based on final groups and understanding of Site processes and historical releases.

The results showed samples clustering into four groups, two of which were classified as a Combined Process Water signature, and two of which were classified as an Aerial Deposition signature (Figures 1.5 to 1.10). The following is a description of each signature and the sample grouping within each signature:

- Combined Process Water – characterized by two subgroups of samples with higher PFAS concentrations that were localized to historical release and downgradient areas:
    - Predominantly PFMOAA – for this subgroup of samples, the composition of PFAS concentrations was driven by PFMOAA and had the highest Total PFAS concentrations.
    - Mixture of PFAS – for this subgroup of samples, the composition of PFAS concentrations was a mixture of PFAS, but predominantly HFPO-DA and PMPA, and had lower Total PFAS concentrations than the first subgroup of samples.
- Aerial Deposition – characterized by two subgroups of samples with lower PFAS concentrations and are widely distributed both onsite and offsite. All samples collected from private wells have exhibited an Aerial Deposition signature. Most of these samples have predominantly PMPA.

[2] CO Attachment C PFAS are listed in Table 1.4. Private drinking water wells were analyzed for CO Attachment C PFAS and, therefore, this was the set of Table 3+ PFAS that could be used to evaluate PFAS signatures.

- Predominantly PMPA - for this subgroup of samples, the composition of PFAS concentrations was almost entirely driven by PMPA and had the lowest Total PFAS concentrations across all samples.
- Mixture of PFAS – for this subgroup of samples, the composition of PFAS concentrations was a mixture of PFAS, but PMPA continued to be the largest proportion of Total PFAS. These samples had slightly higher Total PFAS concentrations than the first subgroup of samples.

The onsite signature analysis indicated the presence of both the process water and aerial signatures. The distribution of signatures onsite is described in more detail in the following section. Offsite, all PFAS signatures were aerial. The prominence of PFMOAA in the process water signature and PMPA in the aerial deposition signature result from the different manufacturing operations and the physicochemical properties of each compound. PFMOAA reaches process wastewater, which was historically directed to the common waste sump, while the precursor to PMPA, PMPF[3], is a small, volatile compound that was emitted to air prior to installation of the thermal oxidizer.

2 Onsite Groundwater Delineation

This section addresses comments from NCDEQ under the section titled "Onsite delineation of groundwater contaminant plume(s)" on pages 2-3 of the December 23, 2020 letter from NCDEQ and one comment on page 9 of the same letter. This section provides responses to comments and proposed refinements regarding the extent of Table 3+ PFAS in onsite groundwater. NCDEQ requested further delineation of PFAS in onsite groundwater, via installation of additional onsite monitoring wells, sampling of existing deep onsite wells, and development of isopleth maps. Responses related to offsite groundwater are provided in the following section, Offsite Groundwater Delineation.

Onsite, the three water bearing units in stratigraphic order from shallowest to deepest are the Perched Zone, the Surficial Aquifer, and the Black Creek Aquifer. Below these three units is the Upper Cape Fear Aquifer (UCFA). Table 3+ PFAS are observed in soil and groundwater across the Site as a result of past process water releases and aerial deposition. The process water signature is observed near and downgradient of source areas with generally PFMOAA being the most abundant compound. The aerial deposition signature is characterized by lower overall concentrations with PMPA generally being the most abundant compound. The remainder of this section describes the present status of onsite groundwater delineation by water bearing unit and proposed refinements and other responses to address onsite groundwater delineation comments from NCDEQ.

[3] PMPF is the acid fluoride form of PMPA. PMPF hydrolyzes to PMPA in the presence of water.

2.1 Onsite Groundwater Delineation Status

Groundwater monitoring of onsite wells occurs at least annually, with twenty-two (22) of these monitoring wells sampled quarterly. In 2020, one hundred and twenty-seven (127) onsite monitoring wells were sampled, including 64 wells screened in the Perched Zone, 33 wells screened in the Surficial Aquifer, and 30 wells screened in the Black Creek Aquifer and Floodplain Deposits. Twenty-two (22) onsite monitoring wells distributed to monitor receptors including the Cape Fear River, Willis Creek, Georgia Branch Creek and Old Outfall 002 are sampled quarterly. Figures 2.1 and 2.2 show the annually monitored well network and the quarterly monitored well network, respectively. Figure 2.3 shows the entire onsite well network, including extraction and observation wells. Wells screened in the UCFA are not currently sampled, nor are monitoring wells that are damaged or dry.

The current state of PFAS delineation for each water bearing unit onsite is summarized below, and supporting data is provided in Attachment B, Figures B1 to B12.

- Perched Zone: Delineation of Table 3+ PFAS in the Perched Zone is considered complete. The Perched Zone is a relatively thin, spatially limited layer of groundwater present in silty sands to a depth of about 20 feet below ground surface (ft bgs). Table 3+ PFAS are ubiquitous throughout the perched zone due to infiltration of both aerially deposited PFAS and process water PFAS. The process water signature is found throughout the perched zone which exists primarily underneath the manufacturing areas where historically PFAS were released (Figure 1.7). A few aerial deposition signature locations are present in the Perched Zone where river water is used and has infiltrated (e.g., near sedimentation ponds, near water treatment, and near where DuPont non-contact cooling water infiltrates). Upstream river samples, including intake water, has an aerial PFAS signature originating from offsite aerial deposition.
- Surficial Aquifer: Delineation of Table 3+ PFAS in the Surficial Aquifer onsite is considered complete. The Surficial Aquifer is an unconfined silty sand aquifer overlying the Black Creek Confining Unit, and groundwater in the Surficial Aquifer generally discharges to the Seeps. Table 3+ PFAS are ubiquitous throughout the Surficial Aquifer onsite including aerially deposited PFAS and process water PFAS downgradient of the identified source areas. The extent of process water in the Surficial Aquifer is defined (Figure 1.8). The process water PFAS signature groundwater is underneath the active manufacturing facility and extends to Willis Creek to the North and towards the Old Outfall to the south and the Cape Fear River to the East.
- Black Creek Aquifer: PFAS impacts to the Black Creek Aquifer are delineated upgradient of known process water source areas, with no Table 3+ PFAS detected above the associated reporting limits in upgradient wells PW-12 and PIW-16D in recent sampling events (Figure B12 in Attachment B). The process water PFAS signature in the Black Creek Aquifer is

mostly delineated (Figure 1.9). PFAS process water signature groundwater in the Black Creek Aquifer extends north to Willis Creek at the property boundary and extends south beyond PW-11 and Old Outfall 002. Geosyntec is proposing to further characterize the Black Creek Aquifer onsite south of the Old Outfall and north towards Willis Creek as described below.

- Upper Cape Fear Aquifer (UCFA): Table 3+ PFAS in the UCFA requires more investigation. Initial sampling in 2018 of the two historically installed UCFA wells for Table 3+ PFAS ranged from non-detect at the associated reporting limits to 3,300 nanograms per liter (ng/L). These wells were installed in 1969-70 to evaluate water resources for the Site and their present integrity is unknown. This detection may originate from a preferential flow pathway along the annulus of the well. Other onsite wells screened in the UCFA have not been sampled for Table 3+ PFAS. Geosyntec is proposing additional investigation activities for the UCFA onsite as described below.

2.2 Proposed Onsite Groundwater Delineation Refinements

NCDEQ requested additional data collection to support onsite groundwater delineation, including installation and sampling of additional wells south/southwest of PW-11 and Old Outfall 002 to assess the horizontal extent of Table 3+ PFAS in the Black Creek Aquifer and identification and sampling of existing wells screened in the UCFA to assess the vertical extent of Table 3+ PFAS. Further, NCDEQ requested delineation of Table 3+ PFAS in groundwater to the practical quantitation limit of 10 ng/L per compound. While groundwater in the perched zone and surficial aquifers is delineated, additional data collection will aid in the characterization of Table 3+ PFAS in the Black Creek Aquifer and UCFA. Geosyntec proposes preparing workplans to submit to NCDEQ for the following scopes of work:

- Installation of additional monitoring wells in the Black Creek Aquifer. Screened intervals will target the Black Creek Aquifer, and wells will be installed, developed, and sampled for Table 3+ PFAS. Groundwater samples will be collected to evaluate the horizontal extent of the process water signature for onsite groundwater in the Black Creek Aquifer:
    - Three additional monitoring wells will be installed to refine the southern/southwestern extent of process water impacts onsite between Old Outfall 002 and the southern property boundary.
    - Two additional monitoring wells will be installed in the northern portion of the Site to refine the extent of the process water signature between the facility and Willis Creek.
- Refining the delineation of the UCFA onsite utilizing the identified 17 wells screened in the UCFA (Table 2.1 and Figure 2.3). The workplan will describe the planned well evaluation activities (e.g., integrity of the well) and subsequent potential well

repair/abandonment and then development and sampling activities. UCFA wells that are developed and sampled will be monitored annually following initial sample collection.

2.3 Responses to Other NCDEQ Onsite Groundwater Delineation Comments

This sub-section provides responses to other NCDEQ comments related to onsite groundwater.

2.3.1 Isopleths

NCDEQ requested the development of isopleth maps for each Table 3+ compound in each water bearing unit. Concentration isopleths can sometimes support evaluation of the origin and distribution of Table 3+ PFAS in groundwater. Unknown or variable release history can contribute to convoluted or inaccurate isopleths. For onsite groundwater, PFAS in groundwater is best understood using the groundwater PFAS signature maps (Figures 1.5 to 1.10). The maps indicate the delineation between the elevated PFAS concentrations of the process water signature compared to lower PFAS concentrations of the aerial deposition signature. These maps also indicate where the total Table 3+ concentrations were non-detect.

The groundwater PFAS signature maps provide greater insight into the origin and distribution of Table 3+ PFAS than traditional single-compound isopleths. First, the maps group and divide the many PFAS compounds by a common linkage: process water versus aerial deposition, allowing for simpler data presentation and interpretation. Second, this mapping of PFAS signature types allows for the identification of groundwater signature zones rather than identification of areas of equal concentration. There have been multiple PFAS process water release areas at the Site in the past and, as such, the concentration distribution of PFAS concentrations is not smooth and cannot be meaningfully represented in an isopleth map. For NCDEQ's reference, Figures B1 through B12 in Attachment B show the magnitudes of observed concentrations for HFPO-DA, PFMOAA, PMPA, and total Table 3+ PFAS for each water bearing unit currently monitored on site.

2.3.2 Rapid Sampling

NCDEQ also requested the use of that rapid sampling techniques to identify areas of highest Table 3+ PFAS concentration. Geosyntec and Parsons will continue to use appropriate technologies to achieve site characterization and remediation goals and will describe these technologies in workplans submitted to NCDEQ.

3 Offsite Groundwater Delineation

This section addresses comments from NCDEQ under the section titled "Offsite delineation of groundwater contaminant plume(s)" on pages 3-4 of the December 23, 2020 letter from NCDEQ and one comment on page 6 and two comments on page 9 of the same letter. This section provides responses to offsite groundwater delineation comments. NCDEQ requested further delineation of PFAS in offsite groundwater, via installation of additional offsite monitoring wells and development of isopleth maps.

Table 3+ PFAS were historically emitted from the facility to the atmosphere, transported by wind and then aerially deposited. These Table 3+ PFAS have since infiltrated into offsite groundwater. This section first describes the present offsite groundwater delineation status and proposes an offsite groundwater characterization process if that process is necessary based on the ongoing delineation, and then closes with responses to other offsite groundwater delineation comments from NCDEQ.

3.1 Offsite Groundwater Delineation Status

In 2019, Geosyntec and Parsons installed twenty (20) offsite monitoring wells in Bladen, Cumberland, and Robeson counties. The wells were screened in the Surficial and Black Creek Aquifers and are sampled and reported annually (Geosyntec, 2021f). In addition to these monitoring wells, pursuant to Consent Order paragraph 21, Geosyntec is delineating offsite groundwater impacts at private wells (i.e., receptor wells). When the SA Report was submitted in 2019, Chemours contractors had sampled 1,194 privately owned wells. As of December 31, 2020, the number of privately owned wells sampled had expanded to 5,386, significantly increasing the delineation program. Figure 3.1 shows the Total CO Attachment C PFAS concentrations in the offsite monitoring wells and in the private wells.[4]

The private well delineation program shows offsite groundwater concentrations decreasing radially away from the Site in all directions. The highest concentrations observed in private wells are adjacent to the Site with elevated concentrations extending furthest away from the Site towards the northeast, consistent with prevailing winds and aerial deposition patterns. The Table 3+ PFAS concentrations along any given radial path originating from the Site exhibit a range of steadily decreasing concentrations. The range of concentrations is likely a result of private wells screened at different depths and local heterogeneities.

In the offsite monitoring wells, higher concentrations are observed in wells screened in the Surficial Aquifer compared to those screened in the Black Creek Aquifer. All the offsite Black Creek Aquifer monitoring wells were non-detect for Total CO Attachment C PFAS in samples collected in 2020 with the exception of Bladen-1D, the closest offsite Black Creek Aquifer well to the site. The offsite monitoring wells show CO Attachment C PFAS concentrations within the range of nearby private wells (Figure 3.2). But, for each pair of offsite monitoring wells, the nearby private well data set includes at least one if not more private wells with higher CO Attachment C PFAS concentrations than the offsite monitoring wells. This suggests that private well data are an appropriate line of evidence for offsite delineation.

3.2 Proposed Offsite Groundwater Delineation Refinement Process

NCDEQ requested additional offsite delineation of the horizontal and vertical extent of Table 3+ PFAS and the use of existing private well delineation data to focus future delineation. Geosyntec

[4] Total CO Attachment C PFAS are listed in Table 1.4.

proposes the following process for advancing and completing the offsite groundwater delineation program:

- Continue with and complete the offsite private well delineation program pursuant to Consent Order paragraph 21. This comprehensive program is analyzing thousands of offsite wells to delineate to 10 ng/L of individual CO Attachment C PFAS in all directions from the Site;
- Augment the private well program concentration and location data with well depth data. As of May 2021, Geosyntec and Parsons have identified upwards of 100 well records available with local counties. Geosyntec and Parsons are working with NCDEQ and these counties to obtain more accurate well records to enhance the vertical (i.e., depth) delineation of PFAS offsite;
- Augment the private well program data with samples collected from North Carolina Department of Water Resources (NCDWR) wells in Bladen, Robeson and Cumberland counties surrounding the Site. North Carolina Department of Water Resources (NCDWR) records indicate that there are 18 NCDWR wells in Bladen, Cumberland, and Robeson counties, ranging in depth from 240 to 670 ft bgs. These wells are listed in Table 3.1 and shown in Figure 3.3. Geosyntec proposes seeking access to these public wells to refine the vertical delineation of the offsite data set; and
- Evaluate the delineation of offsite groundwater after completing items 1 through 3 above to identify and recommend which elements of the completed offsite delineation would most benefit from targeted confirmation through the installation of additional off-site monitoring wells.

3.3 Responses to Other NCDEQ Offsite Groundwater Delineation Comments

This sub-section provides responses to other NCDEQ comments related to offsite groundwater.

3.3.1 Cape Fear River East Bank PFAS Signature

NCDEQ requested an investigation into the potential for PFAS in the Black Creek Aquifer to migrate beneath the Cape Fear River to the east side of the Cape Fear River. Table 3+ PFAS will be present on the east side of the Cape Fear River from aerial deposition, but it is unlikely process water from onsite has migrated under the Cape Fear River. Based on available information, the Cape Fear River is a regional discharge boundary for the Black Creek Aquifer. Publicly available North Carolina LiDAR data show land surface on each side of the Cape Fear River sloping towards the river, indicating groundwater flow is likely to be directed towards the river.

Geosyntec proposes submitting to NCDEQ a workplan describing a scope of work to install two to three wells east of the Cape Fear River directly across from the site to assess both groundwater elevations and Table 3+ PFAS. Groundwater elevations will be used to evaluate groundwater flow. A Table 3+ PFAS signature evaluation will be used to determine whether an aerial or process water

signature is observed. If three years of successive monitoring indicate that there is no transport of process water under the Cape Fear River, then the wells will be abandoned.

3.3.2 Isopleths

NCDEQ requested the development of isopleths for offsite groundwater. Isopleths can be beneficial to understand the nature and distribution of PFAS. For offsite groundwater, Figure 1.5 shows the offsite groundwater PFAS signature distribution, grouping the PFAS compounds by a common linkage (process water or aerial deposition). Offsite groundwater has an aerial deposition signature consistent with the conceptual site model for the Site. Figure 3.1 presents the distribution of CO Attachment C PFAS, all originating from the same aerial deposition process. Figure 3.1 plots the results in concentration groups (e.g., 10 – 100 ng/L, 100 - 1,000 ng/L, etc.,). These concentration groupings are visible on the map showing the spatial extents of the different concentration groupings. These figures are more effective to evaluate distribution of Table 3+ PFAS offsite than traditional single compound isopleth maps. The size of the offsite area, the current lack of screen depth information for private wells, and the natural degree of heterogeneity hinder accurately identifying areas of equal concentrations.

As described in the prior sub-section, Geosyntec will be augmenting the depth data set in the private well data set. Geosyntec proposes as part of the offsite delineation completion process described above to also update the signature and PFAS concentration distribution maps to include depth data.

3.3.3 Public and Community Wells

NCDEQ asked how many of the 75 identified public/community wells were sampled in the SA, and requested that samples be collected from those that have not yet been sampled. Geosyntec has cross referenced the 75 public/community wells and determined that 24 have been sampled as part of the private well sampling program to date, 8 of which were sampled before October 2019. The sampled wells are identified in Table 3.2 along with the sampling dates for each well. These data have been provided to NCDEQ as part of the offsite private well sampling program. As part of the private well program Geosyntec and Parsons are contacting residents and well owners to obtain permission to access and sample remaining wells.

4 Onsite and Offsite Soil Delineation

This section addresses comments from NCDEQ under the sections titled “Onsite delineation of soil contamination” and “Offsite delineation of soil contamination” on pages 4-5 of the December 23, 2020 letter from NCDEQ, and three comments on page 10 and one comment on page 12 of the same letter. This section provides responses to comments and further discussion on delineation of Table 3+ PFAS in onsite and offsite soil. NCDEQ requested the collection and analysis of additional onsite and offsite soil samples for both Table 3+ PFAS in soil and in leachate. NCDEQ

also requested soil Table 3+ PFAS depth profiles and improved method detection limits for the Table 3+ PFAS soil analytical method.

In response to NCDEQ comments, this section first describes the present status of onsite soil delineation, then proposes delineation refinements, then responds to offsite soil delineation comments, and then closes with a response to soil quantitation limit improvement requests.

4.1 Onsite Soil Delineation Status

Ninety-four (94) surface soil samples and 35 subsurface soil samples have been collected at the Site. In addition, 51 surface soil leachate samples and 6 subsurface soil leachate samples have been collected at the Site. Many of these samples were collected and analyzed before the Table 3 or the Table 3+ method for soil or groundwater was developed, therefore onsite soil and soil leachate samples were either analyzed for HFPO-DA only, Table 3, or Table 3+,[5] as shown in the table below, depending on the analytical methodology available at the time:

Analytes	Soil Samples	Leachate Samples
HFPO-DA Only	89	57
Table 3 PFAS	18	0
Table 3+ PFAS	22	0

PFAS concentrations for onsite soil and soil leachate samples are provided in Attachment C, Tables C1 and C2, respectively. HFPO-DA concentrations in surface and subsurface soil and in surface and subsurface soil leachate samples are provided in Figures 4.1 to 4.4; HFPO-DA is plotted as the majority of past samples were only analyzed for HFPO-DA. Soil leachate samples were prepared following the synthetic precipitation leaching procedure (SPLP) method on soil samples prior to analysis. Soil concentration data are reported on a dry weight basis.

4.1.1 Surface Soils

In onsite surface soil and soil leachate samples (≤ 2 ft bgs), PFAS are found primarily in the historical release areas, with the highest concentrations observed in samples in Monomers IXM area. The highest concentration samples shown in Figures 4.1 and 4.3 were collected within three to four months of the October 2017 Vinyl Ethers South scrubber upset event. The highest surface soil concentration value for HFPO-DA was 32,000,000 ng/kg (J-qualified) at SOIL-VES-33, collected in February 2018.

[5] The analytes comprising Table 3 and Table 3+, along with those comprising CO Attachment C and Method 537 Mod, are shown in Table 1.4.

Between the manufacturing facilities and the Cape Fear River, surface soil HFPO-DA concentrations ranged from 1,300 to 20,000 ng/kg and are likely a result of infiltrating rainwater mobilizing PFAS from historical air emissions and PFAS present in infiltrating stormwater. West of the site manufacturing facilities, surface soils and leachate exhibit low to non-detect Table 3+ PFAS concentrations. Based on the spatial distribution of the aerial deposition signature in groundwater, PFAS observed in subsurface soils upgradient (i.e. west) of the site manufacturing areas are interpreted to originate from aerial deposition.

4.1.2 Subsurface Soils

Subsurface soil samples (>2 ft bgs) were collected from the perched zone and the surficial aquifer (Figure 4.2). These samples were collected primarily in the Monomers IXM historical release area and in the areas directly north and east of the Monomers IXM area. HFPO-DA concentrations in Monomers IXM subsurface soils ranged between 310 and 5,000 ng/kg, and HFPO-DA concentrations to the north and east of Monomers IXM ranged from non-detect to 28,000 ng/kg. Several subsurface soil samples were likely collected below the water table, based on water levels in the shallowest water bearing units where the soil samples were collected (Table 4.1). Samples likely collected below the water table include locations in Monomers IXM (PZ-01 to PZ-07) and locations north and east of Monomers IXM (PW-02, PW-15, and the deepest sample from SSASI-SB-09). At these locations, the source of the observed PFAS may be groundwater. The subsurface soil sample collected at PW-10, east of Monomers IXM near Seep A, was likely collected above the water table. Subsurface soils collected to the west and south of manufacturing areas (PW-06 and PW-07) returned non-detect results for both HFPO-DA and Total Table 3+.

4.1.3 Soil and Soil Leachate Depth Profiles

Comparing the map of surface soil to sub-surface soil, higher HFPO-DA concentrations are observed in surface soils. However, many of these are unpaired samples (i.e., locations where only one depth was sampled), and the surface soils were collected soon after the Vinyl Ethers South 2017 scrubber upset event.

Comparing HFPO-DA depth profiles for locations where soil and leachate samples were collected at multiple depths in Figures 4.5 and 4.6, the profiles show a less distinct trend with depth. In these figures, the approximate water level in the shallowest water bearing unit is also shown. In the soil and leachate samples, HFPO-DA concentrations remain fairly constant with depth at most locations. The lack of variation in concentrations observed with soil depth is likely indicative of HFPO-DA being mobile in the subsurface. At SSASI-SB-09 and PW-10, soil HFPO-DA concentrations increase with depth. At SSASI-SB-09, the deeper sample was likely collected below the water table, suggesting that groundwater may be the cause of the detection and that the detected HFPO-DA potentially originates from migration of historical process water releases upstream.

4.2 Proposed Onsite Soil Delineation Refinements

NCDEQ requested additional soil sampling to further characterize total and leachable Table 3+ PFAS in onsite soils, including an expanded sampling area and vertical delineation. Geosyntec agrees that additional onsite soil sampling can be conducted to refine the understanding of PFAS distribution in soils surrounding the manufacturing facilities, particularly vertical delineation; the horizontal distribution of PFAS in soil is defined and will be further refined under sampling proposed in the following section for assessing onsite receptor exposures. Horizontally, the highest soil PFAS concentrations are in the manufacturing areas while Table 3+ PFAS are present across the remainder of the Site from aerial deposition as shown by sitewide leachate results. Conversely, the vertical soil profiles of HFPO-DA show less consistent trends. Consequently, Geosyntec will submit a workplan to NCDEQ describing the proposed vertical soil investigation program. These proposed refinements are grouped into four categories:

i. Identification of most sensitive soil-water leachate ratios. The soil delineation refinement will begin by evaluating four different soil to water leachate ratios (1:1, 1:5, 1:10 and 1:20) to determine if lower water ratios will result in more sensitive detections of Table 3+ PFAS (the standard SPLP ratio is 1 part soil to 20 parts water).

ii. Vertical Soil PFAS Investigations. At representative locations, soil borings will be performed with soil samples collected at increasing depths to be analyzed for Table 3+ PFAS. The method to calculate equivalent groundwater concentrations for observed soil concentrations provided in the USEPA 2002 Soil Screening Guidance will be employed to compare soil results to observed groundwater concentrations. Borings will be performed at the following location categories:

    a. Aerial deposition only
    b. Historical Releases in the Monomers IXM Manufacturing Area
    c. Downgradient of Historical Releases including the area near PW-10

iii. Laboratory Assessment of Table 3+ Affinity for Soil versus Water. Laboratory tests will be proposed using soils collected from the borings described above. The tests will mix site soils with a selected ratio of water. The soils and water will then be sampled and analyzed, and the fraction of organic carbon (f_{oc}) content of the soil will also be analyzed.

iv. Additional soil sampling to support onsite human health SLEA. As described in the following section, additional onsite soil sampling will be proposed to support an assessment of onsite exposures.

4.3 Response to Offsite Soil Delineation Comments

NCDEQ requested additional sampling for offsite soil and leachate. As described in the following section, additional offsite soil sampling will be proposed to support refining the assessment of

offsite human receptor exposures. Additionally, soil and leachate sample collection will be proposed during installation of offsite wells discussed in the previous section.

4.4 Soil Quantitation Limit Improvement Request

NCDEQ requested that the Table 3+ soil analytical method be improved to achieve quantitation limits of 25 ng/kg for each Table 3+ PFAS. At present, improved soil quantitation limits are not being pursued. Current quantitation limits are lower than many common contaminants, and significant reductions in soil quantitation limits are currently not feasible:

- The presently available soil quantitation limits are equal to or better than quantitation limits available for many contaminants. Chemours' external commercial laboratory partners are able to provide quantitation limits of 250 ng/kg for HFPO-DA and 1,000 ng/kg for other Table 3+ PFAS which is lower than soil quantitation limits for several common contaminants as shown in Figure 4.7.
- Attaining a 25 ng/kg quantitation limit is practically infeasible at this time. The reduction of quantitation limits from 1,000 ng/kg to 25 ng/kg is a 40-fold reduction, which is a significant reduction of quantitation limits for analyses that are already in the parts per trillion range. This increase in sensitivity could likely only be achieved by a tremendous increase in the mass of soil extracted to the volume of the extracting liquid, and this is not feasible. If the mass of soil is increased, then the volume of the extracting liquid also needs to be increased to maintain extraction efficiencies. Therefore, achieving a 40-fold increase in quantitation limit sensitivity is not feasible or expected to be feasible using commercial scale production laboratory methods.

5 HH-SLEA

This section addresses comments from NCDEQ under the section titled "Receptors and Significant Exposure Pathways" on pages 6-7 of the December 23, 2020 letter from NCDEQ along with certain comments presented in the "Onsite delineation of Soil Contamination" and "Offsite delineation of soil contamination" on pages 4-5, and three comments on page 11 of the same letter. NCDEQ requested an updated HH-SLEA, including an assessment of onsite exposures, and use of maximum potential exposure concentrations instead of regional estimated concentrations. This section provides an overview of the 2019 Offsite HH-SLEA of Table 3+ PFAS and then concludes by describing proposed refinements to the SLEA and the sequence for further assessment of potential hazards from Table 3+ compounds.

5.1 SLEA Overview

In 2019 Geosyntec prepared the SLEA to support development of the CAP and in response to Consent Order requirements. The goal of the SLEA was to refine the understanding of the human health exposures to Table 3+ PFAS through pathway assessment and quantification of exposure (intake) and assess, by extension, potential noncarcinogenic human health hazards where Federal-

or State-promulgated or defensible toxicity criteria were available. Appropriate toxicity data underpinning this effort were available only for HFPO-DA. Toxicity data are being developed for five other Table 3+ PFAS pursuant to Consent Order paragraph 14 and will be used to refine the understanding of projected hazard and facilitate risk assessment and risk management in the future.

The SLEA was performed in a manner consistent with both NCDEQ and USEPA guidance. NCDEQ's *Technical Guidance for Risk-Based Environmental Remediation of Sites* (NCDEQ, 2020) outlines a risk assessment process whereby simple sites and contaminants are first screened using the NCDEQ risk calculator. The guidance then states that larger, more complex sites may benefit from more detailed risk assessment conducted by a professional risk assessor or toxicologist; this NCDEQ guidance is generally consistent with the USEPA's Risk Assessment Guidance for Superfund series (USEPA, 1989).

The SLEA, while containing the word "Screening Level" in the title, represents a site-specific, detailed assessment as necessitated by the circumstances of the Site as a large and complex facility with unique contaminants and multiple release and fate and transport mechanisms. The incorporation of the "screening level" terminology is in response to the understanding that comprehensive hazard assessment could not be advanced based on the limited availability of toxicological data. Instead, the SLEA represents an expanded exposure assessment basis to help site managers, NCDEQ, and the local community understand which constituent and complete exposure pathway combinations contribute to predominant exposures. SLEA conclusions help focus remedial investigations and efforts on the likely drivers of associated human health hazards.

The results of the SLEA were used in the CAP to determine whether additional offsite remedial actions might be needed to complement the comprehensive replacement drinking water program Chemours is implementing, pursuant to Consent Order paragraphs 19 to 25. A need for remedial action may be indicated if human receptors are exposed to contaminants at levels which present a projected hazard index value greater than 1, pending uncertainty assessment, degree of excess conservatism, and/or need for additional data collection. Although predicated on limited toxicity criteria, SLEA-projected cumulative hazard indices were below NCDEQ- and USEPA-defined thresholds for all receptor populations (considering replacement drinking water provisions), and consequently no additional offsite remedial actions were identified as needed.

The remainder of this subsection describes receptors and media evaluated, characterization methodologies, and SLEA results.

5.1.1 Receptors, Pathways and Methods

The SLEA was focused on offsite potential impact under residential and recreational land uses; onsite commercial industrial exposures were not assessed. Offsite exposures originate from Table 3+ constituents historically emitted to air and then aerially deposited on the surrounding land surface over large areas as well as groundwater-to-surface water interface releases to the Cape Fear

River. The receptors and exposure pathways evaluated are shown in the table below. Both child and adult receptors for each receptor category were evaluated.

Offsite Exposure Pathways and Receptors

		Offsite Receptors				
		Resident	**Farmer**	**Gardener**	**Offsite Worker**	**Recreation-alist**
Exposure Pathways	**Surface Soil**	●	●	●	●	
	Sub-surface Soil	●	●	●		
	Produce		●	●		
	Well Water	●	●	●		
	Fish Tissue Fillets					●
	River Water					●

The exposures attributable to resident, farmer, gardener and offsite worker receptors were evaluated within a 10-kilometer radius of the Facility by subdividing the offsite area into 12 exposure units. The exposure units encompass an area of approximately 300 square kilometers, or 115 square miles. Exposures to recreationalists (including recreational anglers) were evaluated by quantifying aggregated complete exposure pathways in the Cape Fear River (direct contact with surface water and fish tissue ingestion) subdivided into 5 exposure units and additional data describing conditions in two ponds within the depositional area where access was granted. Data sets to underpin quantitative point estimates of intake are described below:

- Surface soil: Incremental sampling methodology (ISM)-based characterization, including 30 increments per each exposure unit, over 12 exposure units.
- Sub-surface soil: Discrete soil sample-based assessment, including one sample per exposure unit, over 12 exposure units. However, subsurface soil data are considered qualitatively in the SLEA.
- Produce: Bio-uptake and deposition modeling.
- Well water: Private well data organized within 12 exposure units (for a total of 1,509 samples).
- Fish tissue fillets: Fish fillets samples from five sampling points within the Cape Fear River and one onsite pond (for a total of 27 samples).

- River water: Surface water samples from five locations in the Cape Fear River, one onsite pond, and one offsite pond, characterizing upstream, adjacent to, and downstream of the Facility; and surface water collected from public supply intakes at Bladen Bluffs and Kings Bluffs (for a total of 162 samples).

Given the facility air emissions-based release mechanism and the associated dispersive fate and transport, the soil investigation area was expanded to incorporate a large area, defined by a 10-km radius from the facility. To support characterization of Table 3+ constituents within this area, Geosyntec implemented an ISM-based soil characterization approach. The ISM approach was developed by the Interstate Technology and Regulatory Council (ITRC, 2012 and 2020) which describes the approach as, "reduc[ing] data variability and provid[ing] a reasonably unbiased estimate of mean contaminant concentrations." The beneficial ISM data characteristics result in "[more] reliable and reproducible sampling results and leads to less uncertainty better and more defensible decisions than have typically been achieved with many traditional sampling approaches." Indeed, USEPA supports using ISM based soil characterization approaches in its *Strategic Sampling Approaches Technical Guide* (USEPA, 2018), noting ISM is best suited for sites such as:

- Contaminated shallow soil over a large area
- Release mechanisms with lower spatial correlation (aerial deposition)

Both of these conditions above are applicable to the offsite areas surrounding the Fayetteville Works site, particularly since aerial deposition does not lend itself to hotspot generation in surface soil (limited to no acute exposure concern conditions, and limited variability within defined exposure units).

5.1.2 SLEA Results

The SLEA results, summarized in Tables 5.1 to 5.5, indicate receptors are not exposed to a potentially unacceptable hazard with respect to HFPO-DA. The findings of the SLEA are as follows:

- The exposure pathway with the greatest associated Table 3+ PFAS exposure and HFPO-DA potential hazards was untreated private well drinking water in the vicinity of the facility. Untreated water represents 92% or more of the exposure for offsite residents, gardeners or farmers (worker exposure, demonstrably lower than these populations and an unlikely basis for risk management decision-making, was limited to qualitative assessment).
- Replacement drinking water dramatically reduced total exposures, with revised hazard quotients for HFPO-DA estimated to be between 0.003 to 0.07, values much less than the

NCDEQ- and USEPA-supported target hazard quotient of 1, indicating no excess or unacceptable hazard by greater than an order of magnitude.[6]

- The highest hazard quotients for HFPO-DA are associated with fish consumption at values of 0.1 and 0.2 calculated using the North Carolina Department of Health and Human Services (NC DHHS) and USEPA non-cancer oral reference dose (RfDo) values, respectively, where the hazard quotients are still an order of magnitude lower than the threshold of one.
- Produce ingestion exposures represent the second highest contributing pathway, although these results are highly uncertain and need to be viewed with a healthy degree of skepticism. With no empirical data available, derivation of projected aboveground leafy, fruit, and belowground tuber concentrations are predicated on a very conservative set of predictive conditions. In any case, the highest projected hazard (child gardener) is represented by values of 0.06 and 0.08 calculated using the NC DHHS and USEPA RfDo values, respectively, an estimate greater than an order of magnitude below a level of concern.
- Soil exposures and hazard quotients were much smaller than other pathways and do not present unacceptable hazards. Intake from soils for Table 3+ PFAS was 7,500 times less than for untreated well water. Further, the hazard quotient for HFPO-DA in soil is 0.0003 and 0.0004 calculated using the NC DHHS and USEPA RfDo values, respectively, – over 3,000 times lower than the threshold value of one.

5.2 Proposed Refinements

Based on NCDEQ comments and Geosyntec's assessment of the results of the SLEA, Geosyntec agrees that expansion and additional refinement of the SLEA are appropriate. Geosyntec proposes preparing workplan(s) to submit to NCDEQ describing the following scopes of work, each described in more detail in the follow sub-sections:

- Refinement of Offsite Exposures
- Assessment of Onsite Exposures
- Application of Future Toxicological Information to SLEA Results

The following subsections summarize the planned scopes of work.

[6] Hazards from replacement drinking water were estimated by conservatively assuming a 10 ng/L exposure to HFPO-DA in drinking water. This is conservative since reverse osmosis (RO) and granular activated carbon (GAC) systems effectively remove HFPO-DA consistently to lower concentrations. Further, these concentrations should be constant over time and not fluctuating as Chemours routinely performs maintenance on the systems.

5.2.1 Refinement of Offsite SLEA Exposures

Geosyntec proposes refining the offsite SLEA exposures for the media listed below. In each case, Geosyntec may request assistance from NCDEQ in accessing sample locations to facilitate this evaluation.

- Surface soil
- Fish
- Produce
- Ambient air
- Livestock products
- Game species
- Crops

The surface soil data set collected for the 2019 SLEA was appropriate for the intended purposes of the SLEA – the data set indicates that direct and indirect contact with soil are not pathways which dominate human exposures and, for HFPO-DA, predicted hazard is over 3,000 times lower than a level of concern. However, to confirm these initial findings, Geosyntec will identify the offsite location associated with the "MEI – maximally exposed individual" using facility-specific dispersion and deposition modeling. At this location (grid node), Geosyntec will collect a statistically-viable discrete surface soil-based data set, to corroborate the ISM characterization of reasonable maximum exposure.

The highest HFPO-DA intake related to a single pathway (assuming replacement drinking water provisions) is associated with fish ingestion. Geosyntec proposes refining the existing assessment to evaluate exposure to fish. This assessment will include additional fish tissue samples from the Cape Fear River and ponds in the vicinity of the Site and correlate species-specific and angler bag fish tissue data with surface water and sediment data to form a multi-line of evidence set of decision-criteria to support effective risk management decision-making.

The SLEA evaluated consumption of homegrown produce using modeled concentrations consistent with USEPA's *Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities* (HHRAP, 2005). While these estimated concentrations do not represent an unacceptable hazard for even sensitive subpopulations and these modeled concentrations most likely represent a conservative assessment, Geosyntec agrees that homegrown produce exposures can be more accurately assessed with empirically collected data. In a future workplan, Geosyntec will propose a strategy that incorporates data from recent uptake studies and/or potentially collects homegrown fruit and vegetables, likely including a mix of tubers (e.g., carrots), fruits (e.g., tomatoes) and leafy greens (e.g., lettuce).

Geosyntec proposes refining the offsite SLEA to include exposures related to inhalation of ambient air. These exposures will be estimated utilizing stack test emissions measurements from the facility, facility emissions reporting, air modeling efforts and may be supplemented by available air and/or deposition monitoring samples.

Chemours proposes refining the offsite SLEA to include exposures related to ingestion of farm-raised livestock. These exposures will be estimates based on soil, water and feed concentrations, utilizing recent biouptake studies and constituent-specific PFAS-transfer efficiencies. Potential livestock data lines include beef, milk, chicken eggs and pork.

Finally, Chemours proposes refining the offsite SLEA by evaluating community-level exposures related to hunting, including ingestion of game species (e.g. duck, deer) and sampling of a regional, widely distributed crop (e.g. soybeans, corn) to assess human, game species and livestock biouptake.

5.3 Onsite Exposure Assessment

To further refine the understanding of environmental complete exposure pathways related to the Site, Geosyntec proposes conducting a screening level exposure assessment to address onsite indoor and outdoor worker populations. This exposure assessment will divide the onsite areas into separate exposure units and will include consideration of other non-PFAS constituents of potential concern (COPCs) previously identified at the Site. Notably, in the 2014 RFI/RA no excess risk was observed for generic onsite workers or construction workers for these non-PFAS COPCs. Receptors and associated complete exposure pathways include:

- A current/future generic indoor worker subject to ambient air concentrations and incidental ingestion of dust, derived from outdoor soil.
- A current/future generic outdoor worker exposed to incidental ingestion of surface soil (current condition), incidental ingestion of total soil (future condition), inhalation of particulate emissions from ambient air and derived from soil, and dermal contact with soil.
- A future generic maintenance/construction worker exposed to incidental ingestion of total soil, inhalation of particulates from ambient air and derived from soil, dermal contact with soil, direct contact with groundwater (where the standing groundwater table is less than 10 ft bgs), and inhalation of volatile organic compounds (VOCs) under trench air conditions, where applicable.

5.3.1 Application of Future Toxicological Information to SLEA Results

Both in 2019, when the SLEA was prepared, and now in 2021 when this memorandum is being written, Table 3+ PFAS toxicological data are only available for HFPO-DA, limiting the extent of a hazard characterization. Pursuant to Consent Order paragraph 14, toxicity tests will be performed for five additional PFAS compounds. The results of these tests will be used to develop a more comprehensive hazard assessment. When these toxicological data become available, Geosyntec

proposes further evaluation of the potential hazards of Table 3+ PFAS exposures, quantified both in the 2019 SLEA and the refinements proposed herein.

6 Groundwater Monitoring

This section addresses comments from NCDEQ related to monitoring requests on pages 6 and 7 of the December 23, 2020 letter and provides responses to comments about onsite groundwater monitoring. NCDEQ requested quarterly monitoring for Table 3+ PFAS at all onsite monitoring wells, and also requested inclusion of Method 537 PFAS and other COPCs in future monitoring programs. This section first describes the present onsite monitoring status, then discusses requests from the NCDEQ related to monitoring frequency and then closes with proposed refinements to the analytical parameters included in the onsite groundwater monitoring program.

6.1 Groundwater Monitoring Status

Chemours has an extensive ongoing monitoring program. Since 2017, Geosyntec and Parsons collected 1,138 groundwater samples from monitoring wells and 2,466 surface water samples on and surrounding the site. Annually, Geosyntec and Parsons complete a site-wide groundwater monitoring event. The 2020 annual onsite monitoring event scope encompassed 127 onsite monitoring wells, including 64 wells screened in the Perched Zone, 33 wells screened in the Surficial Aquifer, and 30 wells screened in the Black Creek Aquifer and Floodplain Deposits (Figure 2.1). Of these 127 wells, samples can only reliably be collected from 114 locations, as the remaining locations are often dry and cannot be sampled. In the 2021 Annual Groundwater Monitoring Report, Geosyntec will propose wells for abandonment if they are continually dry or if they are no longer useful (for example, wells surrounding the PlumeStop™ Pilot Test Area).

Quarterly at the Site, Geosyntec and Parsons monitor 22 wells. Nineteen (19) of these wells are adjacent to surface water receptors around the perimeter of the Site including the Cape Fear River, Willis Creek, Georgia Branch Creek and Old Outfall 002 (Figure 2.2). The remaining 3 wells are located in the Perched Zone adjacent to historical release areas. Samples collected from these onsite monitoring wells on a quarterly or annual basis are currently analyzed for Table 3+ PFAS.

6.2 Responses to the NCDEQ Comments on Groundwater Monitoring Frequency

NCDEQ requested quarterly sampling for all onsite monitoring wells. Geosyntec agrees that quarterly monitoring is necessary at the 22 wells located near receptors (the Cape Fear River, Willis Creek, Georgia Branch Creek and Old Outfall 002) but proposes that annual sampling is suitable for the remaining onsite monitoring wells, based on groundwater travel times and trends observed for HFPO-DA over time at individual wells.

The NCDEQ *Guidelines for the Investigation and Remediation of Soil and Groundwater Contamination* (2017), Section 5, state that reasonable, site-specific monitoring proposals will be considered and that the predicted rate of contaminant transport and proximity to potential receptors

should be considered when determining the monitoring schedule (NCDEQ, 2017). As described earlier, Geosyntec and Parsons are monitoring wells directly adjacent to offsite receptors (i.e., surface water bodies). Additionally, the three wells monitored quarterly in the Perched Zone provide a measure of the stability of historical release area Table 3+ PFAS concentrations on a quarterly basis. Further, the conservatively calculated contaminant transport rates at the Site indicate that groundwater originating from historical release areas at the Site will take over one year, and usually many years, to migrate to the Site boundary.

Therefore, the present quarterly monitoring program and continued site-wide annual sampling program is appropriate to monitor groundwater contaminant concentrations both onsite and reaching receptors. Below the travel times for groundwater at the Site are described.

6.2.1 Groundwater Travel Times

Groundwater travel times were estimated using two methods, first based on measured groundwater gradients and hydraulic conductivities in each aquifer unit and second by evaluating travel times using the groundwater numerical flow model. These calculations were used to develop a conservative (i.e., un-retarded) estimate of PFAS transport at the Site from the historical release areas.

The groundwater velocities for the Perched Zone, the Surficial Aquifer, and the Black Creek Aquifer were calculated based on hydraulic gradients and hydraulic conductivities for four to six well pairs in each water bearing unit. Groundwater velocities were calculated to estimate annual groundwater travel distances in each water bearing unit to support an understanding of travel distances for Table 3+ PFAS over a period of one year. The distance from the historical release areas to the closest receptor (Cape Fear River) is approximately 1,500-1,600 ft. In one year, Perched Zone groundwater in the historical release areas travels approximately 2% of the distance to the closest receptor, Surficial Aquifer groundwater travels approximately 57% of the distance to the closest receptor, and Black Creek Aquifer groundwater travels approximately 52% of the distance to the closest receptor. It would take more than a year for groundwater in any of these units to move from historical release areas to the closest receptor.

Groundwater travel distances were also calculated using a numerical model constructed in FEFLOW. The model calculates the flow velocity and pathways of a particle over the course of a year. Further details on the numerical modeling approach are provided in the Pre-Design Investigation Summary (Geosyntec, 2021b). The results of this modeling can be seen in Figure 6.1, 6.2, and 6.3 for each respective water bearing unit. This analysis estimates that the maximum distance a particle will travel from the historical release area to the nearest receptor over the course of a year is 7% of the distance in the Perched Zone, 42% of the distance in the Surficial Aquifer, and 49% of the distance in the Black Creek Aquifer, also suggesting that it would take more than a year for groundwater in any of these units to move from the historical release areas to the closest receptor.

6.3 Responses to NCDEQ Comments on Groundwater Monitoring Analytes

NCDEQ requested continued monitoring for Table 3+ PFAS and inclusion of Method 537 PFAS and COPCs identified in the RCRA Corrective Measures Study (CMS) Workplan (Parsons, 2016).

6.3.1 Table 3+ PFAS

NCDEQ requested sampling for all Table 3+ PFAS during monitoring events. Chemours contractors will continue to analyze samples for Table 3+ PFAS as part of quarterly and annual groundwater sample events as described above.

6.3.2 Method 537 PFAS

NCDEQ requested inclusion of Method 537 PFAS in future monitoring. Chemours contractors have been collecting and analyzing samples for Method 537 PFAS in annual groundwater sampling programs and in quarterly mass loading sampling programs (Geosyntec, 2019a-b, 2019e, 2020d-f, 2021a, 2021f). Geosyntec agrees that it is necessary to continue to monitor the perfluorocarboxylic acids (PFCAs) reported under Method 537 at present. PFCAs are a byproduct of Site manufacturing activities, but relative to Table 3+ PFAS they are found at lower concentrations and can be sampled on an annual basis for onsite monitoring wells, and on a quarterly basis for selected monitoring wells near receptors. Geosyntec proposes that other Method 537 PFAS, which are not site-related and are not frequently observed onsite above background Cape Fear River levels, not be included in monitoring.

Relationship Between Table 3+ PFAS, PFCAs, PFSAs and other PFAS

Manufacturing activities at the Site result in the production of Table 3+ PFAS. Additionally, these manufacturing activities result in the production of a fractional amount of PFCAs (for example perfluorobutanoic acid – PFBA). An April 2019 sample of combined process water from Monomers IXM analyzed under the CO paragraph 11 program (Geosyntec, 2019d) reported detections of 11 PFCAs in addition to 15 Table 3+ PFAS. The total PFCA concentration was only 1% of the concentration of Table 3+ PFAS (10,000 micrograms per liter [µg/L] for Table 3+ PFAS vs. 108 µg/L of PFCAs).[7] Similarly, this trend is observed in environmental samples where the sum of Method 537 PFAS, i.e., PFCAs along with Perfluorosulfonic acids (PFSAs) and other PFAS,[8] comprise 7 percent or less of the total Table 3+ and Method 537 PFAS. Some of these PFAS detected at the Site are known to originate from water taken from the Cape Fear River. The individual PFAS compounds comprising each of the four different categories of PFAS (Table 3+, PFCAs, PFSAs, and Other PFAS) are identified Table 1.4.

As mentioned above, Method 537 PFAS are present in the Cape Fear River from sources upstream of the Site along the Cape Fear River. This is consistent with observations of Method 537 PFAS

[7] PFOA, a PFCA, was produced at the PPA Area between 2002 and 2012.
[8] Other PFAS include sulfonamides, telomere alcohol PFAS, amongst other non-Table 3+, PFCA or PFSA PFAS.

in the Cape Fear River not changing between upstream and downstream river samples of the Site (Geosyntec 2018, 2019e, 2020g, 2020h). In fact, Method 537 PFAS concentrations in upstream samples from non-Chemours sources (e.g., WWTPs) have been detected and reported by others (see for example, Nakayama et al., 2007; NCDEQ, 2020). While Method 537 PFAS are present in Site groundwater, albeit at significantly lower concentrations than Table 3+ PFAS, the observation of Cape Fear River concentrations indicates that the Site does not significantly or measurably change Method 537 PFAS concentrations measured in the Cape Fear River.

However, Site groundwater concentrations of Method 537 PFAS have been changed by Cape Fear River water. The Site uses between 10 and 20 million gallons of Cape Fear River water per day for cooling purposes and some of this water has infiltrated through historically unlined sediment ponds and water conveyance channels and as a result has introduced Method 537 PFAS into Site groundwater.

The difference in the origin of the four categories of PFAS results in three distinct concentration distribution patterns observed at the Site as pictured in Figures 6.4 through 6.7 and described below:

- Table 3+ PFAS; Figure 6.4. Table 3+ PFAS originate from process water and aerial deposition release pathways. As a result, this category of PFAS are found in high concentrations near and downgradient of historical process water releases and across all other areas of the Site in shallow groundwater from aerial deposition.
- PFCA PFAS; Figure 6.5. PFCAs originate from Site manufacturing activities in Monomers IXM, historically at the PPA Area, and from the Cape Fear River. They are found at much lower concentrations than Table 3+ PFAS. Highest PFCA concentrations, similar to Table 3+ PFAS trends, are found near historical release areas with lower concentrations found near the Site Conveyance network.
- PFSA and Other PFAS: Figures 6.6 and 6.7. PFSAs detected at the Site that originate from Cape Fear River water used for cooling purposes. Detections are highest and concentrated in areas where river water was conveyed at the Site.

Based on the distribution and observed concentrations of the PFAS categories shown in Figures 6.4 to 6.7, Chemours contractors will continue to monitor Method 537 PFCAs on an annual basis in the mass loading model and in onsite groundwater monitoring wells but proposes that other Method 537 PFAS, including PFSAs, do not require further monitoring.

6.3.3 Other COPCs

NCDEQ requested inclusion of other COPCs (fluoride, metals, semi-volatile organic compounds [SVOCs] and VOCs) in future monitoring. As documented in the RCRA CMS Workplan (Parsons, 2016), groundwater is identified as the primary medium of concern affected by site-related non-PFAS COPCs that could result in potentially significant exposure to future receptors, but only

under the unlikely potential future land use scenario of residential use. In the RCRA CMS Work Plan, no non-PFAS COPCs were identified in the soils or surface water at the Site that would result in significant exposure to potential current or future industrial or construction workers, who would be in contact with these media (Parsons, 2016). Benzo(a)anthracene, benzo(b)fluoranthene, and benzo(a)pyrene were reported in soil at sample location SWMU06-01A and thallium was reported at sample location CS-1 above corresponding residential Preliminary Soil Remediation Goals (PSRGs). These polycyclic aromatic hydrocarbon (PAH) detections were only slightly above associated residential PSRGs and the thallium detection was within an order of magnitude of the residential PSRG. Based on this, the risk posed to future hypothetical residents was assumed to be negligible based on likely exposure time by hypothetical residents to these isolated detections. Further, the deed recorded for the Site with Cumberland and Bladen Counties indicates that in no event shall the property be used for residential purposes (or as a day care or childcare facility).

The non-PFAS COPCs identified in groundwater are listed below:

- VOCs: 1,2-dichloroethane; Methylene chloride; Tetrachloroethene; Trichloroethene; and Vinyl chloride
- SVOCs: Bis(2-ethylhexyl)phthalate; and
- Inorganics: Antimony; Arsenic; Chromium; Cobalt; Copper; Fluoride; Iron; Lead; Manganese; Mercury; Nickel; Nitrate; Selenium; Thallium; Vanadium; and Zinc

Note that PFOA was also identified as a COPC in the RCRA CMS Work Plan. Proposed PFOA sampling is described as part of the PFAS monitoring program discussed above.

A monitoring event for the COPCs listed above will be conducted at the 2021 annual groundwater monitoring event. COPC target specific inorganic compounds will be analyzed in a representative set of monitoring wells across the Site. Samples for COPC target specific VOC and SVOC analysis will be focused in Perched Zone monitoring wells in the Monomers IXM Area[9] where these organic constituents were detected at concentrations above applicable 2L Standards (Parsons, 2014).

Following sample collection in the next annual groundwater monitoring event, future monitoring needs for these COPCs will be evaluated using NCDEQ's Risk-Based Evaluation process after the updated SLEA is performed for onsite receptors. The risk-based remediation process allows an option at contaminated sites to use remedial actions and land-use controls to ensure that affected properties are safe for their intended use.

Consistent with the 2016 CMS Work Plan (Parsons), media remediation standards will be developed for COPCs other than PFAS based on the current and future land use scenarios,

[9] NAF-01, NAF-02, NAF-03, NAF-04, NAF-05A/B, NAF-06, NAF-07, NAF-08A/B, NAF-09, NAF-10, NAF-11A/B, and NAF-12.

excluding residential use (based on existing land use restrictions) using NCDEQ's Risk-Based Evaluation process referenced in § 130A-310.68. Under this rule the NCDEQ allows for use of NCDEQ's Risk Calculator[10] to evaluate cumulative human health risk. A background evaluation will also be performed for non-PFAS COPCs detected in both groundwater and soil that are naturally occurring as part of this process. Site-specific, risk-based cleanup standards may subsequently be established for monitoring purposes of non-PFAS COPCs and potential institution of additional land use restrictions. Long-term monitoring of non-PFAS COPCs may be performed to evaluate for potential releases (and to protect public health, safety, and welfare and the environment based on the results of the Risk-Based evaluation process).

7 Responses to Other Comments

This section addresses other comments from NCDEQ otherwise not addressed previously, which includes comments presented on pages 3 – 7, 9 – 12, and 14 – 16 of the December 23, 2020 letter from NCDEQ. The NCDEQ comments responded to below are largely found in Attachment 1 of the December 23, 2020 letter from NCDEQ.

7.1 Data Needs

NCDEQ requested spreadsheets containing all onsite and offsite groundwater PFAS analytical data and all soil analytical data available to date. For offsite private well data, Chemours contractors routinely transmit these data to NCDEQ in an EQuIS EDD format for NCDEQ's database via their Enterprise website. For onsite and offsite monitoring well data, Chemours and Chemours contractors have transmitted these data in an EQuIS EDD format for NCDEQ's database via their Enterprise website on February 15, 2021. Geosyntec also transmitted to NCDEQ location maps and location coordinates for all onsite and offsite monitoring wells on February 15, 2021. All soil sampling results have been prepared for transmittal to NCDEQ in an EQuIS EDD format, but transmittal of these data are being paused at the request of NCDEQ until such time that required changes are made to NCDEQ's data acceptance protocol to receive the download (email from Brian Pointer to Craig Bartlett, among others).

7.2 Former Fire Training Area

NCDEQ requested information on any investigations into potential PFAS releases from activities at the former fire training area (FTA). Based on accounts from facility personnel, no firefighting powders or foams have been discharged in the FTA. The only training that has occurred in this area was for confined space rescue training and vehicle driver training. Powder-based fire extinguishers are used elsewhere on Site including for training purposes at the Fire House. The Safety Data Sheet for these powders is provided in Attachment D; there is no PFAS in these powders.

[10] https://deq.nc.gov/permits-rules/risk-based-remediation/risk-evaluation-resources

In 2011, DuPont sent a letter to the North Carolina Department of Environment and Natural Resources seeking guidance on how it should go about conducting fire training activities required by the Occupational Safety and Health Administration involving the use of aqueous film forming foam without violating the 2L Rules. The letter is provided in Attachment D. The facility did not utilize aqueous film forming foam in the subsequent training exercise.

7.3 Former Wastewater Treatment Plant Lagoons

NCDEQ requested information on any investigations into potential PFAS releases from the former wastewater treatment plant lagoons. The WWTP historically operated three lagoon systems; Lagoon A, Lagoon B, and Lagoon C were used to manage biosolids generated from the biological activated sludge treatment system. Lagoon C was in operation from 1972 to 1979, handling sludge from the Butacite® area. Lagoon C did not receive PFAS waste during its operation. Upon decommissioning, it was abandoned in place and covered with clean soil. Lagoons A and B were constructed to replace Lagoon C in 1979. Lagoons A and B managed activated sludge from the WWTP. Both lagoons were decommissioned in 1985 and dismantled in 1990 with wastes sent offsite to Sampson County Landfill for disposal.

Since both of these lagoons likely processed PFAS-containing waste, Geosyntec proposes collecting two soil samples from one borehole within the area of Lagoon A and B for Table 3+ PFAS analysis on the leachate for a total of 4 samples. Soil analytical data will subsequently be reviewed to determine whether a monitoring well should be installed for groundwater monitoring.

7.4 Land Application of Waste Residuals

NCDEQ requested information on any land application of waste residuals or other materials, on and offsite. Since 2017, Chemours has explored the following options to apply waste materials onsite:

- 2017: Submittal of a letter to NCDEQ requesting approval to apply river sediments onto the former Wastewater Treatment Plant lagoons and subsequent approval from NCDEQ.
- 2018: Pre-testing of soils in the area west of the manufacturing areas, east of Highway 87 (SB-100 to SB-105), in anticipation of application of stockpiled waste residuals.

Documentation of the 2017 correspondence is provided in Attachment E, and analytical data for the 2018 soil pre-testing is provided in Attachment C, Table C1. To date, application of these waste residuals has not occurred, as shown in the Annual Land Application Certification forms provided in Attachment E.

Prior to 2017, available records indicate that land application of waste residuals occurred in 2011, when 1,940 dry tons of river sediments were applied under Permit WQ0035431 in the Borrow Area to the north of the manufacturing areas. Documentation of the sediment application and analytical data collected for the applied wastes is provided in Attachment E.

7.5 Cross Sections

NCDEQ made several requests related to the cross sections presented in the SA Report, including requests to incorporate additional existing onsite wells, and questions and recommendations about the interpretation of drilling logs in the cross sections. In a future report, an updated set of cross sections will be prepared to address the NCDEQ comments and will be provided to NCDEQ for review. Updated cross sections will also incorporate high resolution subsurface data collected during the Pre-Design Investigation (Geosyntec, 2021b).

7.6 Slug Tests

NCDEQ requested existing hydraulic conductivity estimates using slug test data from wells near the Cape Fear River in the SA Report. The slug test data and corresponding hydraulic conductivity estimates are included in the Mass Loading Model Reports submitted to NCDEQ in 2020 (Geosyntec, 2020d, 2020e, 2020f). In late 2020, step drawdown tests and constant rate tests were conducted at five extraction wells adjacent to the Cape Fear River as part of the Pre-Design Investigation. The results of the constant rate tests were used to calculate updated hydraulic conductivity estimates along the Cape Fear River frontage. The aquifer test results and corresponding hydraulic conductivity estimates are reported in the Pre-Design Investigation Report (Geosyntec, 2021b), and the updated hydraulic conductivity values are applied to the Fourth Quarter 2020 Mass Loading Model Report (Geosyntec, 2021a).

7.7 Vertical Gradients

NCDEQ observed that the vertical gradients listed in Table 9-2 and Figure 9-4 of the SA Report were incorrect. A corrected table of vertical gradient data is provided in Table 7.1, and a corresponding corrected figure of vertical gradients is provided in Figure 7.1. The water bearing unit for PIW-1D has been updated to Black Creek Aquifer in all tables and figures, however the borehole log for PIW-1D indicate that the soils observed are atypical for Black Creek Aquifer material and may also represent Upper Cape Fear confining unit and/or floodplain deposits. In the corrected vertical gradients, the direction of the vertical gradients remain unchanged, with positive vertical gradients (representing potential downward flow) observed on top of the bluff and negative vertical gradients (representing potential upward flow) along the Cape Fear River bank.

7.8 Surface Water Bodies

NCDEQ requested further granularity in the naming of water bodies in Figure 5-3 of the SA Report, including identification of individual water bodies besides the Cape Fear River. Figure 7.2 provides an updated map of surface water bodies in the region around the site, naming individual water bodies.

7.9 Receptor Survey

NCDEQ requested a receptor survey identifying all receptors and off-facility areas potentially adversely affected by PFAS releases from the Site (e.g., schools, daycare centers, and potential

future receptors such as new home construction). A receptor survey was conducted within a 10-mile radius of the Site. Figure 7.3 shows all potentially sensitive receptor locations identified, including 3 daycares and 12 schools. No other potentially sensitive receptors were identified. Two of these locations have already been sampled under the private well program, and Geosyntec and Parsons are identifying the water sources for all other locations and are contacting well owners to obtain permission to access and sample wells.

7.10 Investigation-Derived Waste

A Waste Management Plan has been prepared for the Site to manage investigation and remediation waste streams, and is provided in Attachment F. Soil cuttings, drilling mud or slurry and any dirty plastic sheeting or otherwise contaminated waste generated during the installation of observation, extraction, and monitoring wells were placed in steel, Department of Transportation (DOT) approved, open top 55-gallon drums. Liquid wastes from drilling with high turbidity were placed in steel, DOT approved, closed top drums, and temporarily staged. The drum exteriors were wiped clean, labeled with "Non-hazardous" labels, and inventoried. Low turbidity liquid waste from well development and purging wells was placed directly into a specified sump within the IXM unit.

An inventory of drums transported offsite is provided in Attachment G. Drums are to be disposed of at CWM Emelle in Emelle, Alabama. Chemours will continue to track wastes through manifests and will continue to follow the Waste Management Plan for waste disposal.

7.11 Samples with Holding Time Exceedances

NCDEQ observed that the hold times were exceeded for some groundwater samples analyzed for PFAS and stated that the hold time exceedances were not mentioned in the text or tables. Analytical results for samples with hold time exceedances are J-qualified to indicate that the analyte is present, but the reported value may not be accurate or precise. While the hold times are not explicitly discussed in the text, the data is correctly J-qualified in the corresponding analytical tables of the SA Report and the J-qualifiers are included in the analytical tables in the SA Report.

NCDEQ also observed that some laboratory reports corresponding to samples with hold time exceedances were not provided to NCDEQ. The omitted laboratory reports are provided via a OneDrive folder that will be shared with NCDEQ.

8 Summary

In summary, the updated SA Report was submitted to NCDEQ on October 31, 2019 with the objective of expeditiously meeting CO paragraph 18 requirements and providing a basis for remedial decisions and plans in the CAP. Since the SA was submitted, Geosyntec and Parsons continued with several additional investigations and assessment activities both on and offsite. This memorandum addressed comments from the NCDEQ related to the SA Report. As discussed in

the sections above, Geosyntec agrees additional areas of refinement exist and proposes to develop workplans accordingly. The proposed future refinement scopes of work include:

- Installation of additional onsite monitoring wells in the Black Creek Aquifer, including south of Old Outfall 002 and between the facility and Willis Creek.
- Evaluation of well integrity for onsite UCFA wells and based on findings conduct repair/ abandonment, well development, and sampling.
- Evaluation of private well program data to assess offsite delineation and augmenting the data set with well construction records and sampling of NCDWR wells, and then determining appropriate confirmatory characterization.
- Installation of additional offsite monitoring wells east of the Cape Fear River directly across from the Site to evaluate potential for groundwater migration under the river.
- Additional onsite soil investigations including laboratory studies and soil sampling to refine characterization of vertical PFAS distribution in soil.
- Refinement of HH-SLEA including refinement of offsite exposures – including soils, produce and game species, assessment of onsite exposures – including soils, and application of future toxicological information to SLEA Results.
- Continued quarterly monitoring of Table 3+ PFAS and USEPA Method 537 PFCAs at select perimeter wells and an annual site-wide monitoring event.
- Monitoring for other COPCs in select onsite monitoring wells at the next annual groundwater monitoring event with subsequent evaluation of future monitoring needs for these COPCs using NCDEQ's Risk-Based Evaluation process.
- Additional investigations into possible prior releases at the former WWTP lagoons.

Following agreement from NCDEQ on the path forward outlined in this memorandum, workplans for the refinement scopes listed above will be provided to NCDEQ for review. Scopes of work outlined in the workplans will be implemented following NCDEQ approval of the workplans. Geosyntec looks forward to further discussions with NCDEQ about the responses provided in this memorandum and to completion of the Site Assessment.

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Seep A
Seep B
Outfall 002
Seep C Flow-Through Cell
Seep C
Seep D
W.O. Huske Dam
Old Outfall 002 Treatment System
Old Outfall 002
Georgia Branch Creek
Site Location
Fort Bragg Military Reservation
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Cumberland
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Bladen
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Lumberton
White Lake
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Sampson
8 4 0 8 Miles

Legend

- Seep C Flow-Through Cell
- Old Outfall 002 Treatment System
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- Site Boundary
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- Observed Seep (Natural Drainage)
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Areas at Site

- Chemours Monomers IXM
- Chemours Polymer Processing Aid Area
- DuPont Polyvinyl Fluoride Leased Area
- Former DuPont PMDF Area
- Kuraray SentryGlas® Leased Area
- Kuraray Trosifol® Leased Area
- Wastewater Treatment Plant
- Power - Filtered and Demineralized Water Production
- Kuraray Laboratory

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

1,000 500 0 1,000 Feet

Site Location Map

Chemours Fayetteville Works, North Carolina

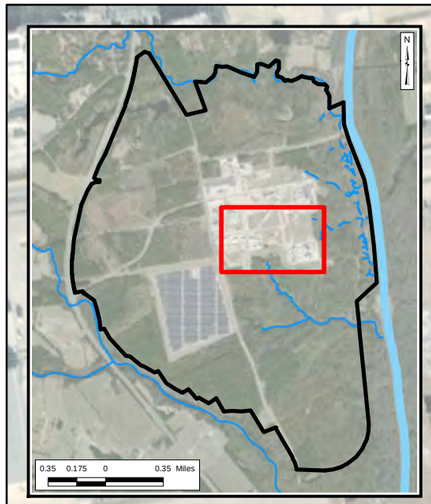
Geosyntec consultants

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

Raleigh | June 2021

Figure 1.1

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



Wastewater Treatment Plant

Former Lagoon A/B

Former Lagoon C

N

Legend

Site Boundary

Nearby Tributary

Observed Seep (Natural Drainage)

Areas at Site

Former Wastewater Treatment Plant Lagoons

Wastewater Treatment Plant Area

Notes:
1. Lagoon C was operational from 1972 to 1979. Lagoons A and B were operational from 1979 to 1985.
2. Basemap Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

290 145 0 290 Feet

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

Historical Wastewater Treatment Plant Lagoons

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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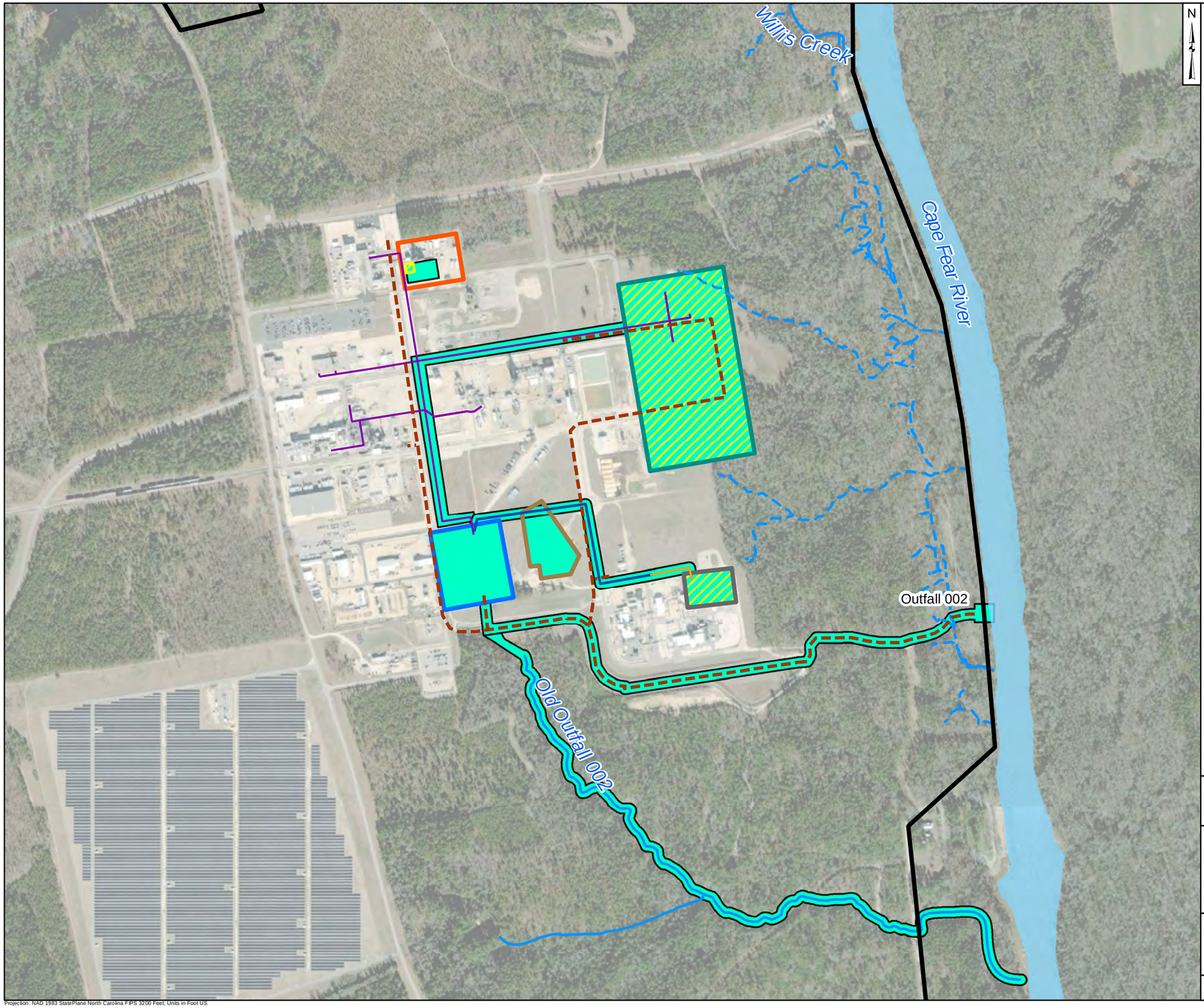
Figure **1.2**



Legend

- Site Conveyance Network
- Pipe from PMDF to Wastewater Treatment Plant
- Historical PMDF Pipe
- Historical Terracotta Pipe
- Site Boundary
- Nearby Tributary
- Observed Seep (Natural Drainage)

Areas at Site

- Chemours Monomers IXM Area
- Chemours Polymer Processing Aid Area
- Former DuPont PMDF Area
- Former Wastewater Treatment Plant Lagoons A and B
- Wastewater Treatment Plant Area

Historical Locations

- Air Emission Sources
- Fluoroproduct Process Wastewater Conveyance or Storage

Notes:
1. Figure depicts areas where fluoroproduct manufacturing occurred, air emissions occurred, and where PFAS process wastewater was conveyed or stored prior to 2017.
2. Basemap Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1,000 500 0 1,000 Feet

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

Historical PFAS Air Emission Sources and Fluoroproduct Process Wastewater Conveyances

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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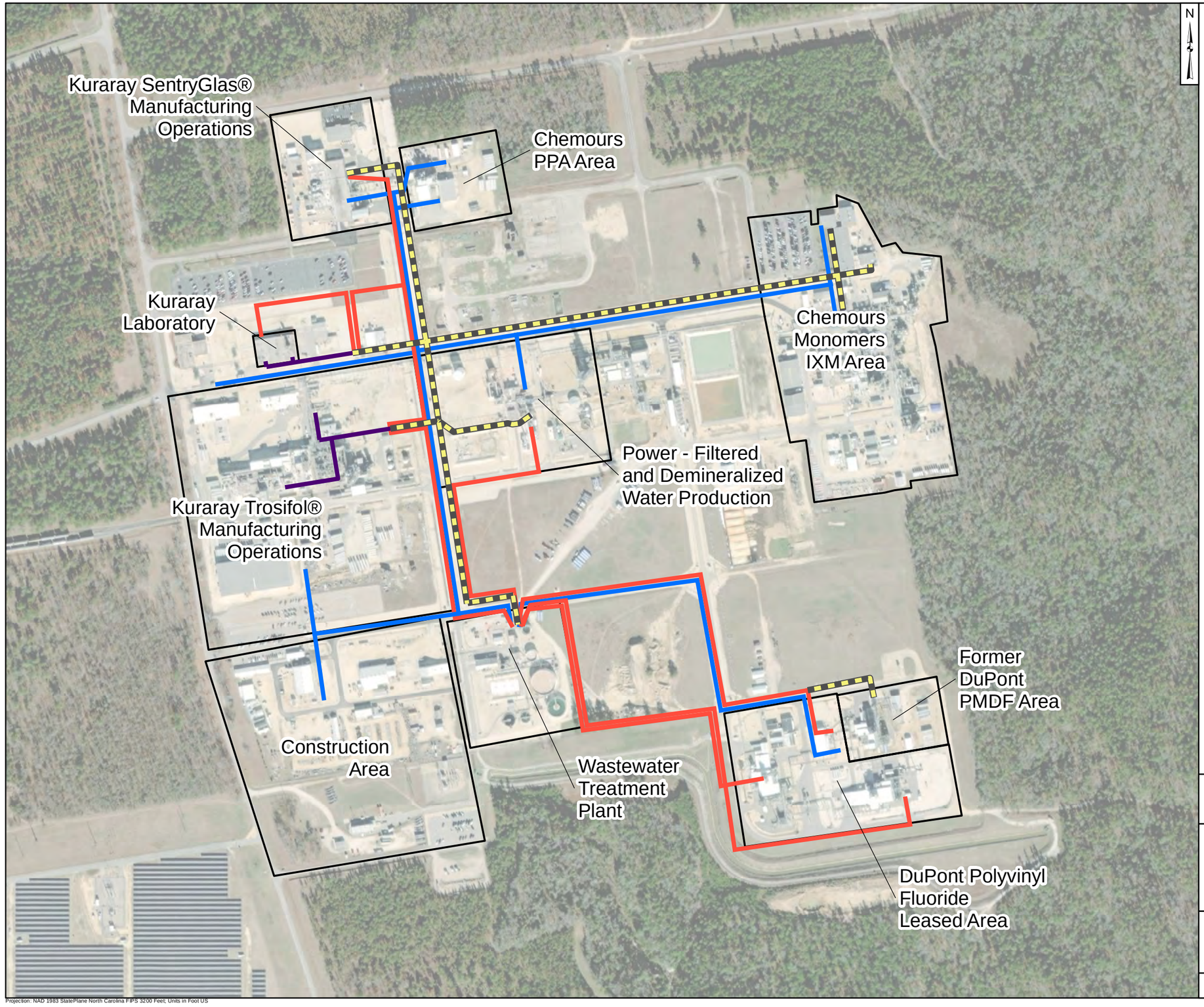
Figure **1.3**



Notes:

1. Piping layout is for illustrative purposes only and may not reflect exact pipe locations
2. Aerial imagery provided by Esri basemaps (2020).

500 250 0 500 Feet

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

Process and Sanitary Sewer Network

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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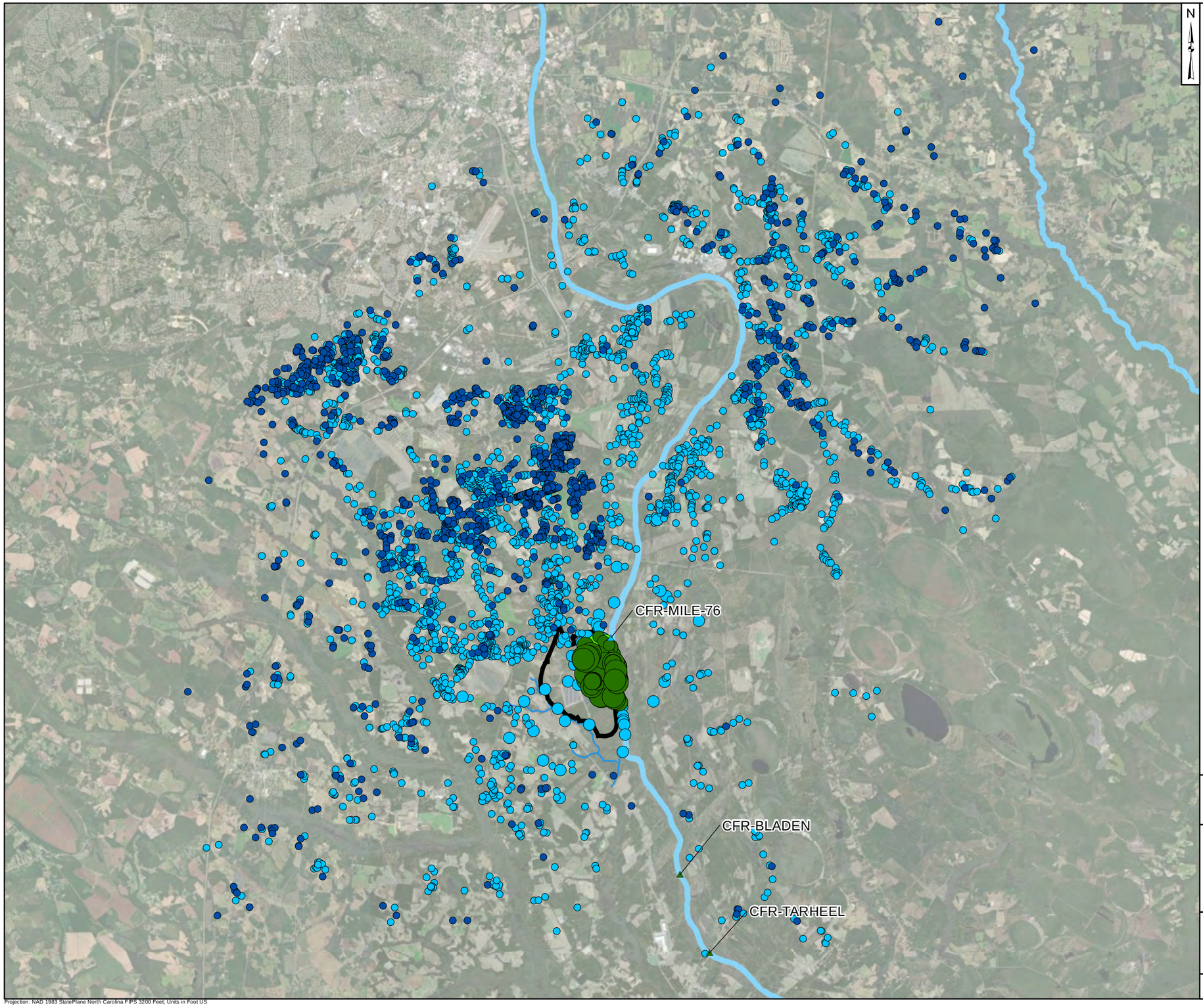
Figure **1.4**



Legend

Sum of Indicator PFAS (HFPO-DA, PMPA, and PFMOAA) Concentrations (ng/L)

- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Non-River Sample
- River Sample

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- Site Boundary

Notes:
ng/L - nanograms per liter

1. The size of the symbol denotes the relative magnitude of Indicator PFAS concentrations (HFPO-DA, PMPA, PFMOAA) and the color of the symbol denotes the PFAS signature.
2. Non-Detect values were not included in the sum of the Indicator PFAS.
3. PFAS results include J-qualified data.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

10,000 5,000 0 10,000 Feet

Spatial Distribution of PFAS Signatures - On and Offsite

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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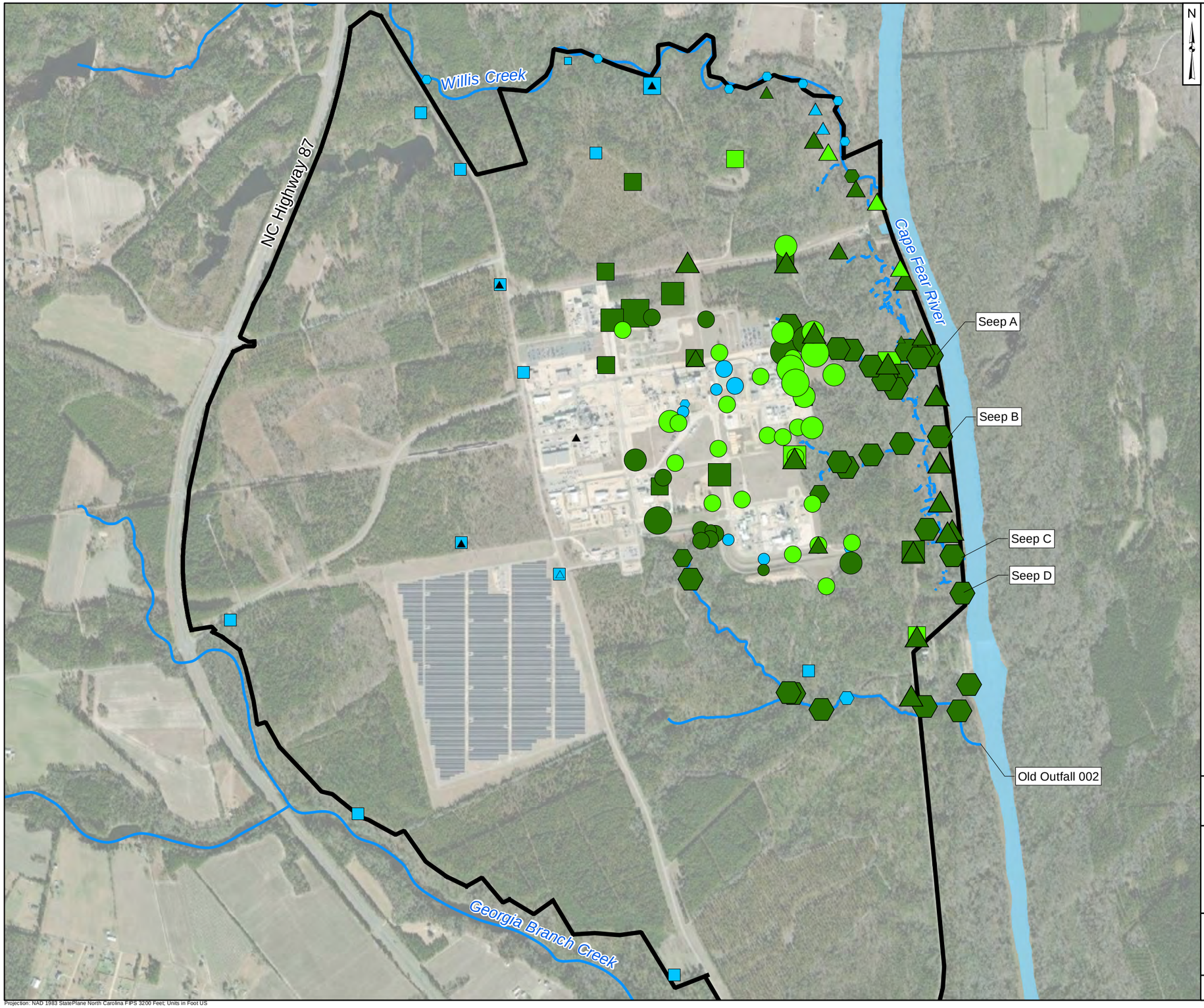
Figure **1.5**

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



Legend

Total Table 3+ (17 Compounds) Concentration (ng/L)

- ND
- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Black Creek/Floodplain Deposits Groundwater
- Perched Zone Groundwater
- Surficial Aquifer Groundwater
- Surface Water

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- ND - Not Included in PFAS Signature Analysis
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
ND - Non-Detect

1. The size of the symbol denotes the relative magnitude of Total Table 3+ concentrations, except for surface water locations sampled in February 2019. These locations were analyzed for Attachment C, so the size of the symbol at these locations denotes the relative magnitude of Total Attachment C concentrations. At all locations, the color of the symbol denotes the PFAS signature.
2. Total Table 3+ concentrations do not include R-PSDA, Hydrolyzed PSDA, or R-EVE.
3. Total Table 3+ results include J-qualified data.
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Spatial Distribution of PFAS Signatures - All Sample Types

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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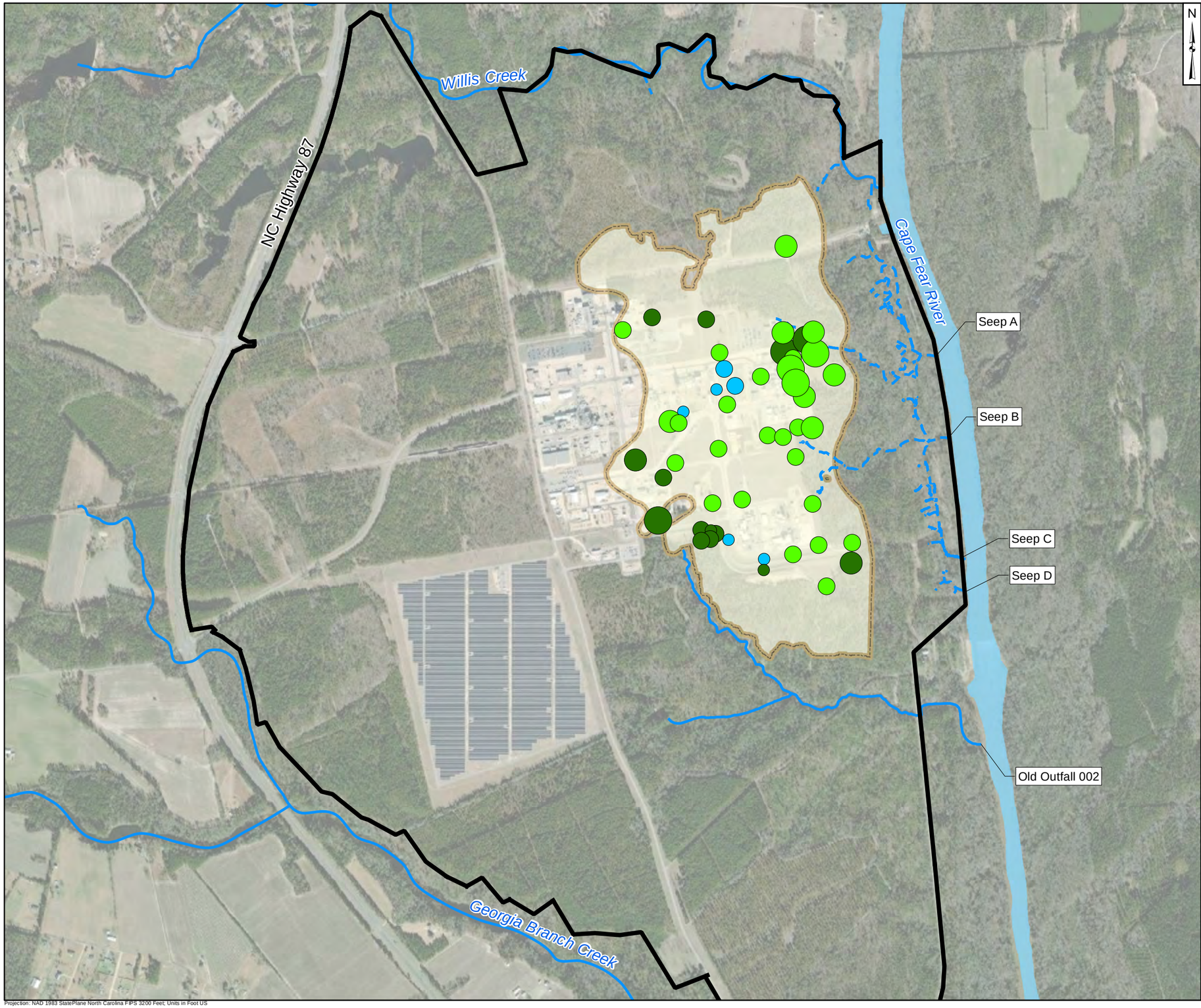
Figure **1.6**

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



N

Legend

Total Table 3+ (17 Compounds) Concentration (ng/L)

- ND
- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Black Creek/Floodplain Deposits Groundwater
- Perched Zone Groundwater
- Surficial Aquifer Groundwater
- Surface Water

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- ND - Not Included in PFAS Signature Analysis
- Observed Seep
- Nearby Tributary
- Site Boundary
- Extent of Perched Clay under Facility

Notes:
ng/L - nanograms per liter
ND - Non-Detect

1. The size of the symbol denotes the relative magnitude of Total Table 3+ concentrations and the color of the symbol denotes the PFAS signature.
2. Total Table 3+ concentrations do not include R-PSDA, Hydrolyzed PSDA, or R-EVE.
3. Total Table 3+ results include J-qualified data.
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Spatial Distribution of PFAS Signatures - Perched Zone

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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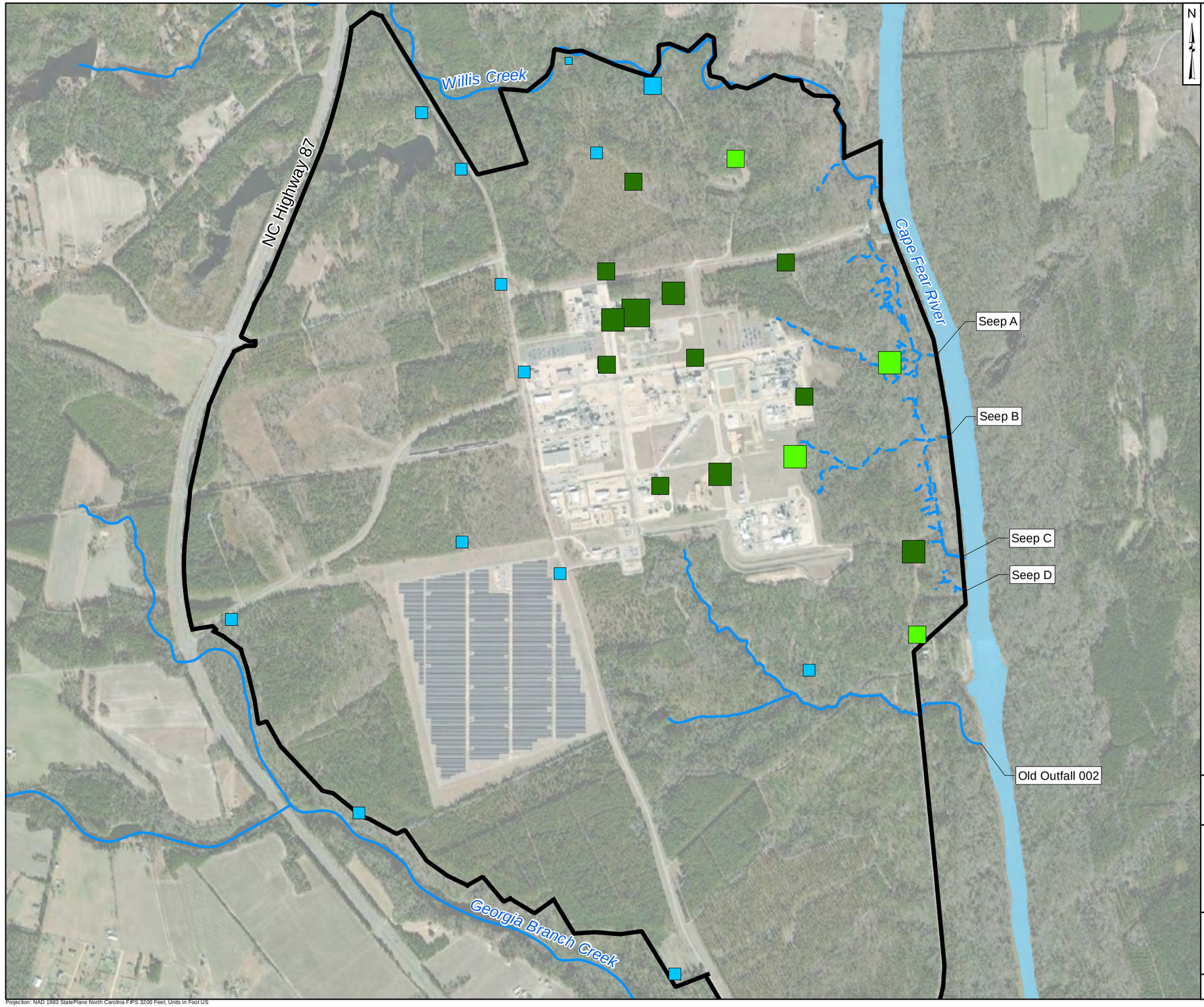
Figure **1.7**

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



Legend

Total Table 3+ (17 Compounds) Concentration (ng/L)

- ND
- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Black Creek/Floodplain Deposits Groundwater
- Perched Zone Groundwater
- Surficial Aquifer Groundwater
- Surface Water

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- ND - Not Included in PFAS Signature Analysis
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
ND - Non-Detect

1. The size of the symbol denotes the relative magnitude of Total Table 3+ concentrations and the color of the symbol denotes the PFAS signature.
2. Total Table 3+ concentrations do not include R-PSDA, Hydrolyzed PSDA, or R-EVE.
3. Total Table 3+ results include J-qualified data.
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Spatial Distribution of PFAS Signatures - Surficial Aquifer

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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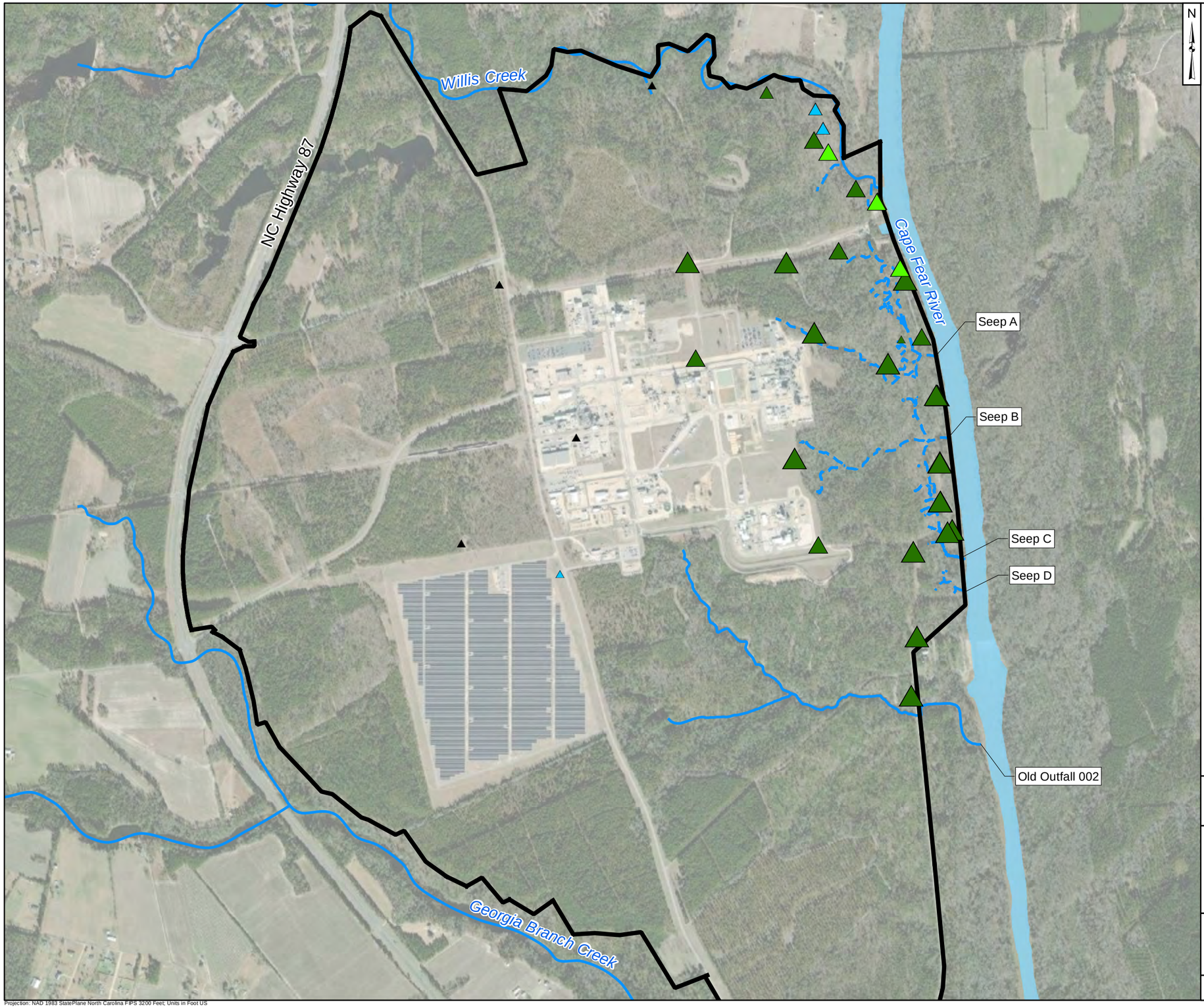
Figure **1.8**

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



Legend

Total Table 3+ (17 Compounds) Concentration (ng/L)

- ND
- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Black Creek/Floodplain Deposits Groundwater
- Perched Zone Groundwater
- Surficial Aquifer Groundwater
- Surface Water

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- ND - Not Included in PFAS Signature Analysis
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
ND - Non-Detect

1. The size of the symbol denotes the relative magnitude of Total Table 3+ concentrations and the color of the symbol denotes the PFAS signature.
2. Total Table 3+ concentrations do not include R-PSDA, Hydrolyzed PSDA, or R-EVE.
3. Total Table 3+ results include J-qualified data.
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Spatial Distribution of PFAS Signatures - Black Creek Aquifer and Floodplain Deposits

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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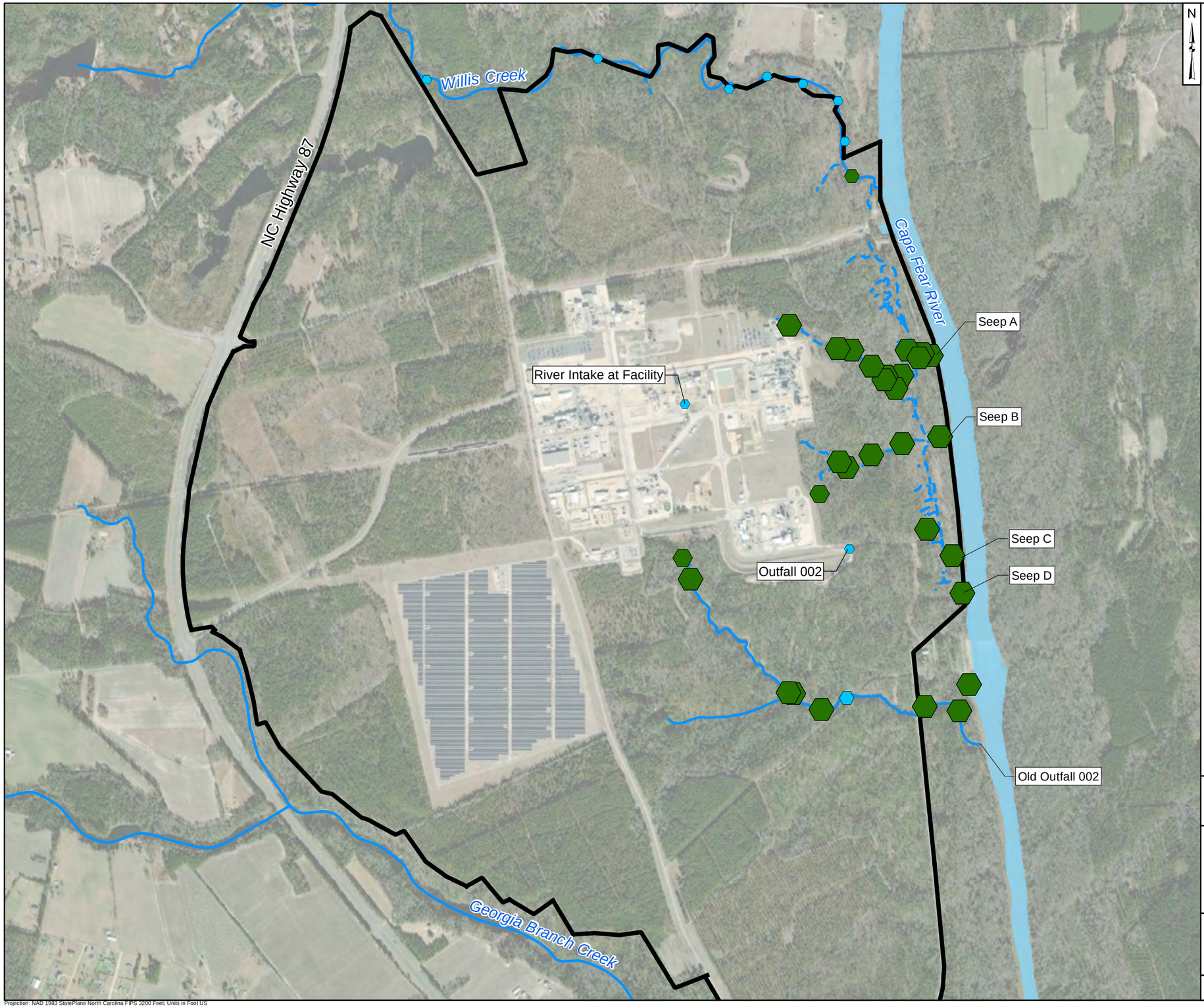
Figure **1.9**

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



Legend

Total Table 3+ (17 Compounds) Concentration (ng/L)

- ND
- < 1,000
- 1,000 - 10,000
- 10,000 - 100,000
- 100,000 - 1,000,000
- > 1.000,000

Sample Type

- Black Creek/Floodplain Deposits Groundwater
- Perched Zone Groundwater
- Surficial Aquifer Groundwater
- Surface Water

PFAS Signature

- Aerial - Predominantly PMPA
- Aerial - Mixture of PFAS
- Process Water - Predominantly PFMOAA
- Process Water - Mixture of PFAS
- ND - Not Included in PFAS Signature Analysis
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
ND - Non-Detect

1. The size of the symbol denotes the relative magnitude of Total Table 3+ concentrations, except for surface water locations sampled in February 2019. These locations were analyzed for Attachment C, so the size of the symbol at these locations denotes the relative magnitude of Total Attachment C concentrations. At all locations, the color of the symbol denotes the PFAS signature.
2. Total Table 3+ concentrations do not include R-PSDA, Hydrolyzed PSDA, or R-EVE.
3. Total Table 3+ results include J-qualified data.
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Spatial Distribution of PFAS Signatures - Surface Water

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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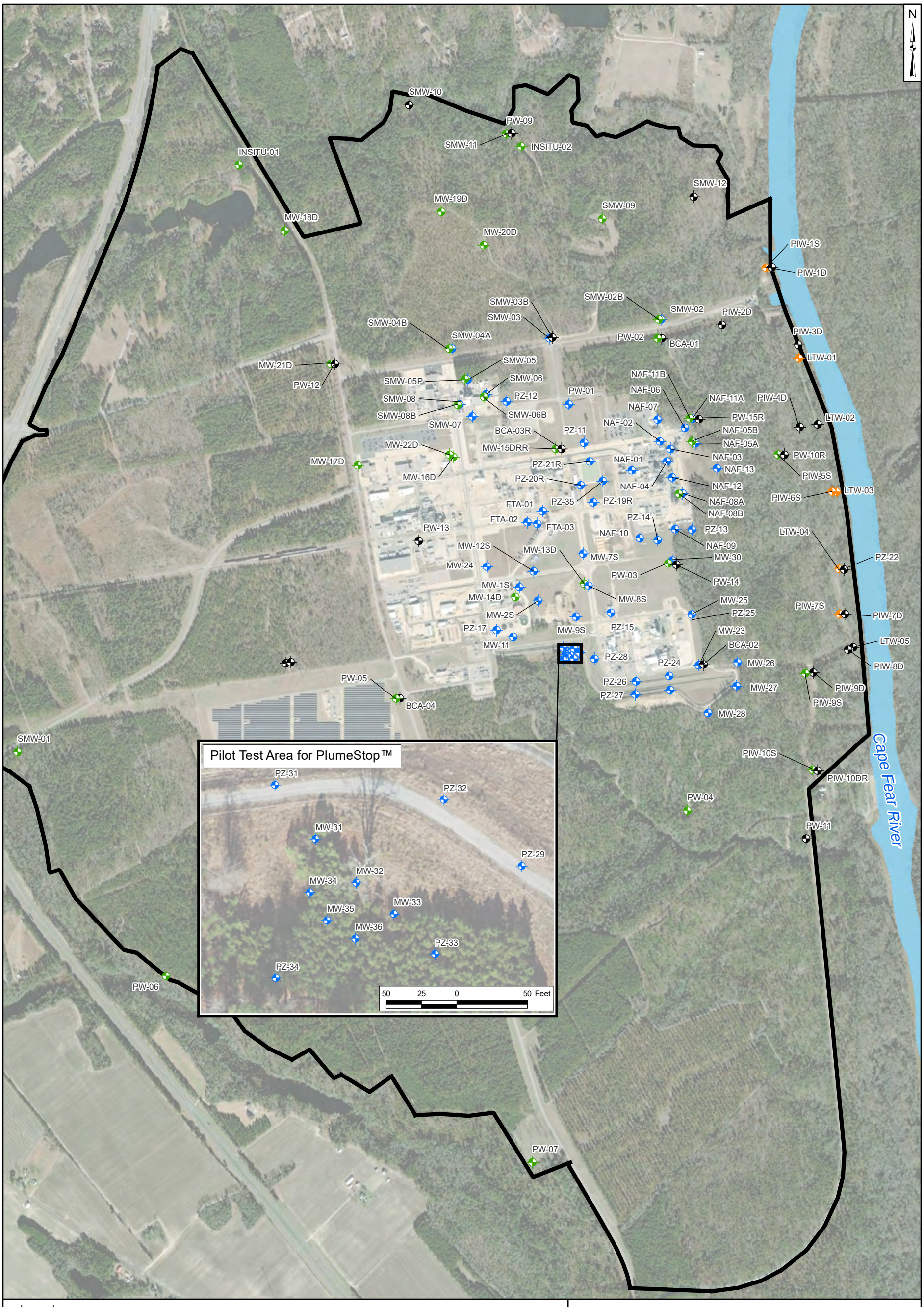
Figure **1.10**

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



Legend

- Perched Zone
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Site Boundary

Notes:

1. Due to the scale of the map, pairs of wells that are in close proximity have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Onsite Monitoring Wells

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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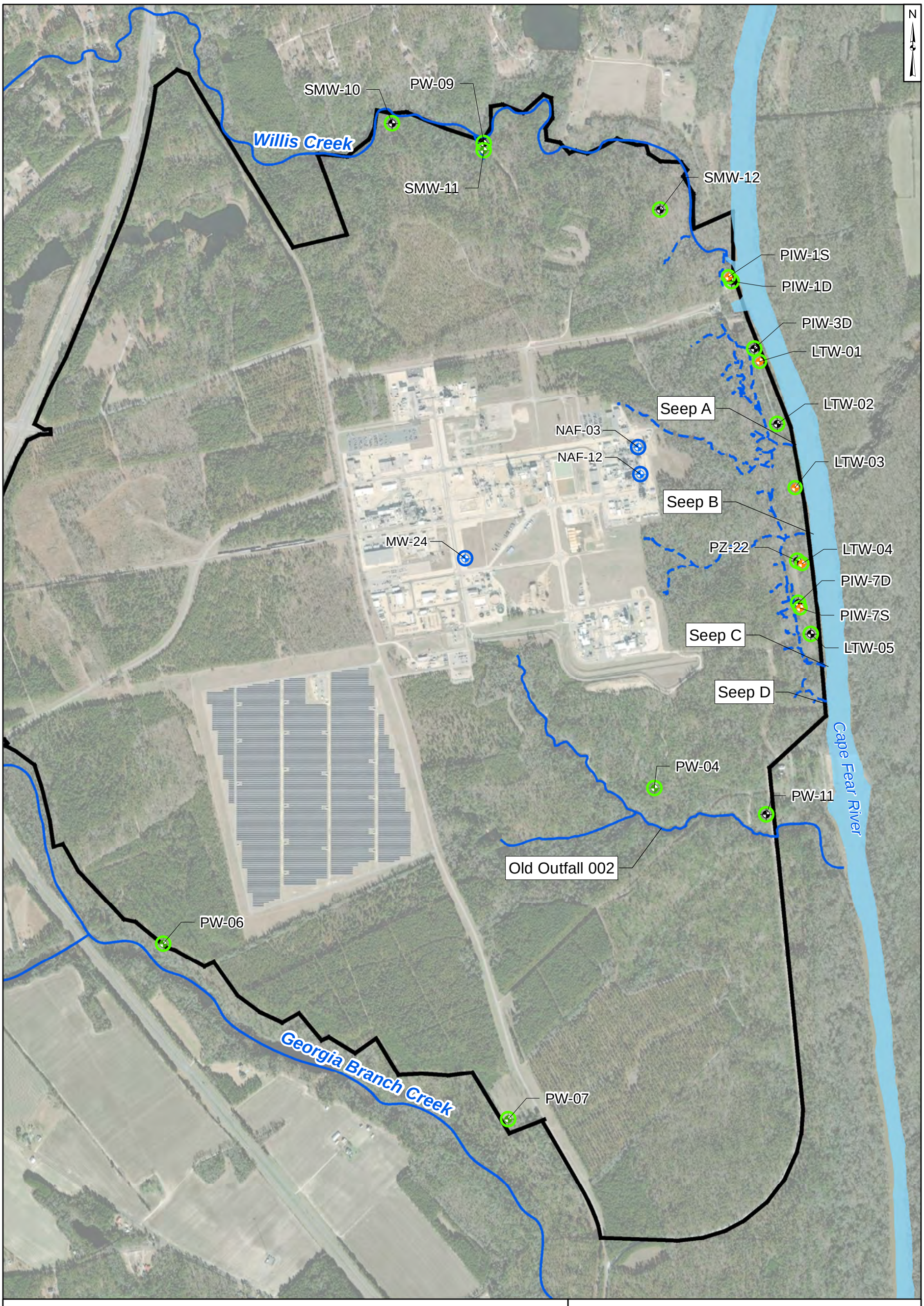
Figure **2.1**

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



Legend

- Perched Zone
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Mass Loading Program Locations
- Perched Zone Wells in Historical Release Areas
- Observed Seep
- Nearby Tributary
- Site Boundary

1,000 500 0 1,000 Feet

Notes:
1. Due to the scale of the map, pairs of wells that are in close proximity have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
2. The outline of Cape Fear River is approximate and is based on open data from ArcGIS Online and North Carolina Department of Environmental Quality Online GIS.
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

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

Locations for Quarterly Groundwater Monitoring

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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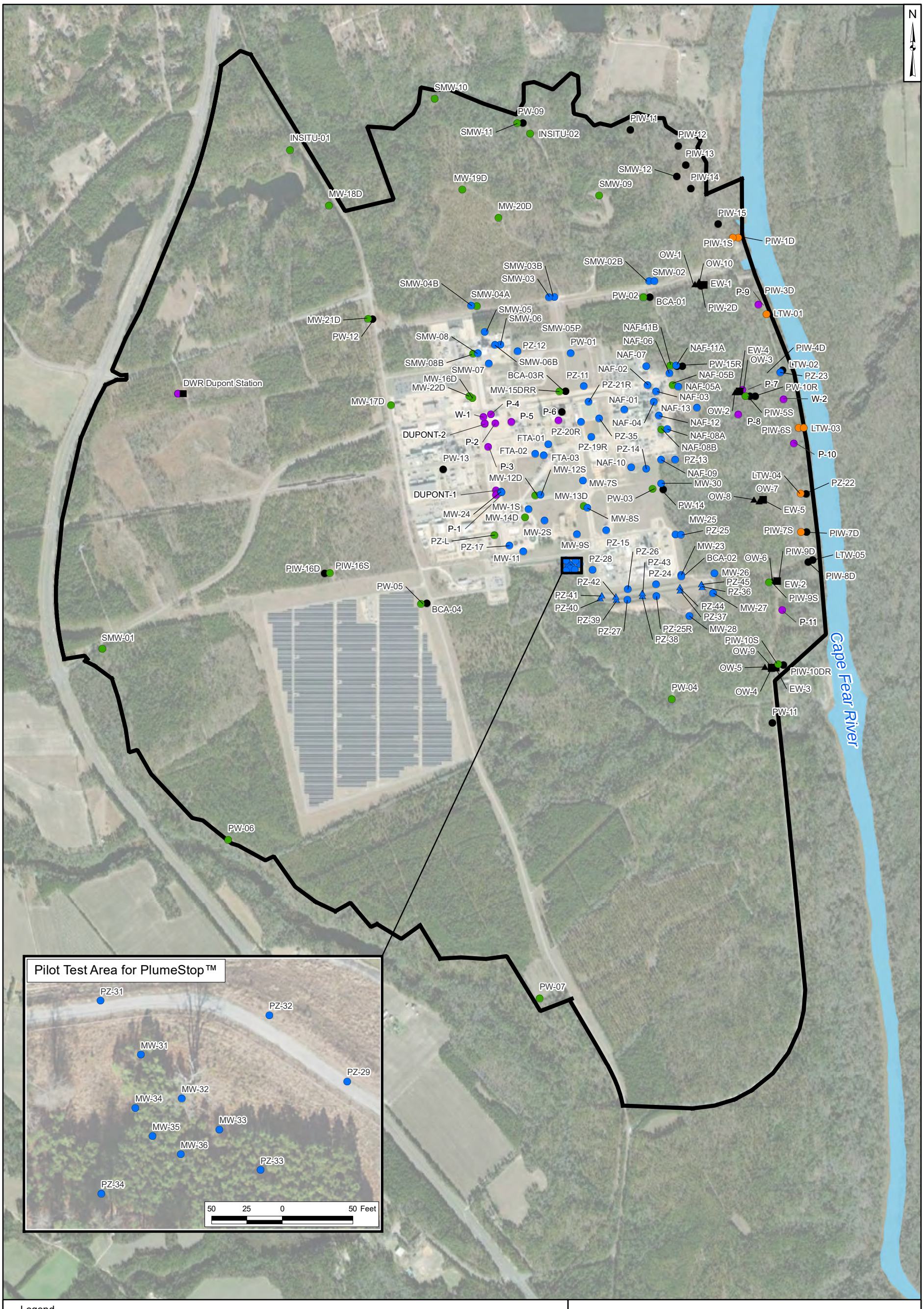
Figure 2.2



Legend

Well Type

- Monitoring Well
- Extraction Well
- Observation Well

Aquifer Type

- Perched Zone
- Surficial Aquifer
- Floodplain Deposits
- Black Creek Aquifer
- Upper Cape Fear Aquifer

- DWR Dupont Station
- Site Boundary

1,000 500 0 1,000 Feet

Notes:

1. Due to the scale of the map, pairs of wells that are in close proximity have been offset for visibility. Therefore, the placement of these wells on this map do not reflect their true geographic coordinates.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Onsite Groundwater Well Locations for Monitoring, Extraction and Water Level Observation

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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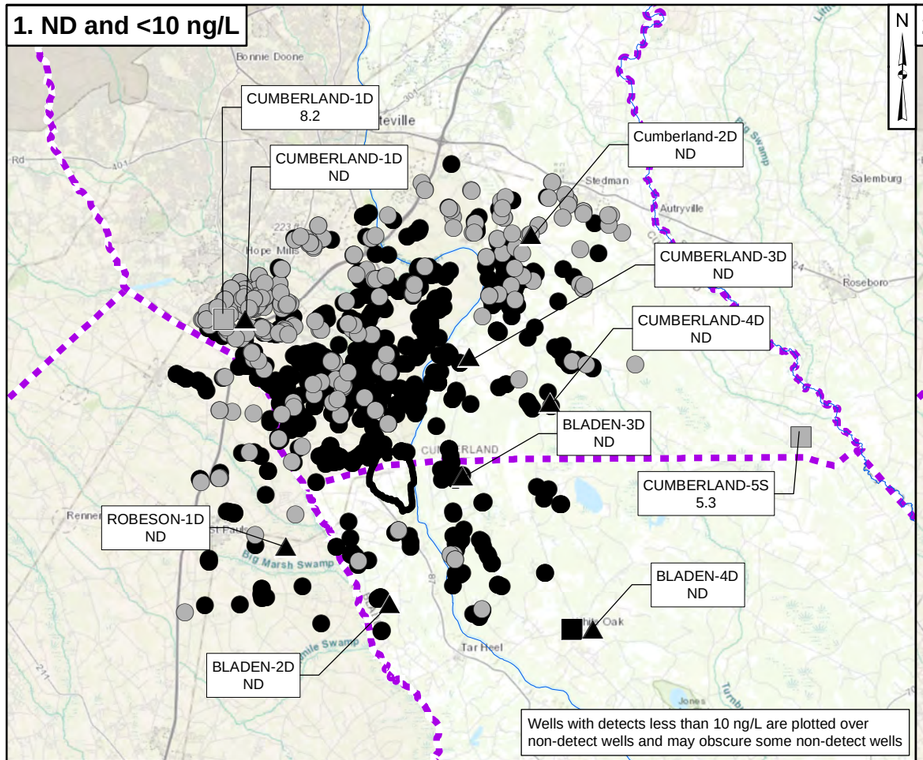
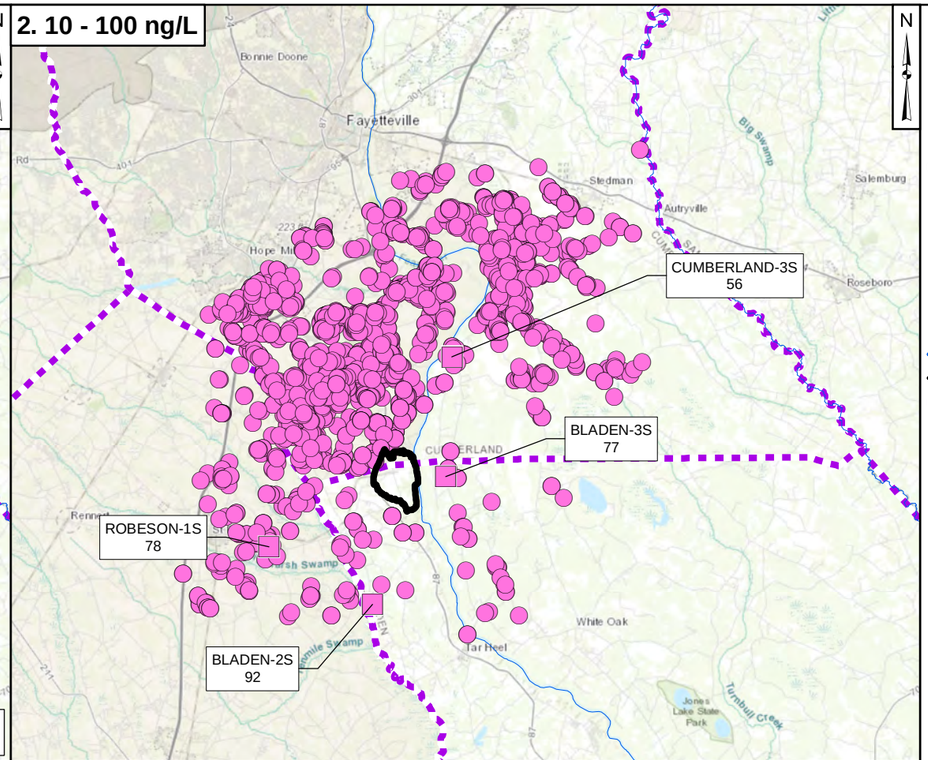
Figure 2.3

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

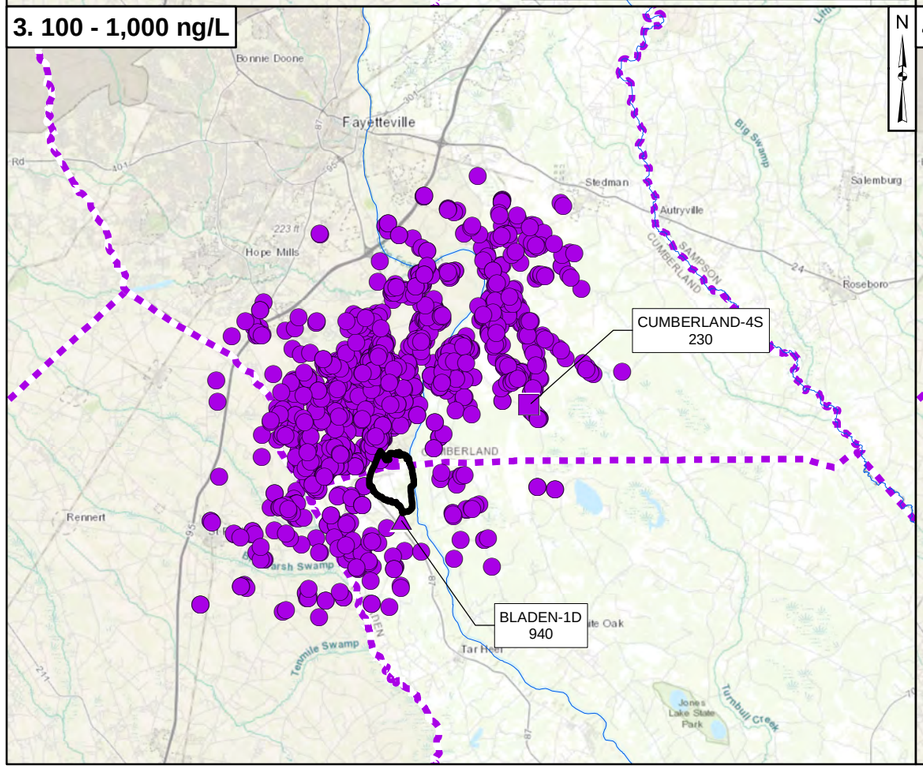
1. ND and <10 ng/L



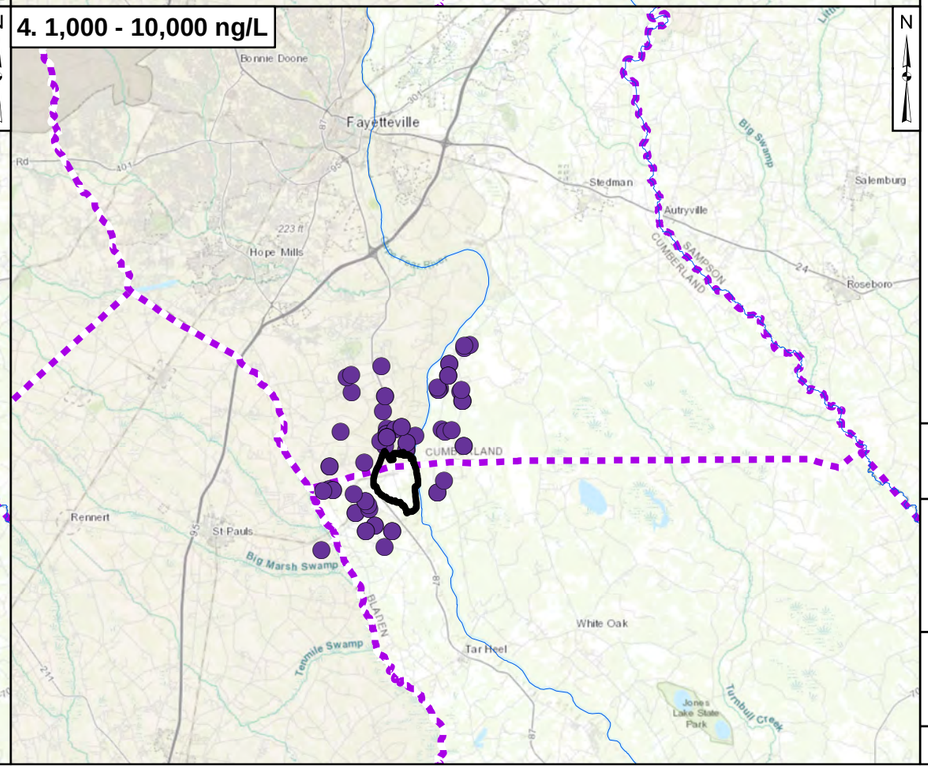
2. 10 - 100 ng/L



3. 100 - 1,000 ng/L



4. 1,000 - 10,000 ng/L



Legend

- Black Creek Aquifer Monitoring Well
- Surficial Aquifer Monitoring Well
- Private Well

Concentration (ng/L)

- ND
- < 10
- 10 - 100
- 100 - 1,000
- 1,000 - 10,000
- Cape Fear River
- Site Boundary
- County Boundary

Notes:
ND - Non-Detect
ng/L - nanograms per liter
PFAS - Per- and polyfluoroalkyl substances

1) Total Attachment C PFAS: HFPO-DA, PEPA, PFECA-G, PFMOAA, PFO2HxA, PFO3OA, PFO4DA, PMPA, PFO5DA, PS Acid, Hydro-PS Acid, and PFHpA.
2) Monitoring well groundwater data plotted are from samples collected in July 2020.
3) Private well data plotted are from samples collected between 2017 and 2020.
4) Ranges of concentration data are shown in four separate panels due to high density of private well concentration data.
5) Basemap source: Sources: Esri, HERE, Garmin, Intermap, increment

5 2.5 0 5 Miles

Total Attachment C PFAS Concentrations in Offsite Groundwater

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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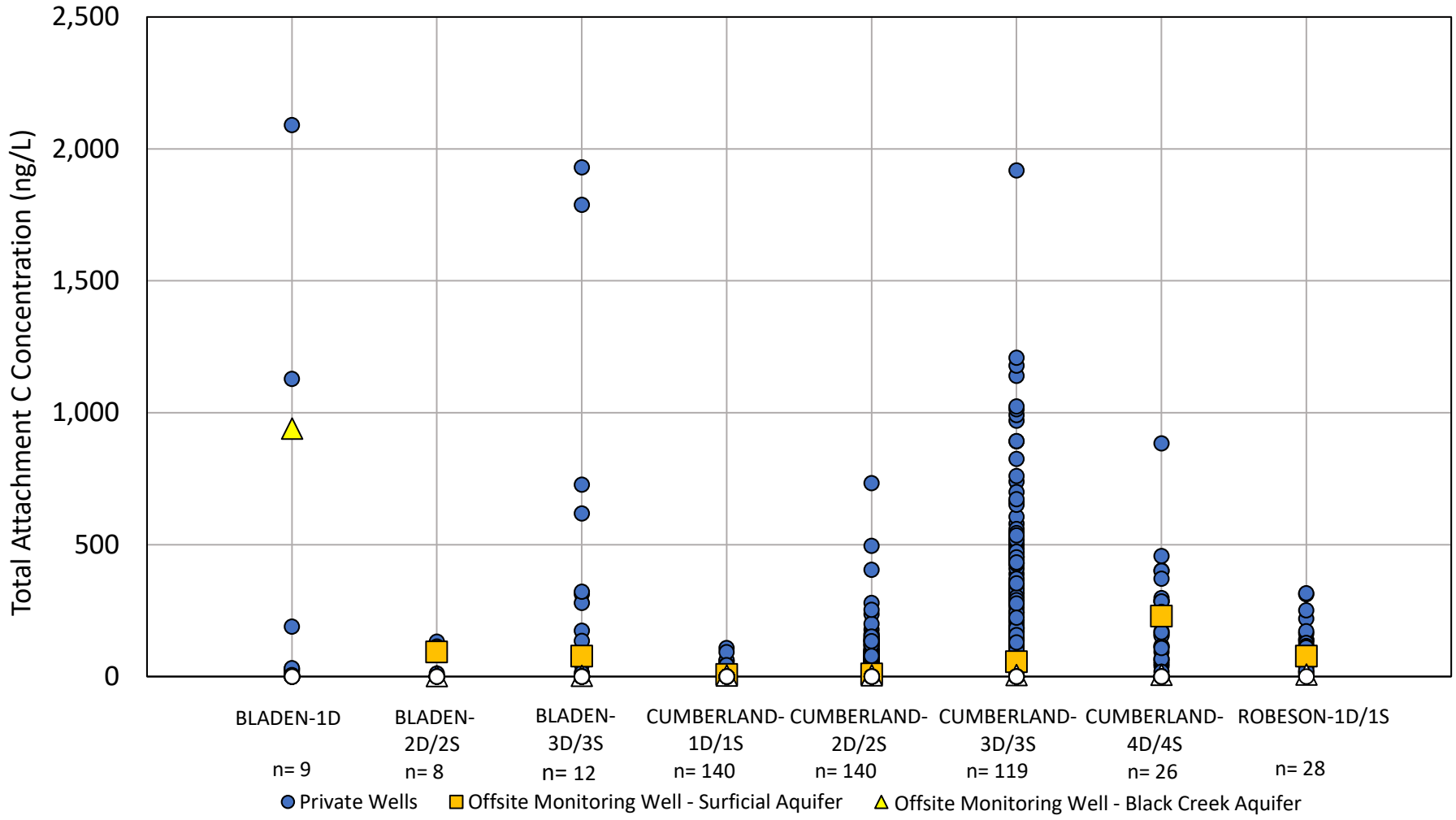
Figure **3.1**



Notes:
Samples with no detects above the associated reporting limits are plotted as 0 ng/L and are presented as hollow shapes
Private well data obtained in Private Well Sampling programs between 2017 and 2020
Monitoring well data obtained in sampling programs in 2020
n - Number of private wells within 1 mile of each set of offsite monitoring wells

Abbreviations:
ng/L - Nanograms per Liter
PFAS - Per- and polyfluoroalkyl substances

Total Attachment C PFAS in Private Wells within 1 Mile of Offsite Monitoring Wells
Chemours Fayetteville Works, North Carolina

Geosyntec consultants
Geosyntec Consultants of NC, P.C.
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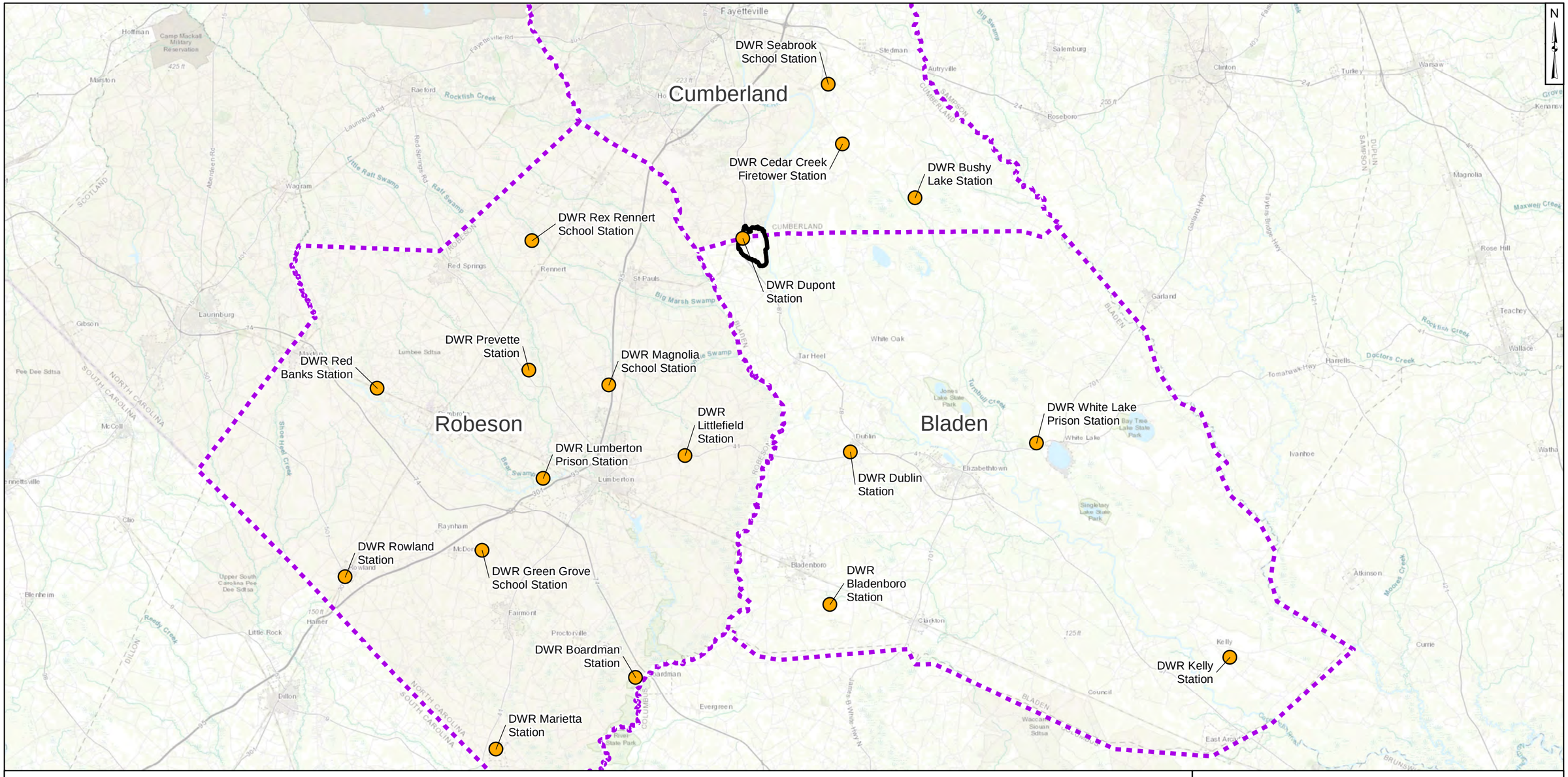
Figure 3.2



Legend

- NCDWR Well Locations
- Site Boundary
- County Boundary for Bladen, Cumberland, and Robeson Counties

Notes:
NCDWR - North Carolina Division of Water Resources

1. Well locations data obtained from North Carolina hydrogeology database for Cumberland, Bladen and Robeson Counties accessed at https://ncwater.org/?page=348.
2. Basemap sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community.

8 4 0 8 Miles

NCDWR Wells in Bladen, Cumberland, and Robeson Counties

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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Figure **3.3**

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

Willis Creek
Cape Fear River
Georgia Branch Creek
SSASI-SB-10
SSBX-03
WC-SOIL
SSBX-05
SSASI-SB-20
SSBX-09
SSASI-SB-15
SSBX-10
NCC-01
NCC-10
NCC-02
NCC-09
SSBX-04
Seep A
SEEP-A-RIVERSOIL
SSASI-SB-25
SSBX-07
SSASI-SB-32
SOIL-VES-21
SOIL-VES-25
SSBX-11
SOIL-VES-07
SOIL-VES-08
SSBX-06
SSBX-12
SSASI-SB-05
Seep B
SEEP-B-SOIL
SSBX-08
Seep C
SEEP-C-SOIL
Seep D
SEEP-D-RIVERSOIL
Old Outfall 002
SB-104
SB-103
SB-102
SB-105
SB-100
SB-101
SSBX-02
SSBX-01
N
NCC-03
NCC-08
NCC-04
NCC-07
SOIL-VES-37
SOIL-VES-31
SOIL-VES-32
SOIL-VES-35
SOIL-VES-34
SOIL-VES-41
SOIL-VES-43
SOIL-VES-42
SOIL-VES-30
NCC-06
SOIL-VES-19
NCC-05
SOIL-VES-18
SOIL-VES-16
SOIL-VES-29
SOIL-VES-28
SOIL-VES-27
SOIL-VES-14
SOIL-VES-17
SOIL-VES-15
SOIL-VES-36
SSBX-13
SOIL-VES-12
SOIL-VES-13
SOIL-VES-11
SOIL-VES-10
SOIL-VES-09
SOIL-VES-08
SOIL-VES-07
SOIL-VES-21
SOIL-VES-25
SOIL-VES-22
SOIL-VES-24
SOIL-VES-20
SOIL-VES-06
SOIL-VES-44
SOIL-VES-23
SOIL-VES-26
SOIL-VES-33
SOIL-VES-38
SOIL-VES-02
SOIL-VES-01
SOIL-VES-05
SOIL-VES-04
SOIL-VES-40
SOIL-VES-03
SOIL-VES-39
50 25 0 50 Feet

Legend

Concentration (ng/kg)

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

- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ND - Non-Detect
ng/kg - nanograms per kilogram
ft - feet
1. Surface soils are collected between 0 and 2 feet below ground surface.
2. At locations where multiple samples were collected, the highest concentration sample is reported.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

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

1,500 750 0 1,500 Feet

2017 to 2019 Onsite Surface Soil HFPO-DA Results

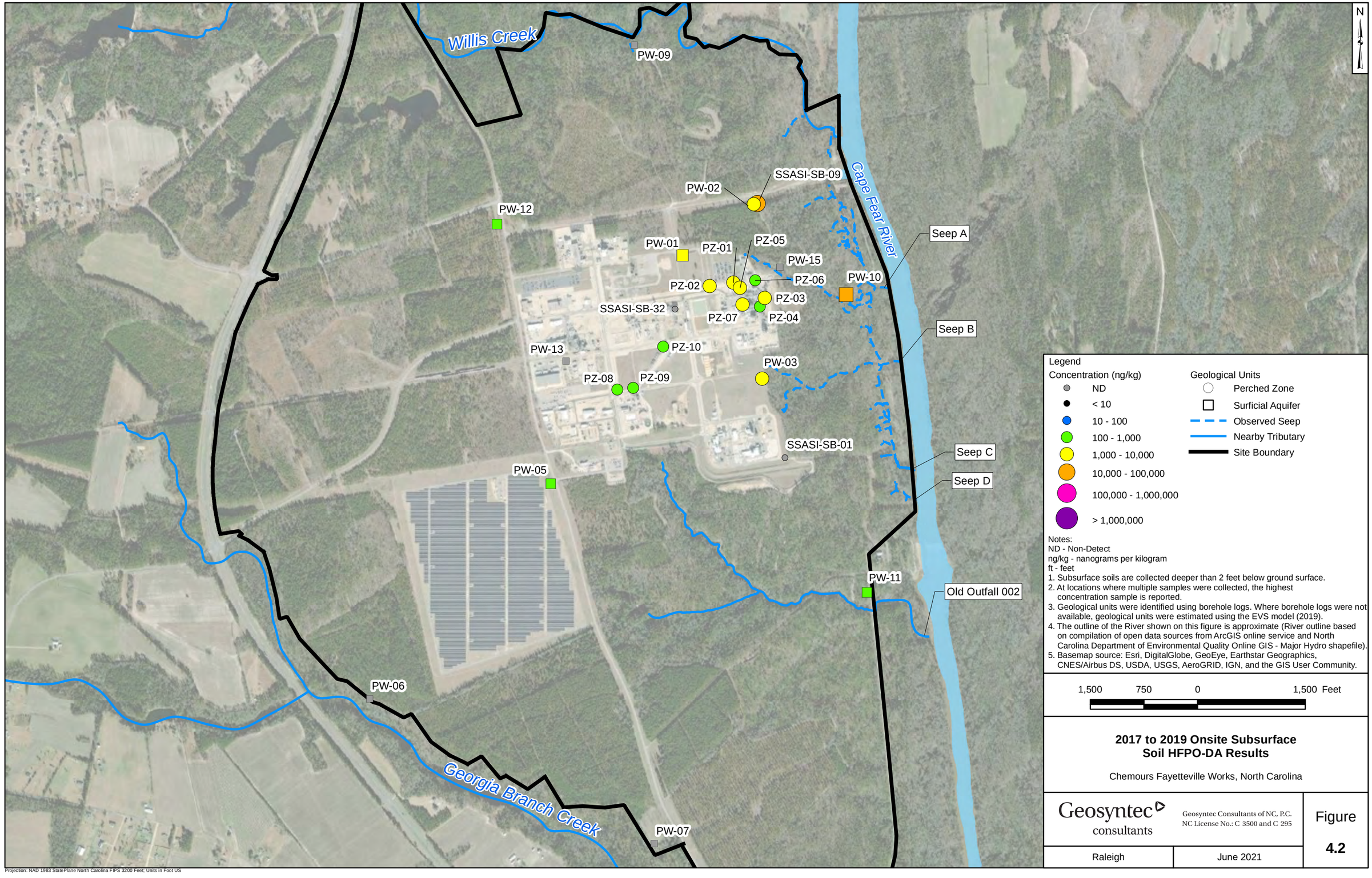
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | June 2021

Figure 4.1



Legend

Concentration (ng/kg)

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

Geological Units

- Perched Zone
- Surficial Aquifer
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ND - Non-Detect
ng/kg - nanograms per kilogram
ft - feet

1. Subsurface soils are collected deeper than 2 feet below ground surface.
2. At locations where multiple samples were collected, the highest concentration sample is reported.
3. Geological units were identified using borehole logs. Where borehole logs were not available, geological units were estimated using the EVS model (2019).
4. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,500 750 0 1,500 Feet

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

2017 to 2019 Onsite Subsurface Soil HFPO-DA Results

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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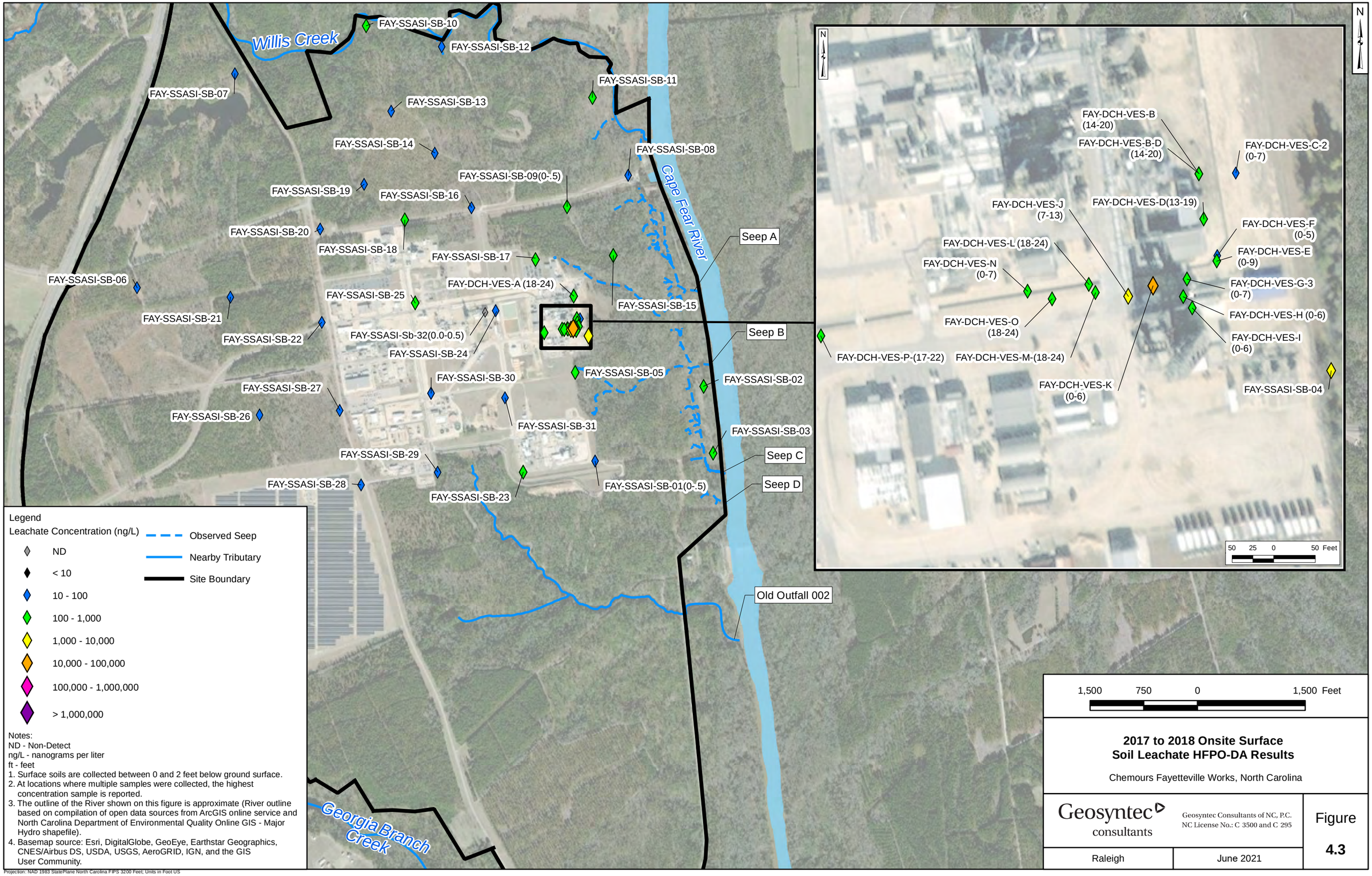
Figure 4.2



Legend

Leachate Concentration (ng/L)

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

- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ND - Non-Detect
ng/L - nanograms per liter
ft - feet

1. Surface soils are collected between 0 and 2 feet below ground surface.
2. At locations where multiple samples were collected, the highest concentration sample is reported.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

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

2017 to 2018 Onsite Surface Soil Leachate HFPO-DA Results

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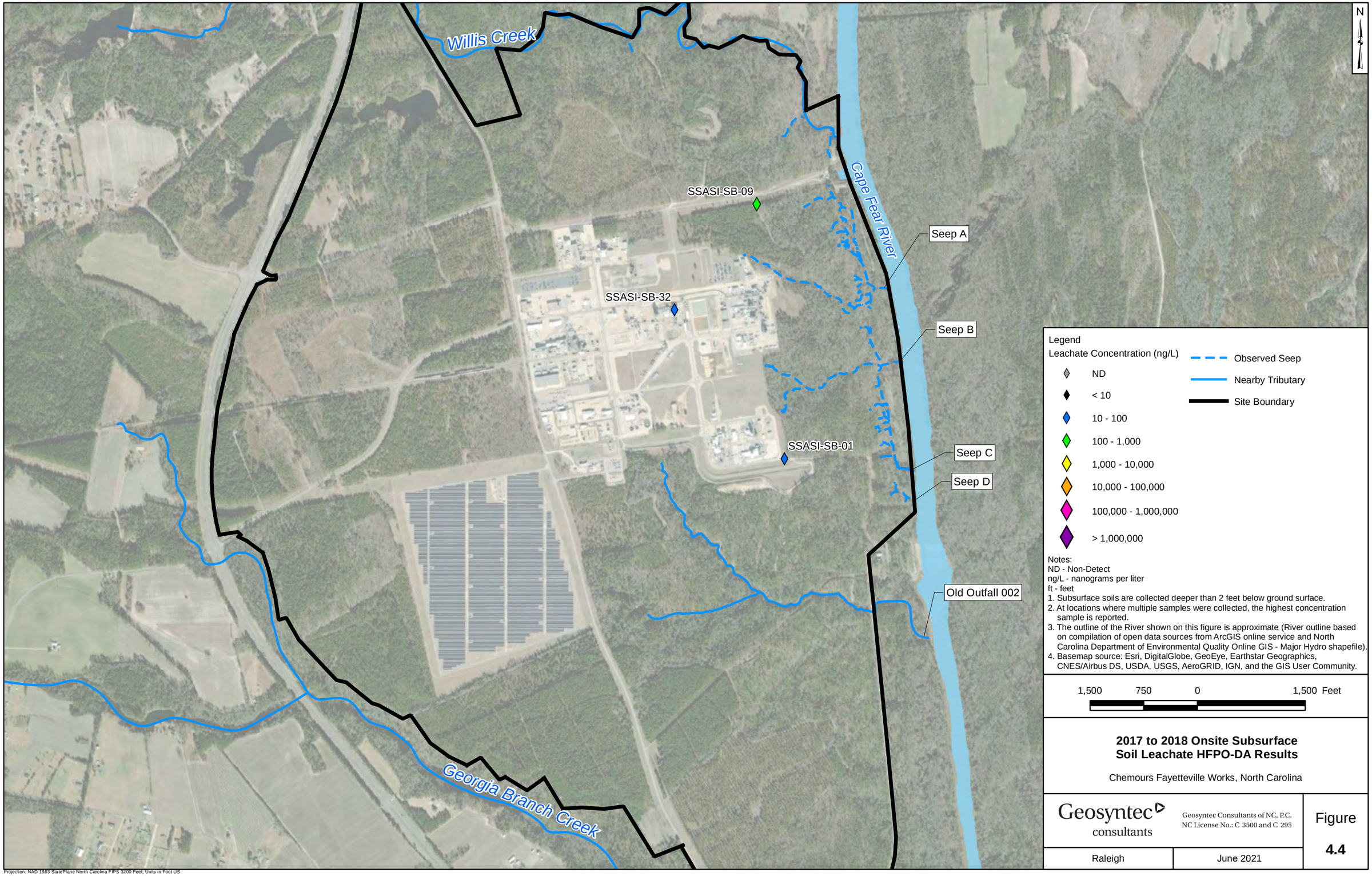
Figure **4.3**



Legend

Leachate Concentration (ng/L)

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

- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ND - Non-Detect
ng/L - nanograms per liter
ft - feet
1. Subsurface soils are collected deeper than 2 feet below ground surface.
2. At locations where multiple samples were collected, the highest concentration sample is reported.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,500 750 0 1,500 Feet

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

2017 to 2018 Onsite Subsurface Soil Leachate HFPO-DA Results

Chemours Fayetteville Works, North Carolina

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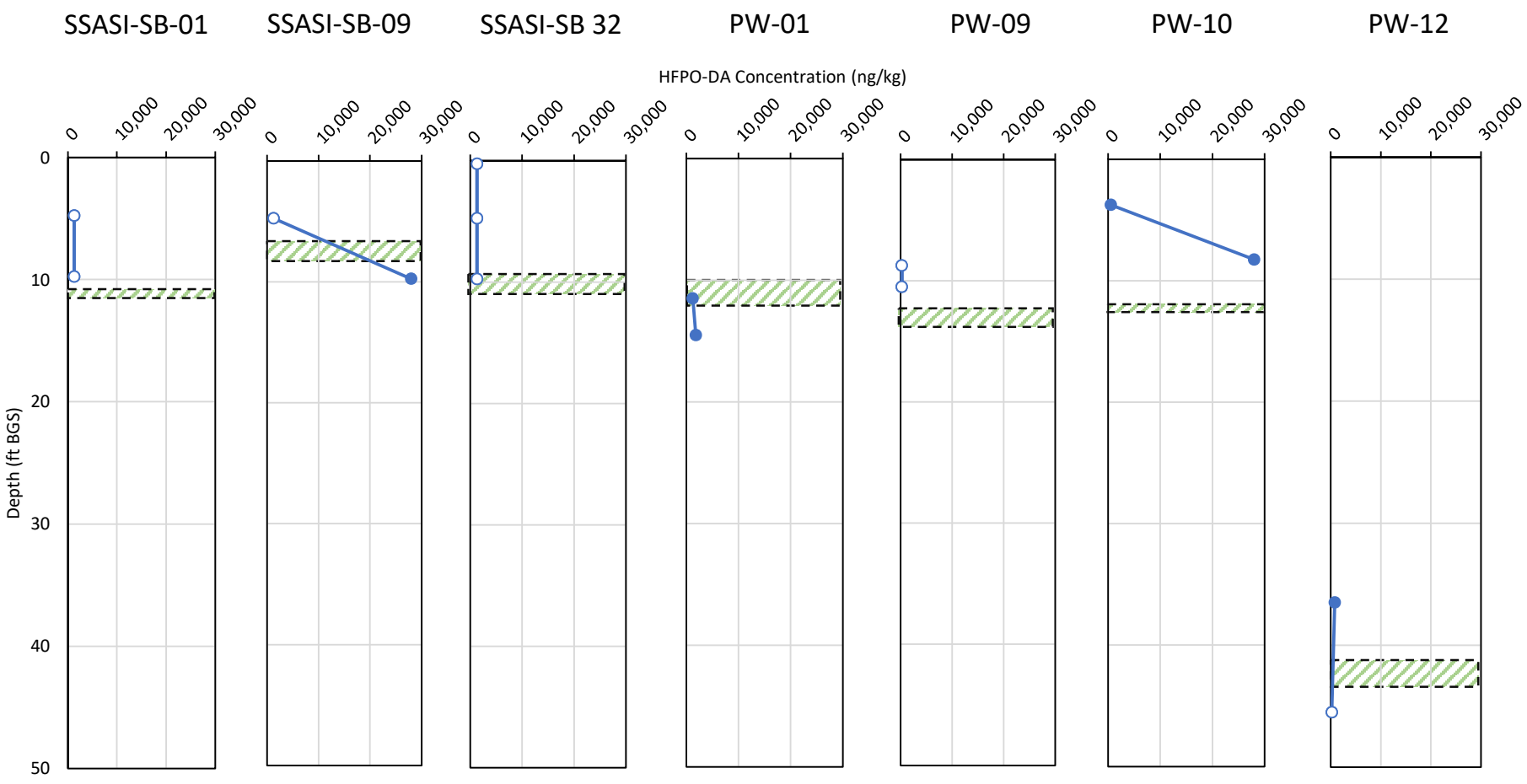
Figure **4.4**



Legend

- Detected Above the Associated Reporting Limit
- Not Detected Above the Associated Reporting Limit
- Range of 2020 Observed Water Levels

Notes

ft BGS - feet below ground surface
ng/L - nanograms per liter
HFPO-DA - Hexafluoropropylene oxide-dimer acid
Water levels were observed in monitoring wells that are screened in the shallowest water bearing unit where the soil sample was collected. Where no suitable monitoring wells existed near the soil samples, groundwater elevations were estimated based on equipotential lines. All water levels obtained from the Mass Loading Assessment reports from Q1 through Q4, 2020 (Geosyntec 2020d, 2020e, 2020f, 2021a)

Onsite Soil HFPO-DA Concentrations With Depth
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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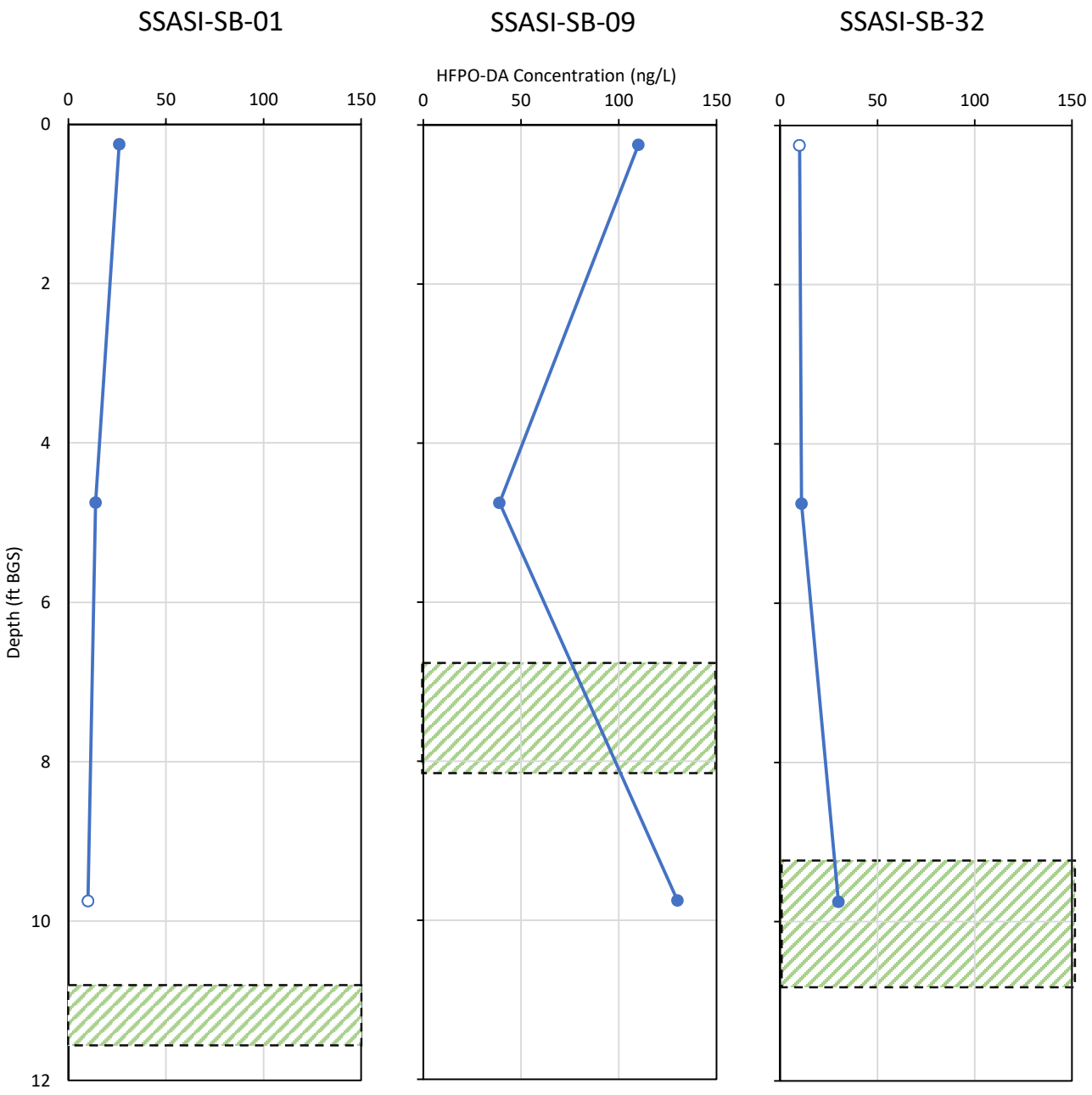
Figure 4.5



Legend

- Detected Above the Assoicated Reporting Limit
- Not Detected Above the Associated Reporting Limit
- Range of 2020 Observed Water Levels

Notes

ft BGS - feet below ground surface
ng/L - nanograms per liter
HFPO-DA - Hexafluoropropylene oxide-dimer acid
Water levels were observed in monitoring wells that are screened in the shallowest water bearing unit where the soil sample was collected. Where no suitable monitoring wells existed near the soil samples, groundwater elevations were estimated based on equipotential lines. All water levels obtained from the Mass Loading Assessment reports from Q1 through Q4, 2020 (Geosyntec 2020d, 2020e, 2020f, 2021a)

Onsite Leachate HFPO-DA Concentrations With Depth
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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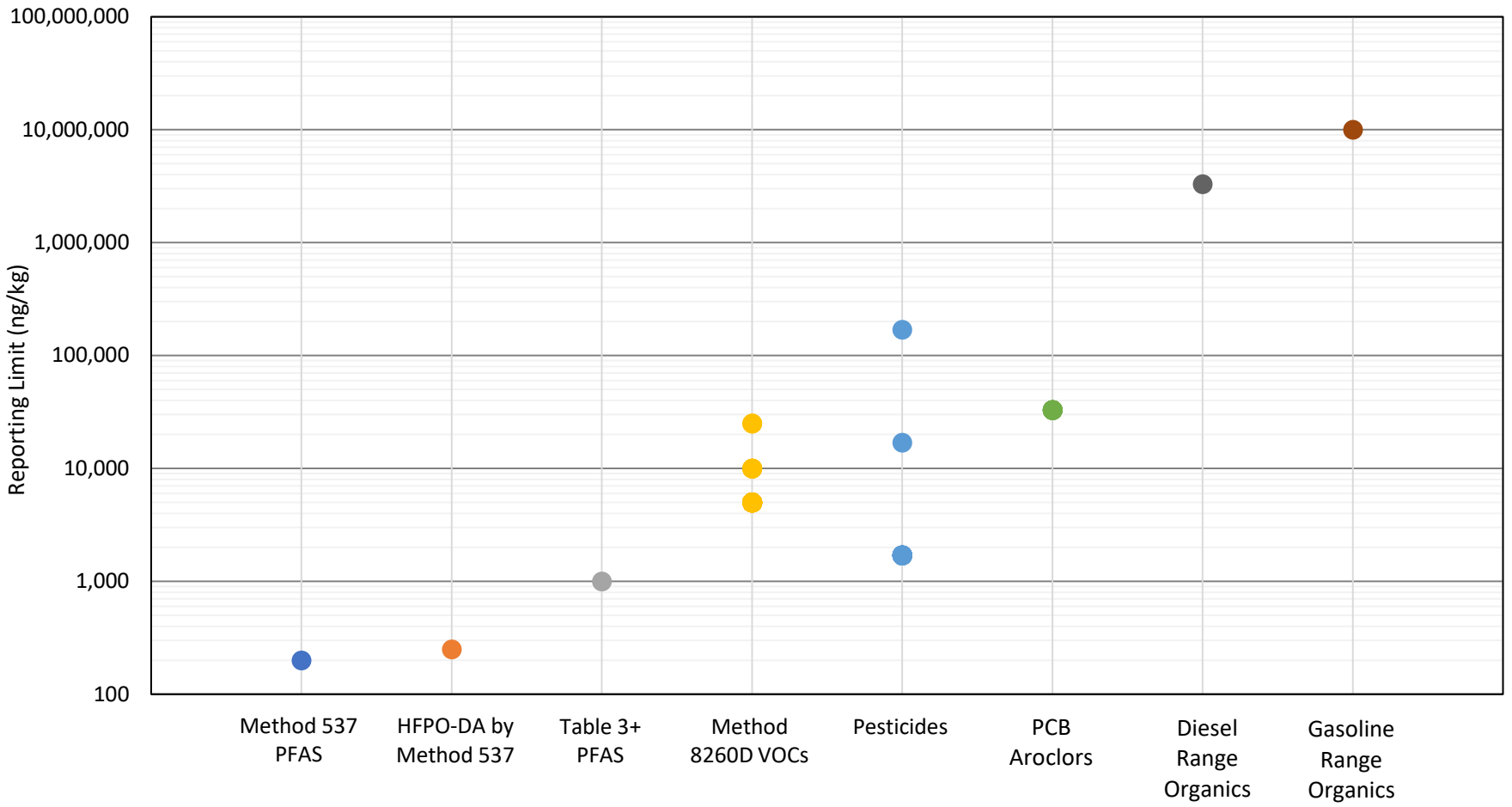
Raleigh | June 2021

Figure 4.6



Notes:
Reporting limits provided by Eurofins TestAmerica for analytes in soil

Abbreviations:
PCB - Polychlorinated biphenyls
PFAS - Per- and polyfluoroalkyl substances
VOCs - Volatile Organic Compounds
HFPO-DA - Hexafluoropropylene oxide dimer acid
ng/kg - Nanogram per Kilogram

TestAmerica Soil Reporting Limits
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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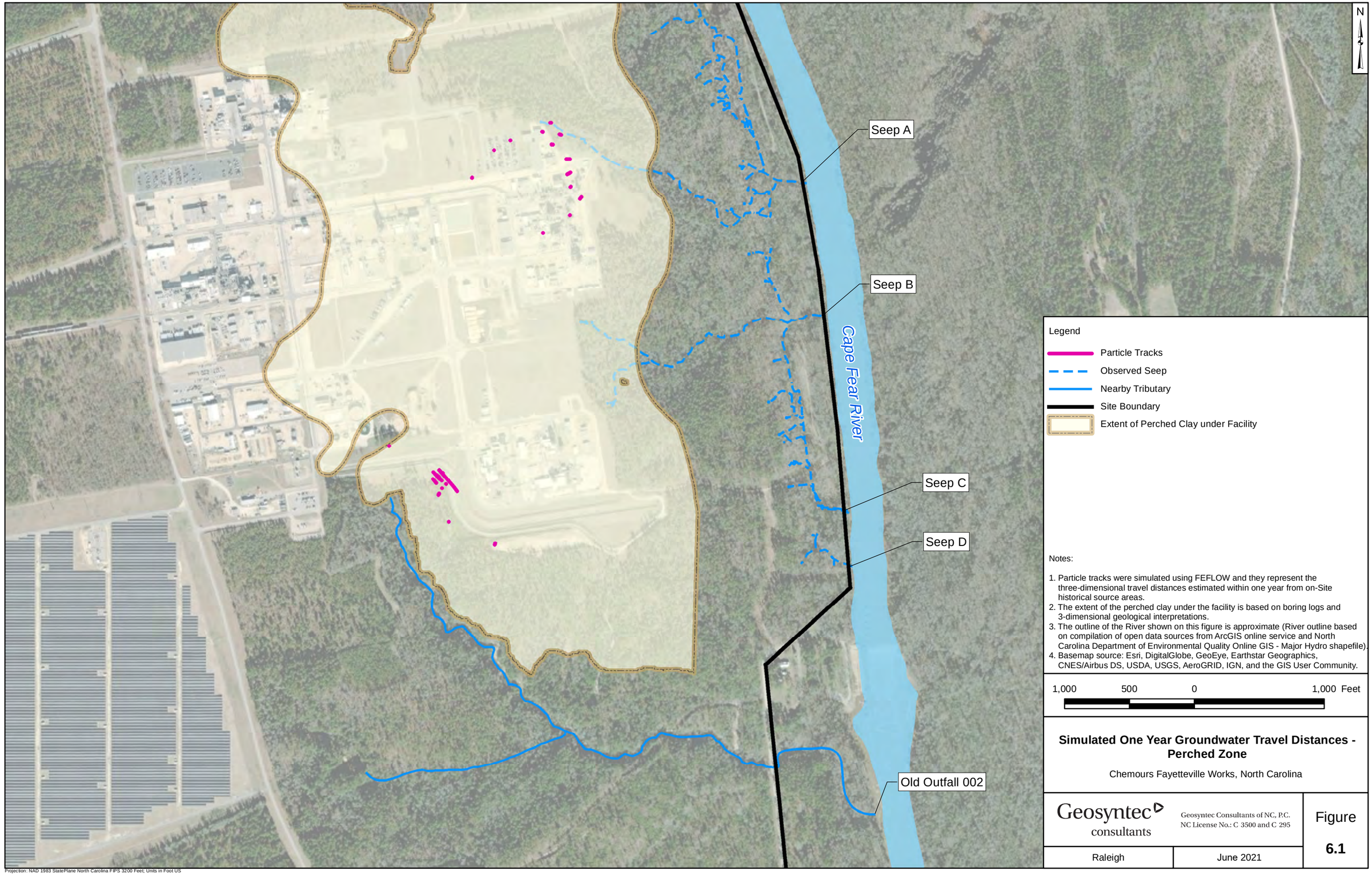
Figure 4.7



Legend

- Particle Tracks
- Observed Seep
- Nearby Tributary
- Site Boundary
- Extent of Perched Clay under Facility

Notes:

1. Particle tracks were simulated using FEFLOW and they represent the three-dimensional travel distances estimated within one year from on-Site historical source areas.
2. The extent of the perched clay under the facility is based on boring logs and 3-dimensional geological interpretations.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Simulated One Year Groundwater Travel Distances - Perched Zone

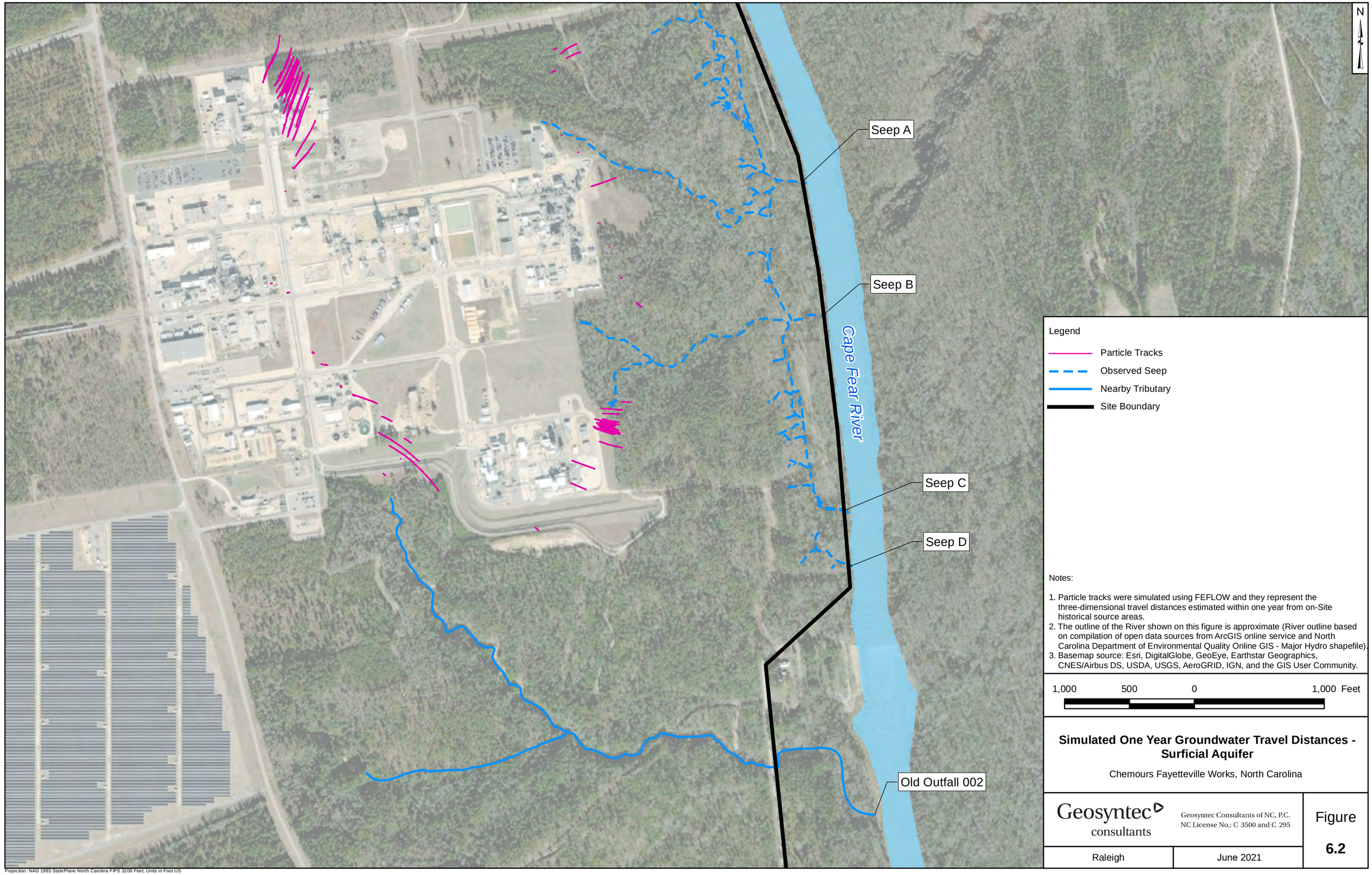
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Figure 6.1

Raleigh | June 2021



Legend

- Particle Tracks
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:

1. Particle tracks were simulated using FEFLOW and they represent the three-dimensional travel distances estimated within one year from on-Site historical source areas.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Simulated One Year Groundwater Travel Distances - Surficial Aquifer

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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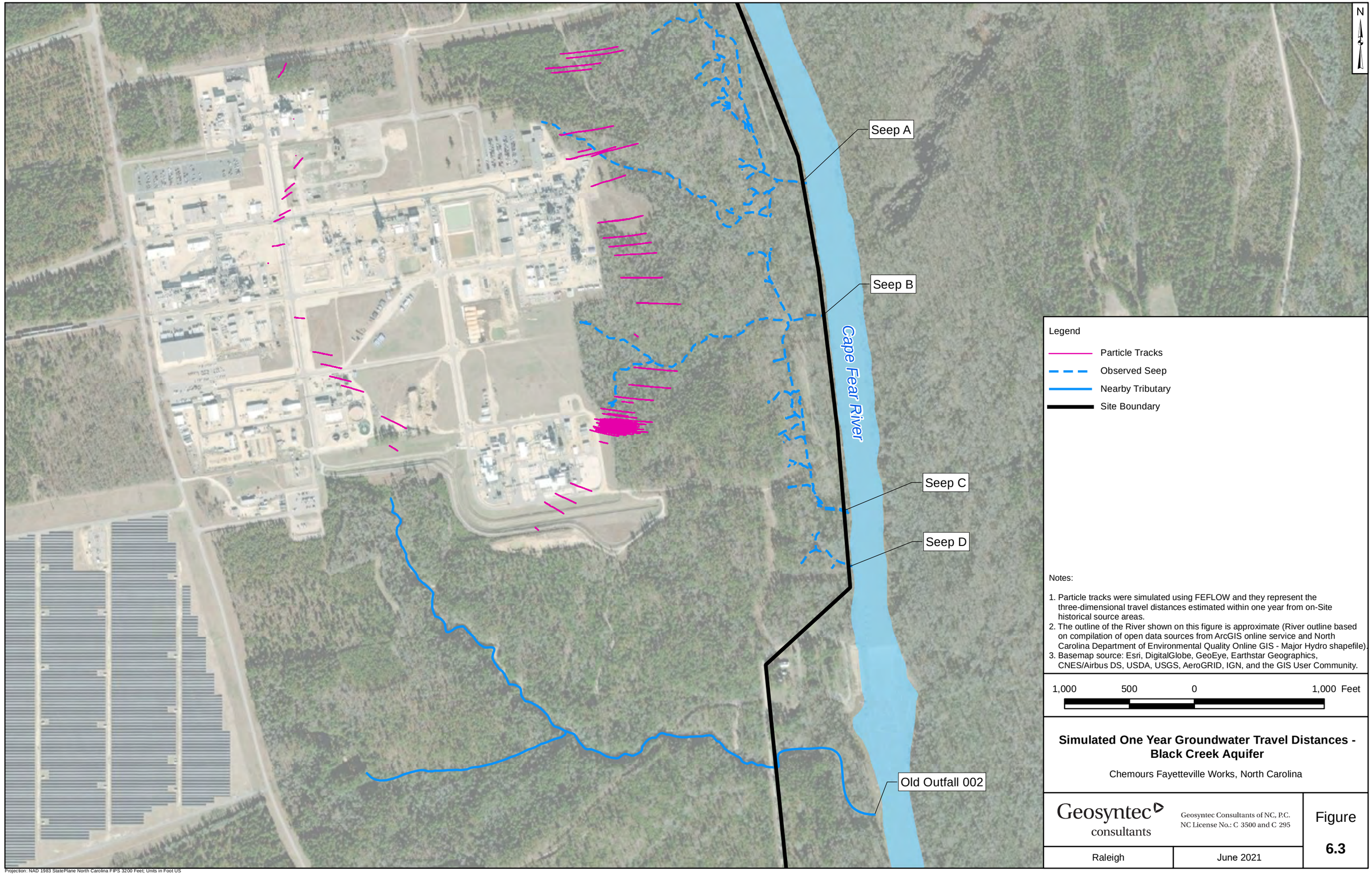
Figure **6.2**



Legend

- Particle Tracks
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:

1. Particle tracks were simulated using FEFLOW and they represent the three-dimensional travel distances estimated within one year from on-Site historical source areas.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Simulated One Year Groundwater Travel Distances - Black Creek Aquifer

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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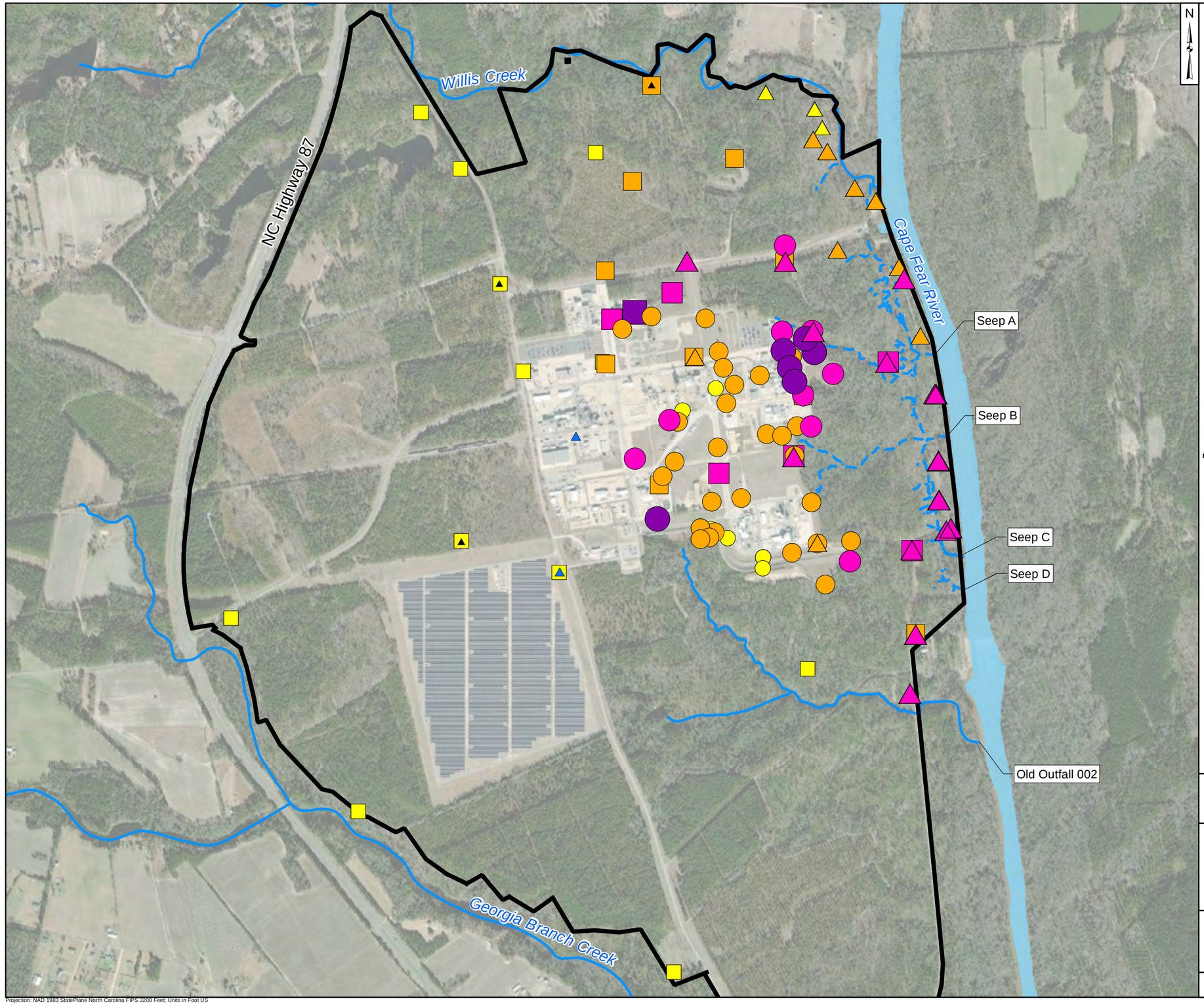
Figure **6.3**



Legend

Concentration (ng/L)

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

Well Type

- Black Creek/Floodplain Deposits
- Perched Zone
- Surficial Aquifer
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter

1. Results are for samples collected during Q3 2020 except for wells that were inaccessible or not yet installed in Q3 2020. These wells were sampled in Q4 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Total table 3+ concentration includes HFPO-DA and does not include R-PSDA, Hydrolyzed PSDA, and R-EVE.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Total Table 3+ (17 Compounds) Concentrations in Onsite Groundwater - 2020

Chemours Fayetteville Works, North Carolina

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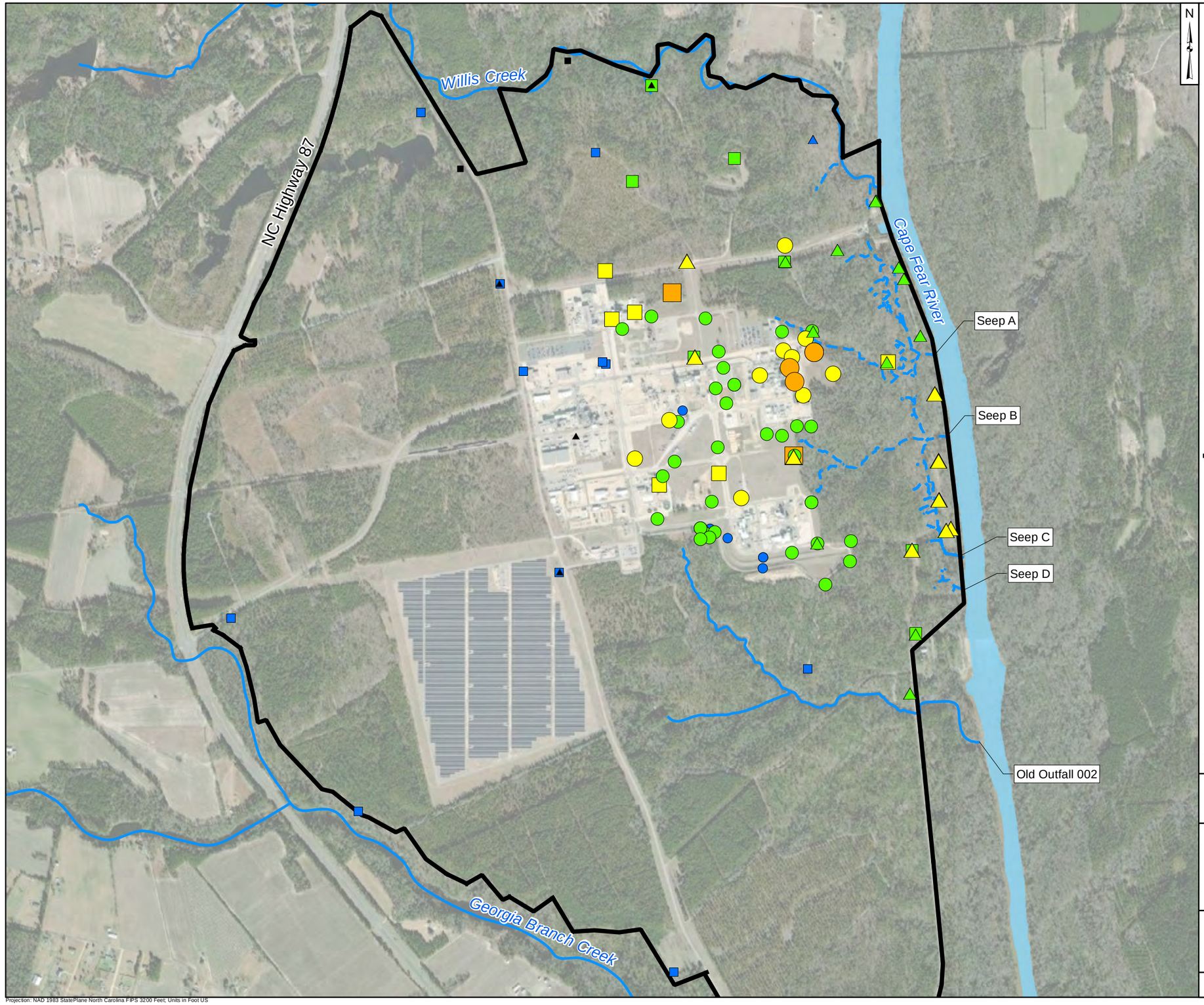
Figure 6.4



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

Legend

Concentration (ng/L)

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

Well Type

- Black Creek/Floodplain Deposits
- Perched Zone
- Surficial Aquifer

- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
PFCAs - perfluorocarboxylic acids

1. Results are for samples collected during Q3 2020 except for wells that were inaccessible or not yet installed in Q3 2020. These wells were sampled in Q4 2020.
2. Total PFCA concentration includes PFCAs under Method 537, listed in Table 1.5.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Total PFCAs Concentrations in Onsite Groundwater - 2020

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

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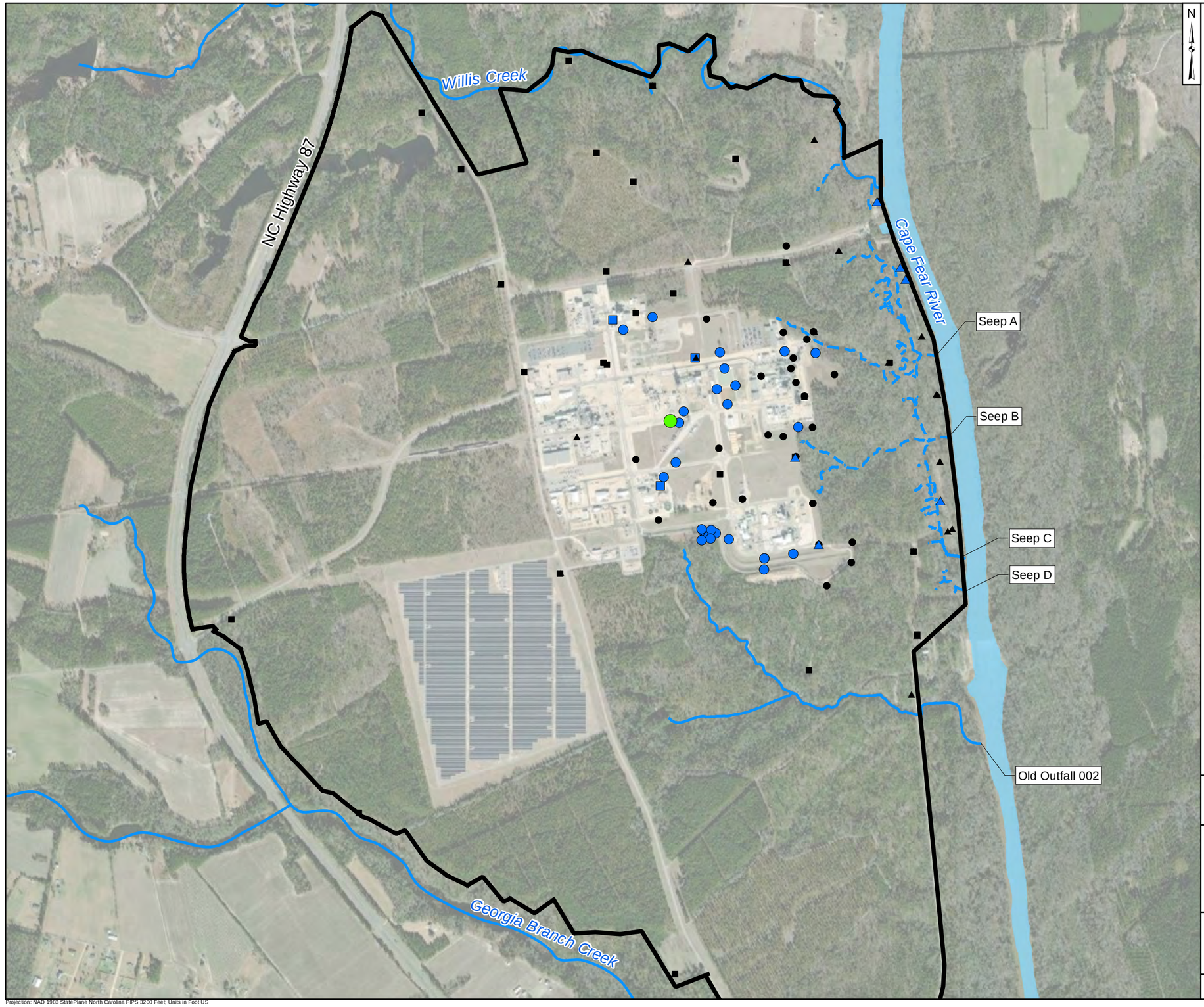
Figure 6.5



Legend

Concentration (ng/L)

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

Well Type

- Black Creek/Floodplain Deposits
- Perched Zone
- Surficial Aquifer
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
PFSAs - perfluorosulfonic acids

1. Results are for samples collected during Q3 2020 except for wells that were inaccessible or not yet installed in Q3 2020. These wells were sampled in Q4 2020.
2. Total PFSA concentration includes PFSAs under Method 537, listed in Table 1.5.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Total PFSAs Concentrations in Onsite Groundwater - 2020

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Geosyntec Consultants of NC, P.C.
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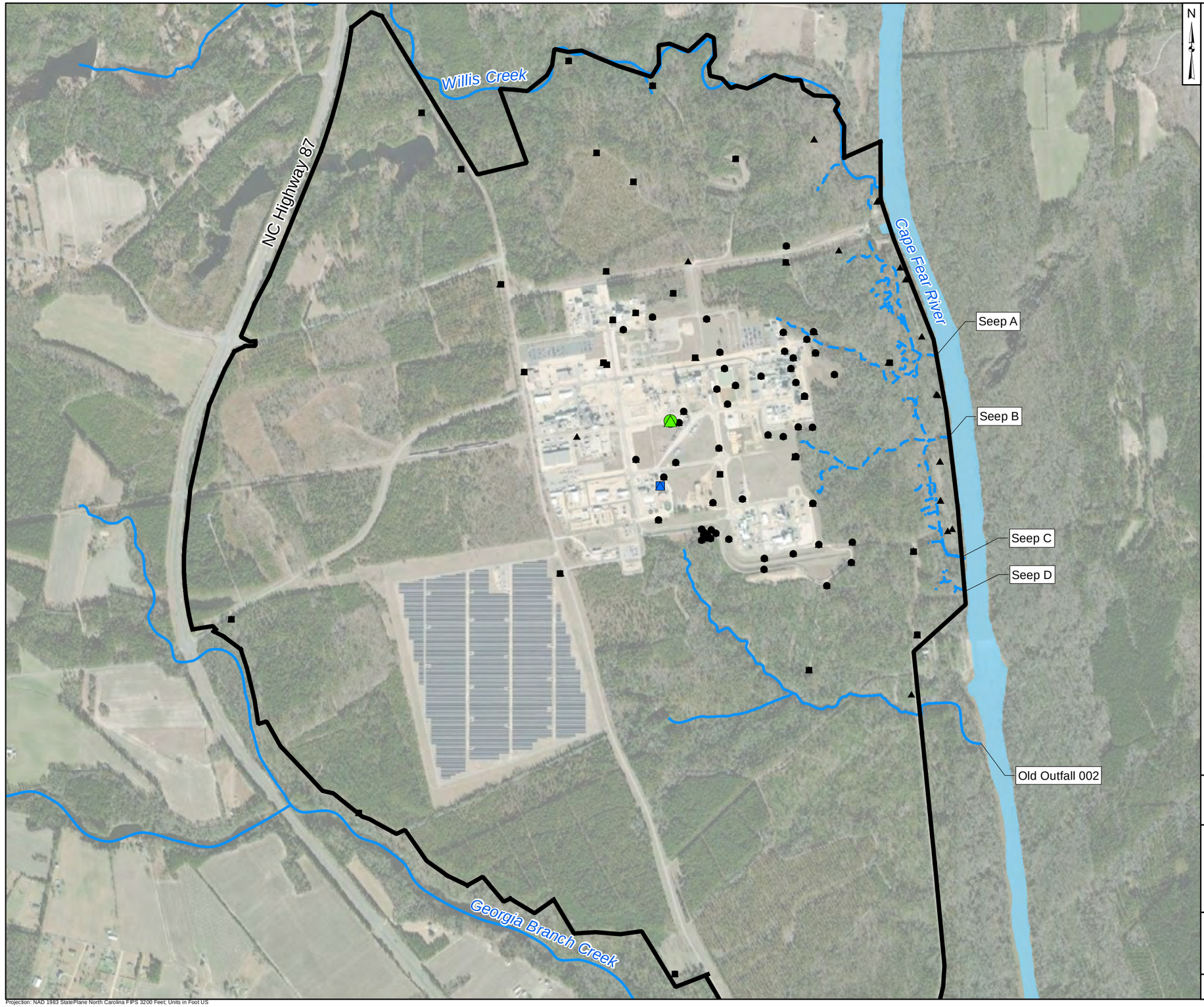
Figure 6.6

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



Legend

Concentration (ng/L)

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

Well Type

- Black Creek/Floodplain Deposits
- Perched Zone
- Surficial Aquifer
- Observed Seep
- Nearby Tributary
- Site Boundary

Notes:
ng/L - nanograms per liter
PFAS - per- and polyfluoroalkyl substances
PFCAs - perfluorocarboxylic acids
PFSAs - perfluorosulfonic acids

1. Results are for samples collected during Q3 2020 except for wells that were inaccessible or not yet installed in Q3 2020. These wells were sampled in Q4 2020.
2. Total other PFAS concentration includes Method 537 PFAS that are not PFCAs and PFSAs, listed in Table 1.5.
3. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Total Other PFAS Concentrations in Onsite Groundwater - 2020

Chemours Fayetteville Works, North Carolina

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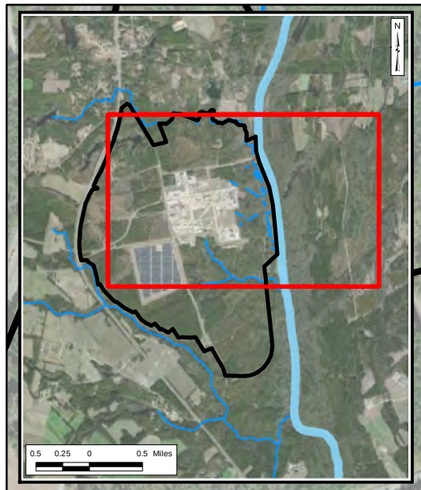
Figure 6.7



WP12: SMW-11 (S) / PW-09 (D)
2019-10-15
0.22
Willis Creek
WP16: PIW-1D (D) / PIW-1S (S)
10/15/2019
-0.014
WP13: MW-21D (S) / PW-12 (D)
WP3: SMW-04A (S) / SMW-04B (D)
10/15/2019
0.38
10/15/2019
0.064
WP11: PW-02 (S) / BCA-01 (D)
10/15/2019
0.36
10/15/2019
0.55
10/15/2019
0.49
WP4: SMW-05 (S) / SMW-05P (D)
WP2: SMW-06 (S) / SMW-06B (D)
WP1: NAF-11A (S) / NAF-11B (D)
WP10: PIW-5S (S) / PW-10R (D)
10/15/2019
1.1
10/15/2019
0.26
WP6: NAF-08A (S) / NAF-08B (D)
Cape Fear River
10/15/2019
1.1
WP5: MW-30 (S) / PW-03 (D)
WP15: PW-03 (S) / PW-14 (D)
WP18: PZ-22 (D) / LTW-04 (S)
10/15/2019
1.0
(WP5)
10/15/2019
0.19
(WP15)
10/15/2019
-0.069
WP17: PIW-7D (D) / PIW-7S (S)
10/15/2019
-0.0092
10/15/2019
3.5
WP19: MW-25 (S) / PZ-25 (S)
WP14: BCA-04 (D) / WP14: PW-05 (S)
10/15/2019
0.70
10/15/2019
0.46
WP8: PIW-9S (S) / PIW-9D (D)
10/15/2019
-0.010
WP7: MW-23 (S) / BCA-02 (D)
WP9: PIW-10DR (D) / PIW-10S (S)
10/15/2019
-0.083
WP20: Old Outfall-002 (S) / PW-11 (D)
10/15/2019
0.037

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

N

Legend

- Black Creek Aquifer
- Floodplain Deposits
- Perched Aquifer; Perched Zone
- Surficial Aquifer
- Negative Vertical Gradients
- Positive Vertical Gradients
- Nearby Tributary
- Site Boundary

Notes:
1. Positive vertical gradients (i.e. potential for downward flow) are colored in green. Negative vertical gradients (i.e. potential for upward flow) are colored in red.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. WP corresponds to well Pair IDs listed in Table 7.1.
4. (s) and (d) refers to shallow and deep well of well pair.
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

Calculated Vertical Gradients Between Selected Stratigraphic Units

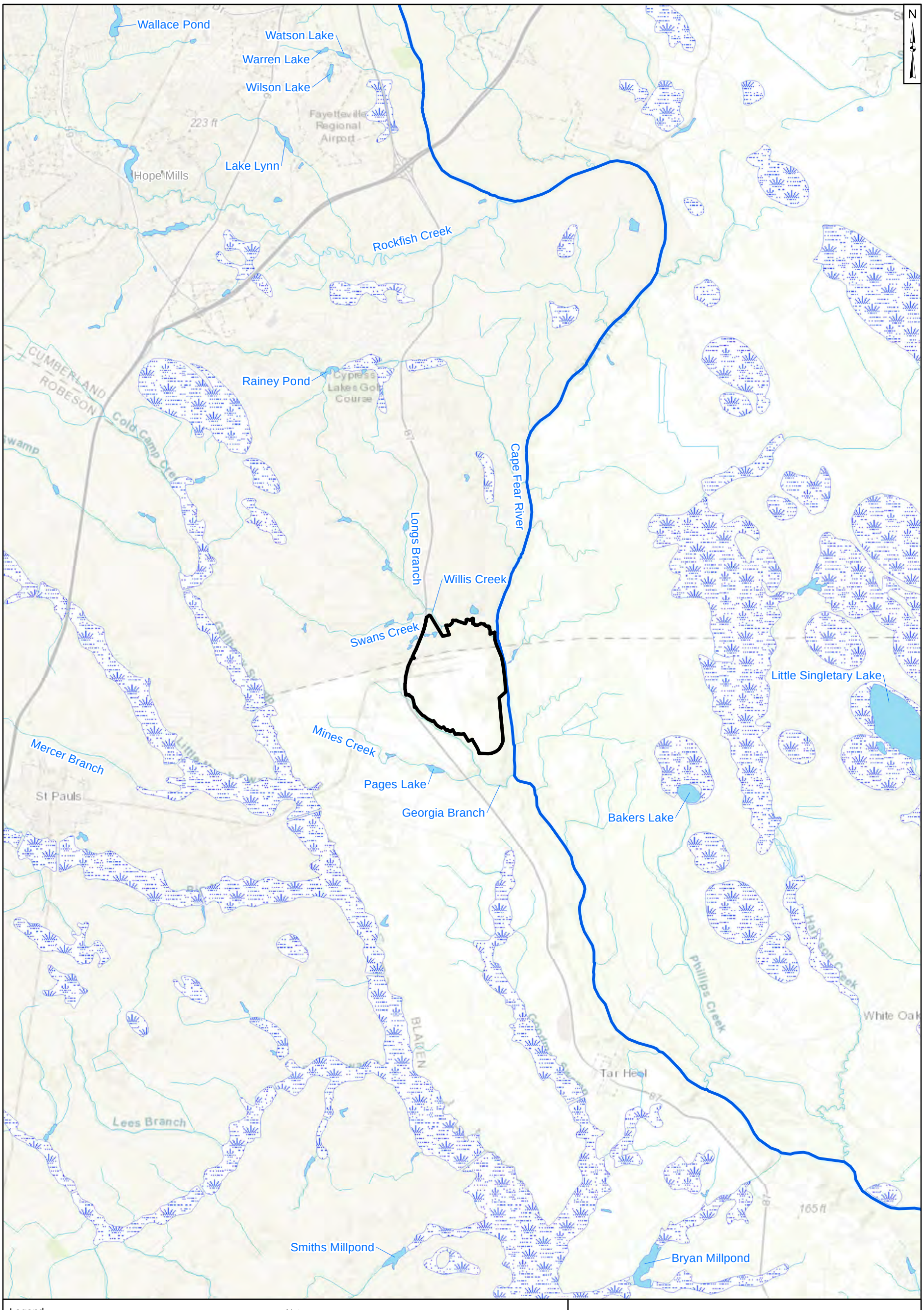
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | June 2021

Figure 7.1



Legend

- Lake/Pond
- Wetland
- Stream/River
- Site Boundary

Notes:

1. Surface water layers obtained from National Hydrography Dataset - USGS (www.nhd.usgs.gov)
2. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

2 1 0 2 Miles

Surface Water Bodies in Region Around Site

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

Geosyntec Consultants of NC, P.C.
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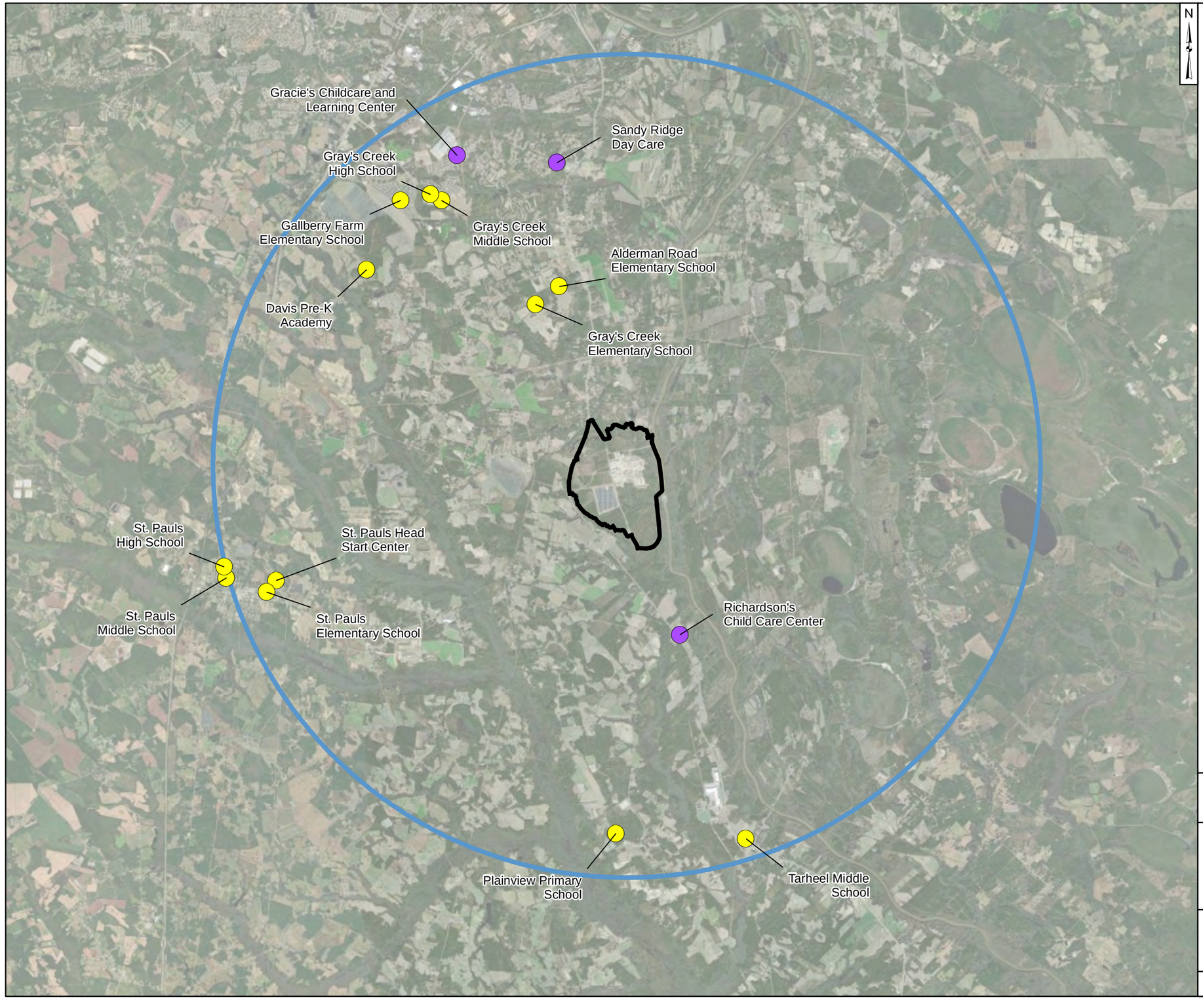
Figure **7.2**

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



N

Legend

- Daycare
- School
- 10-Mile Radius
- Site Boundary

Notes:
1. Sensitive receptor search yielded no results for hospitals, elderly housing, or convalescent facilities in the designated areas shown.
5. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

2 1 0 2 Miles

Potentially Sensitive Receptor Locations within 10 Miles of Site

Chemours Fayetteville Works, North Carolina

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Figure 7.3

Tables

TABLE 1.1
PROCESSES IN AREAS WITH ACTIVE YEARS
AND POTENTIAL ASSOCIATED TABLE 3+ COMPOUNDS
Chemours Fayetteville Works, North Carolina

Area	Years Active	HFPO-DA	PEPA	PFECA-G	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PMPA	Hydro-EVE Acid	EVE Acid	PFECA B	R-EVE	PFO5DA	R-PSDA	Hydrolyzed PSDA	R-PSDCA	NVHOS	PES	PS Acid	Hydro-PS Acid	MTP	PFPrA[1]	MMF acid	DFSA
Monomers IXM	1979 to Present	●	●		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
PPA	2002 to Present	●																							
PMDF	2000 to 2009	●																							

Notes:
● - Table 3+ Compound Associated with manufacturing process
1. PFPrA is formerly known as PPF Acid

TABLE 1.2
DEFINITIONS AND CHEMICAL FORMULAS
FOR PFAS AND RELATED CHEMICALS
Chemours Fayetteville Works, North Carolina

Acronym	Definition	Chemical Formula	CASRN
DFSA	Difluorosulfoacetic acid	$HOC(O)CF_2SO_3H$	422-67-3
EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethenyl)oxy]propan-2-yl}oxy)propionic acid	$CF_2=CFOCF_2CF(CF_3)OCF_2CF_2C(O)OH$	69087-46-3
HFPO-DA	Hexafluoropropylene oxide dimer acid	$CF_3CF_2CF_2OCF(CF_3)C(O)OH$	13252-13-6
Hydro-EVE Acid	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2,2-tetrafluoroethyl)oxy]propan-2-yl}oxy)propionic acid	$CF_3CHFOCF_2CF(CF_3)OCF_2CF_2C(O)OH$	773804-62-9
Hydrolyzed PSDA	Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-	$HOC(O)CHFOCF_2CF(CF_3)OCF_2CF_2SO_3H$	2416366-19-1
Hydro-PS Acid	Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro-	$CF_3CHFOCF_2CF(CF_3)OCF_2CF_2SO_3H$	749836-20-2
IXM	Ion Exchange Membrane	N/A	N/A
MMF acid	Difluoromalonic acid	$HOC(O)CF_2C(O)OH$	1514-85-8
MTP	3-methoxy-2,2,3,3-tetrafluoropropanoic acid	$CH_3OCF_2CF_2C(O)OH$	93449-21-9
NVHOS	1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetafluoroethane	$CF_3CHFOCF_2CF_2SO_3H$	801209-99-4
PEPA	Perfluoro-2-ethoxypropionic acid	$CF_3CF_2OCF(CF_3)C(O)OH$	267239-61-2
PES	Perfluoro-2-ethoxyethanesulfonic acid	$CF_3CF_2OCF_2CF_2SO_3H$	113507-82-7
PFECA B	Perfluoro-3,6-dioxaheptanoic acid	$CF_3OCF_2CF_2OCF_2C(O)OH$	151772-58-6
PFECA-G	Perfluoro-4-isopropoxybutanoic acid	$CF_3CF(CF_3)OCF_2CF_2CF_2C(O)OH$	801212-59-9
PFMOAA	Perfluoro-2-methoxyacetic acid	$CF_3OCF_2C(O)OH$	674-13-5
PFO2HxA	Perfluoro-3,5-dioxahexanoic acid	$CF_3OCF_2OCF_2C(O)OH$	39492-88-1
PFO3OA	Perfluoro-3,5,7-trioxaoctanoic acid	$CF_3OCF_2OCF_2OCF_2C(O)OH$	39492-89-2
PFO4DA	Perfluoro-3,5,7,9-tetraoxadecanoic acid	$CF_3OCF_2OCF_2OCF_2OCF_2C(O)OH$	39492-90-5
PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	$CF_3OCF_2OCF_2OCF_2OCF_2OCF_2C(O)OH$	39492-91-6
PMPA	Perfluoro-2-methoxypropionic acid	$CF_3OCF(CF_3)C(O)OH$	13140-29-9
PFPrA	Perfluoropropionic acid (formerly known as PPF Acid)	$CF_3CF_2C(O)OH$	422-64-0
PS Acid	Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro-	$CF_2=CFOCF_2CF(CF_3)OCF_2CF_2SO_3H$	29311-67-9
R-EVE	Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-	$HOC(O)CF_2CF_2CF(CF_3)OCF_2CF_2C(O)OH$	2416366-22-6
R-PSDA	Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-	$HOC(O)CF_2CF_2CF(CF_3)OCF_2CF_2SO_3H$	2416366-18-0
R-PSDCA	Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]-	$CHF_2CF_2CF(CF_3)OCF_2CF_2SO_3H$	2416366-21-5

Notes:

CASRN - Chemical Abstract Service Registry Number

N/A - Not Applicable. Chemical formulas are excluded for polymers.

TABLE 1.3
PROCESSES IN AREAS WITH ACTIVE YEARS
AND METHODS OF HANDLING PROCESS WATER
Chemours Fayetteville Works, North Carolina

Area	Years Active	Process Water Handling Prior 2017	Process Water Handling Since 2017 for Processes that Remain Active
Monomers IXM	1979 to Present	Barricade Scrubber - Offsite Incineration; Other - Site WWTP	Offsite Disposal
PPA	2002 to Present	Offsite Incineration	Offsite Incineration
PMDF	2000 to 2009	Site WWTP	--

Notes:
WWTP - Wastewater Treatment Plant

TABLE 1.4
PFAS ANALYTES
Chemours Fayetteville Works, North Carolina

Common Name	PFAS Grouping					Chemical Name	CASRN	Chemical Formula
	Attachment C	Table 3	Table 3+ (17 compounds)	Table 3+ (20 compounds)	Method 537 Mod.			
HFPO-DA[1]	✓	✓	✓	✓	Table 3+	Hexafluoropropylene oxide dimer acid	13252-13-6	C6HF11O3
PEPA	✓	✓	✓	✓	--	Perfluoro-2-ethoxypropionic acid	267239-61-2	C5HF9O3
PFECA-G	✓	✓	✓	✓	--	Perfluoro-4-isopropoxybutanoic acid	801212-59-9	C12H9F9O3S
PFMOAA	✓	✓	✓	✓	--	Perfluoro-2-methoxyacetic acid	674-13-5	C3HF5O3
PFO2HxA	✓	✓	✓	✓	--	Perfluoro-3,5-dioxahexanoic acid	39492-88-1	C4HF7O4
PFO3OA	✓	✓	✓	✓	--	Perfluoro-3,5,7-trioxaoctanoic acid	39492-89-2	C5HF9O5
PFO4DA	✓	✓	✓	✓	--	Perfluoro-3,5,7,9-tetraoxadecanoic acid	39492-90-5	C6HF11O6
PMPA	✓	✓	✓	✓	--	Perfluoro-2-methoxypropionic acid	13140-29-9	C4HF7O3
Hydro-EVE Acid	--	--	✓	✓	--	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2,2-tetrafluoroethyl)oxy]propan-2-yl}oxy)propionic acid	773804-62-9	C8H2F14O4
EVE Acid	--	--	✓	✓	--	2,2,3,3-tetrafluoro-3-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethenyl)oxy]propan-2-yl}oxy)propionic acid	69087-46-3	C8HF13O4
PFECA B	--	--	✓	✓	--	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	C5HF9O4
R-EVE	--	--	--	✓	--	Pentanoic acid, 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-	2416366-22-6	C8H2F12O5
PFO5DA	✓	✓	✓	✓	--	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	C7HF13O7
R-PSDA	--	--	--	✓	--	Pentanoic acid, 2,2,3,3,4,5,5,5-octafluoro-4-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-	2416366-18-0	C7H2F12O6S
R-PSDCA	--	--	✓	✓	--	Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]-	2416366-21-5	C6H2F12O4S
Hydrolyzed PSDA	--	--	--	✓	--	Acetic acid, 2-fluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]-	2416366-19-1	C7H3F11O7S
NVHOS	--	--	✓	✓	--	1,1,2,2,4,5,5,5-heptafluoro-3-oxapentanesulfonic acid; or 2-(1,2,2,2-ethoxy)tetrafluoroethanesulfonic acid; or 1-(1,1,2,2-tetrafluoro-2-sulfoethoxy)-1,2,2,2-tetafluoroethane	801209-99-4	C4H2F8O4S
PES	--	--	✓	✓	--	Perfluoro-2-ethoxyethanesulfonic acid	113507-82-7	C4HF9O4S
PS Acid	✓	✓	✓	✓	--	Ethanesulfonic acid, 2-[1-[difluoro[(1,2,2-trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro-	29311-67-9	C7HF13O5S
Hydro-PS Acid	✓	✓	✓	✓	--	Ethanesulfonic acid, 2-[1-[difluoro(1,2,2,2-tetrafluoroethoxy)methyl]-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro-	749836-20-2	C7H2F14O5S
PFHpA[1]	✓	--	--	--	PFCA	Perfluoroheptanoic acid	375-85-9	C7HF13O2

TABLE 1.4
PFAS ANALYTES
Chemours Fayetteville Works, North Carolina

Common Name	PFAS Grouping					Chemical Name	CASRN	Chemical Formula
	Attachment C	Table 3	Table 3+ (17 compounds)	Table 3+ (20 compounds)	Method 537 Mod.			
PFBA	--	--	--	--	PFCA	Perfluorobutanoic acid	375-22-4	C4HF7O2
PFPeA	--	--	--	--	PFCA	Perfluoropentanoic acid	2706-90-3	C5HF9O2
PFHxA	--	--	--	--	PFCA	Perfluorohexanoic acid	307-24-4	C6HF11O2
PFOA	--	--	--	--	PFCA	Perfluorooctanoic acid	335-67-1	C8HF15O
PFNA	--	--	--	--	PFCA	Perfluorononanoic acid	375-95-1	C9HF17O2
PFDA	--	--	--	--	PFCA	Perfluorodecanoic acid	335-76-2	C10HF19O2
PFUnA	--	--	--	--	PFCA	Perfluoroundecanoic acid	2058-94-8	C11HF21O2
PFDoA	--	--	--	--	PFCA	Perfluorododecanoic acid	307-55-1	C12HF23O2
PFTriA	--	--	--	--	PFCA	Perfluorotridecanoic acid	72629-94-8	C13HF25O2
PFTeA	--	--	--	--	PFCA	Perfluorotetradecanoic acid	376-06-7	C14HF27O2
PFHxDA	--	--	--	--	PFCA	Perfluorohexadecanoic acid	67905-19-5	C16HF31O2
PFODA	--	--	--	--	PFCA	Perfluorooctadecanoic acid	16517-11-6	C18HF35O2
PFBS	--	--	--	--	PFSA	Perfluorobutanesulfonic acid	375-73-5	C4HF9SO
PFPeS	--	--	--	--	PFSA	Perfluoropentanesulfonic acid	2706-91-4	C5HF11O3S
PFHxS	--	--	--	--	PFSA	Perfluorohexanesulfonic acid	355-46-4	C6HF13SO3
PFHpS	--	--	--	--	PFSA	Perfluoroheptanesulfonic acid	375-92-8	C7HF15O3S
PFOS	--	--	--	--	PFSA	Perfluorooctanesulfonic acid	1763-23-1	C8HF17SO3
PFNS	--	--	--	--	PFSA	Perfluorononanesulfonic acid	68259-12-1	C9HF19O3S
PFDS	--	--	--	--	PFSA	Perfluorodecanesulfonic acid	335-77-3	C10HF21O3S
PFDoDS	--	--	--	--	PFSA	Perfluorododecanesulfonic acid	79780-39-5	C12HF25O3S

TABLE 1.4
PFAS ANALYTES
Chemours Fayetteville Works, North Carolina

Common Name	PFAS Grouping					Chemical Name	CASRN	Chemical Formula
	Attachment C	Table 3	Table 3+ (17 compounds)	Table 3+ (20 compounds)	Method 537 Mod.			
4:2 FTS	--	--	--	--	Other	4:2 Fluorotelomer sulfonic acid	757124-72-4	C6H5F9O3S
6:2 FTS	--	--	--	--	Other	6:2 Fluorotelomer sulfonic acid	27619-97-2	C8H5F13SO3
8:2 FTS	--	--	--	--	Other	8:2 Fluorotelomer sulfonic acid	39108-34-4	C10H5F17O3S
10:2 FTS	--	--	--	--	Other	10:2 Fluorotelomer sulfonic acid	120226-60-0	C12H5F21O3
NEtFOSAA	--	--	--	--	Other	N-ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6	C12H8F17NO4S
NEtPFOSA	--	--	--	--	Other	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	C10H6F17NO2S
NEtPFOSAE	--	--	--	--	Other	N-ethyl perfluorooctane sulphonamidoethanol	1691-99-2	C12H10F17NO3S
NMeFOSAA	--	--	--	--	Other	N-methyl perfluorooctane sulfonamidoacetic acid	2355-31-9	C11H6F17NO4S
NMePFOSA	--	--	--	--	Other	N-methyl perfluoro-1-octanesulfonamide	31506-32-8	C9H4F17NO2S
NMePFOSAE	--	--	--	--	Other	N-methyl perfluorooctane sulfonamidoethanol	24448-09-7	C11H8F17NO3S
PFOSA	--	--	--	--	Other	Perfluorooctane sulfonamide	754-91-6	C8H2F17NO2S
F-53B Major	--	--	--	--	Other	Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid)	756426-58-1	C8HClF16O4S
F-53B Minor	--	--	--	--	Other	Perfluoro(2-((8-chlorooctyl)oxy)ethanesulfonic acid)	763051-92-9	C10HClF20O4S
DONA	--	--	--	--	Other	2,2,3-Trifluoro-3-(1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy)propanoic acid	919005-14-4	C7H2F12O4

Notes:
1 - HFPO-DA and PFHpA can be analyzed under methods Table 3+ SOP and EPA Method 537 Mod.
CASRN - Chemical Abstract Service Registry Number
EPA - Environmental Protection Agency
PFAS - Per- and Polyfluoroalkyl substances
PFCA - Perfluoroalkylcaboxylic acid
PFSA - Perfluoroalkanesulfonic acid
SOP - Standard Operating Procedure

TABLE 2.1
WELL CONSTRUCTION DETAILS
Chemours Fayetteville Works, North Carolina

Area	Well ID	Northing (ft, NAD83)	Easting (ft, NAD83)	Installation Date	Casing Construction	Casing Diameter (in)	Well Casing Depth (ft)	Screened Interval (ft)	Filter Pack Interval (ft)	Bentonite Seal Interval (ft)	Grout Interval (ft)	Ground Elevation (ft, NAVD88)	TOC Elevation (ft, NAVD88)	Water Bearing Unit
Onsite	BCA-01	399779.96	2050662.48	11/20/2017	PVC	2	101	91 - 101	88 - 101	83 - 88	0 - 83	143.27	146.25	Black Creek Aquifer
Onsite	BCA-02	396242.02	2051062.07	11/16/2017	PVC	2	102	92 - 102	89 - 102	84 - 89	0 - 84	145.34	148.37	Black Creek Aquifer
Onsite	BCA-03	398317.46	2049544.08	11/15/2017	PVC	2	103	93 - 103	90 - 103	103 - 205	0 - 85	147.44	150.579	Black Creek Aquifer
Onsite	BCA-03R	398582.23	2049522.22	11/7/2018	PVC	2	98	88 - 98	85.1 - 98	98 - 108 / 82.5 - 85.1	0 - 82.5	148.15	150.82	Black Creek Aquifer
Onsite	BCA-04	395877.67	2047823.03	11/28/2017	PVC	2	104	94 - 104	91 - 104	84 - 91	0 - 84	147.29	150.31	Black Creek Aquifer
Onsite	DUPONT-1	397321.31	2048769.70	12/19/1968	STEEL	4	322	NA	NA	NA	NA	148.50	NA	Upper Cape Fear Aquifer
Onsite	DUPONT-2	398168.03	2048624.95	1/11/1969	STEEL	4	345	NA	NA	NA	NA	147.10	NA	Upper Cape Fear Aquifer
Onsite	DWR DUPONT STATION V 42V1	398553.02	2044718.59	4/5/2004	NA	6	133	115 - 125	NA	NA	NA	151.34	NA	Black Creek Aquifer
Onsite	DWR DUPONT STATION V 42V2	398553.02	2044718.59	3/30/2004	NA	6	35	20 - 30	NA	NA	NA	151.12	NA	Surficial Aquifer
Onsite	DWR DUPONT STATION V 42V3	398553.02	2044718.59	3/31/2004	NA	6	197	182 - 192	NA	NA	NA	151.11	NA	Black Creek Aquifer
Onsite	DWR DUPONT STATION V 42V4	398553.02	2044718.59	4/1/2004	NA	6	268	253 - 263	NA	NA	NA	151.10	NA	Upper Cape Fear Aquifer
Onsite	DWR DUPONT STATION V 42V5	398553.02	2044718.59	3/26/2004	NA	6	325	310 - 320	NA	NA	NA	150.92	NA	Upper Cape Fear Aquifer
Onsite	DWR DUPONT STATION V 42V6	398553.02	2044718.59	3/29/2004	NA	6	95	80 - 90	NA	NA	NA	150.78	NA	Surficial Aquifer
Onsite	EW-1	399934.65	2051297.51	7/24/2020	Sch 40 PVC	6	60	40 - 60	37 - 60	35 - 37	NA	91.86	91.33	Black Creek Aquifer
Onsite	EW-2	396164.48	2052232.61	8/14/2020	Sch 40 PVC	6	65	40 - 65	37 - 65	34 - 37	NA	77.77	77.25	Black Creek Aquifer
Onsite	EW-3	395059.78	2052214.66	8/11/2020	Sch 40 PVC	6	67	37 - 67	32 - 67	29 - 32	NA	76.66	76.48	Black Creek Aquifer
Onsite	EW-4	398581.51	2051805.58	7/30/2020	Sch 40 PVC	6	73	53 - 73	50 - 73	48 - 50	NA	81.13	80.64	Black Creek Aquifer
Onsite	EW-5	397200.16	2052052.65	10/14/2020	Sch 40 PVC	6	67	37 - 67	34 - 67	32 - 34	NA	78.28	78.5	Black Creek Aquifer
Onsite	FTA-01	397906.09	2049370.01	11/14/2002	PVC	2	22	12.0 - 22.0	10.0 - 22.0	8.0 - 10.0	0.0 - 8.0	146.73	149.6	Perched Zone
Onsite	FTA-02	397784.99	2049203.29	11/13/2002	PVC	2	22	11.5 - 22.0	9.5 - 22.0	7.5 - 22.0	0.0 - 7.5	146.28	149.3	Perched Zone
Onsite	FTA-03	397766.23	2049310.46	11/13/2002	PVC	2	22	12.0 - 22.0	10.0 - 22.0	8.0 - 10.0	0.0 - 8.0	146.95	150.1	Perched Zone
Onsite	INSITU-01	401657.39	2046078.99	12/13/2005	PVC	3/4	17	7.0 - 17.0	7.0 - 17.0	NA	0.0 - 7.0	86.89	89.12	Surficial Aquifer
Onsite	INSITU-02	401863.46	2049136.62	12/13/2005	PVC	3/4	17	7.0 - 17.0	7.0 - 17.0	NA	0.0 - 7.0	110.71	113.12	Surficial Aquifer
Onsite	LTW-01	399565.01	2052150.62	1/16/2006	PVC	2	26	11.0 - 26.0	9.0 - 26.0	6.0 - 9.0	0.0 - 6.0	50.40	52.71	Floodplain Deposits
Onsite	LTW-02	398847.57	2052355.48	1/16/2006	PVC	2	38	28.0 - 38.0	25.8 - 38.0	23.5 - 25.8	0.0 - 23.5	49.20	51.39	Black Creek Aquifer
Onsite	LTW-03	398114.45	2052558.35	1/5/2006	PVC	2	30	15.0 - 30.0	13.0 - 30.0	11.0 - 13.0	0.0 - 11.0	49.32	51.75	Floodplain Deposits
Onsite	LTW-04	397279.61	2052584.95	12/22/2005	PVC	2	27	12.0 - 27.0	9.5 - 27.0	7.5 - 9.5	0.0 - 7.5	48.25	50.66	Floodplain Deposits
Onsite	LTW-05	396430.31	2052740.40	12/21/2005	PVC	2	44	29.0 - 44.0	27.0 - 44.0	25.0 - 27.0	0.0 - 25.0	48.26	50.94	Black Creek Aquifer
Onsite	MW-1S	397080.69	2049117.99	2/28/1972	Stainless Steel	4	32.25	21.0 - 24.0	NA	NA	NA	148.00	148.88	Perched Zone
Onsite	MW-2S	396934.75	2049321.85	2/30/1972	Stainless Steel	4	29.25	19.0 - 23.0	NA	NA	NA	149.70	149.91	Perched Zone
Onsite	MW-4D	396703.73	2049933.69	NA	NA	2	NA	NA	NA	NA	NA	NM	146.74	P&A'd
Onsite	MW-5D	396546.87	2049554.72	4/30/1973	Stainless Steel	4	48.46	NA	NA	NA	NA	144.96	146.36	P&A'd
Onsite	MW-7S	397444.52	2049809.73	7/21/1983	Stainless Steel	2	15.64	NA	NA	NA	NA	NM	147.47	Perched Zone
Onsite	MW-8S	397096.48	2049867.77	7/23/1983	Stainless Steel	2	14.9	NA	NA	NA	NA	NM	146.48	Perched Zone
Onsite	MW-9S	396760.16	2049734.30	11/3/1983	PVC	2	22.5	17.5 - 22.5	15.0 - 22.5	14.0 - 15.0	0.0 - 14.0	151.77	154.39	Perched Zone
Onsite	MW-10D	396697.39	2049145.12	10/27/1983	PVC	2	40	30.0 - 40.0	28.0 - 40.0	23.0 - 28.0	0.0 - 23.0	143.91	146.79	P&A'd
Onsite	MW-11	396544.40	2049051.06	5/31/2005	PVC	2	21.5	11.5 - 21.5	9.3 - 21.5	7.3 - 9.3	0.0 - 7.3	145.44	148.53	Perched Zone
Onsite	MW-12D	397254.20	2049269.38	10/31/1983	PVC	2	52	42.0 - 52.0	40.0 - 52.0	38.0 - 40.0	0.0 - 38.0	147.48	149.1	Surficial Aquifer
Onsite	MW-12S	397262.90	2049269.37	11/1/1983	PVC	2	22.5	17.5 - 22.5	15.5 - 22.5	14.5 - 15.5	0.0 - 14.5	148.78	151.08	Perched Zone
Onsite	MW-13D	397119.02	2049821.12	3/20/2013	PVC	2	67	57 - 67	54 - 67	50 - 54	0 - 50	145.77	148.65	Surficial Aquifer
Onsite	MW-14D	396974.49	2049074.56	3/21/2013	PVC	2	72	62 - 72	60 - 72	53.5 - 60	0 - 53.5	146.48	149.73	Surficial Aquifer
Onsite	MW-15D	398323.39	2049603.72	3/25/2013	PVC	2	68	63 - 68	61 - 77	57 - 61	0 - 55	147.41	150.4	Surficial Aquifer
Onsite	MW-15DRR	398580.71	2049511.75	11/8/2018	PVC	2	62.5	52.5 - 62.5	49 - 62.5	44 - 49	0 - 44	148.05	150.92	Surficial Aquifer
Onsite	MW-16D	398493.70	2048402.84	4/2/2013	PVC	2	82	72 - 82	69 - 82	82 - 87 / 65 - 69	0 - 65	145.84	148.41	Surficial Aquifer
Onsite	MW-17D	398401.74	2047366.50	4/3/2013	PVC	2	67	57 - 67	54 - 70	70 - 77 / 51 - 54	0 - 51	145.80	146.117	Surficial Aquifer
Onsite	MW-18D	400947.30	2046574.35	11/17/2017	PVC	2	60	50 - 60	47 - 60	40 - 47	0 - 40	105.39	108.1	Surficial Aquifer
Onsite	MW-19D	401151.43	2048272.93	11/18/2017	PVC	2	56	46 - 56	43 - 56	38 - 43	0 - 38	136.42	139.36	Surficial Aquifer
Onsite	MW-20D	400791.01	2048733.71	11/18/2017	PVC	2	75	65 - 75	62 - 73	58 - 62	0 - 58	134.24	137.2	Surficial Aquifer
Onsite	MW-21D	399501.88	2047074.92	11/22/2017	PVC	2	82	72 - 82	68 - 82	62 - 68	0 - 62	148.12	151.42	Surficial Aquifer
Onsite	MW-22D	398518.40	2048362.48	12/1/2017	PVC	6	72	52 - 72	49 - 72	43 - 49	0 - 49	146.50	149.09	Surficial Aquifer
Onsite	MW-23	396237.61	2051063.25	7/26/2018	PVC	2	14.5	9.5 - 14.5	7.5 - 14.5	4 - 7.5	0 - 4	145.17	148.34	Perched Zone
Onsite	MW-24	397303.94	2048767.69	7/26/2018	PVC	2	23.8	18.8 - 23.8	16 - 23.8	14 - 16	0 - 14	147.11	150.31	Perched Zone
Onsite	MW-25	396753.37	2050989.82	10/23/2018	PVC	1	17	12 - 17	9 - 20	7 - 9	0 - 7	145.00	147.59	Perched Zone
Onsite	MW-26	396265.18	2051484.67	10/22/2018	PVC	1	10	5 - 10	4 - 15	2 - 4	0 - 2	144.90	147.7	Perched Zone
Onsite	MW-27	396010.33	2051472.00	10/22/2018	PVC	1	15	10 - 15	8 - 20	6 - 8	0 - 6	144.39	146.83	Perched Zone
Onsite	MW-28	395719.79	2051165.93	10/22/2018	PVC	1	14	9 - 14	7 - 15	5 - 7	0 - 5	141.52	144.7	Perched Zone
Onsite	MW-30	397340.79	2050776.09	10/23/2018	PVC	1	15	10 - 15	8 - 20	6 - 8	0 - 6	144.95	147.67	Perched Zone
Onsite	MW-31	396390.70	2049622.88	4/17/2019	PVC	2	22	17 - 22	14 - 17	12 - 14	0 - 12	145.48	147.699	Perched Zone
Onsite	MW-32	396359.58	2049651.79	4/16/2019	PVC	2	18.5	13 - 18.5	10 - 18.5	8 - 10	0 - 8	144.63	147.106	Perched Zone
Onsite	MW-33	396337.51	2049678.56	4/16/2019	PVC	2	17	12 - 17	10 - 17	8 - 10	0 - 8	144.28	146.82	Perched Zone

TABLE 2.1
WELL CONSTRUCTION DETAILS
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Area	Well ID	Northing (ft, NAD83)	Easting (ft, NAD83)	Installation Date	Casing Construction	Casing Diameter (in)	Well Casing Depth (ft)	Screened Interval (ft)	Filter Pack Interval (ft)	Bentonite Seal Interval (ft)	Grout Interval (ft)	Ground Elevation (ft, NAVD88)	TOC Elevation (ft, NAVD88)	Water Bearing Unit
Onsite	MW-34	396352.90	2049619.09	4/17/2019	PVC	2	22	17 - 22	14 - 22	12 - 14	0 - 12	145.17	147.972	Perched Zone
Onsite	MW-35	396332.94	2049631.16	4/16/2019	PVC	2	19	14 - 19	12 - 19	10 - 12	0 - 10	145.03	147.541	Perched Zone
Onsite	MW-36	396320.09	2049651.17	4/16/2019	PVC	2	17	12 - 17	10 - 17	8 - 10	0 - 8	144.68	147.889	Perched Zone
Onsite	NAF-01	398348.58	2050339.68	12/5/2002	PVC	2	15	5.0 - 15.0	4.0 - 15.0	2.0 - 4.0	0.0 - 2.0	145.73	148.65	Perched Zone
Onsite	NAF-02	398660.16	2050634.55	12/4/2002	Stainless Steel	2	15	5.0 - 15.0	4.0 - 15.0	2.0 - 4.0	0.0 - 2.0	146.12	149.28	Perched Zone
Onsite	NAF-03	398578.63	2050743.04	12/4/2002	Stainless Steel	2	15	5.0 - 15.0	4.0 - 15.0	2.0 - 4.0	0.0 - 2.0	146.59	149.41	Perched Zone
Onsite	NAF-04	398445.89	2050713.13	12/4/2002	Stainless Steel	2	15	5.0 - 15.0	4.0 - 15.0	2.0 - 4.0	0.0 - 2.0	147.03	146.77	Perched Zone
Onsite	NAF-05A	398641.22	2051024.85	10/10/2005	Stainless Steel	2	NA	NA	NA	NA	NA	NA	NA	Perched Zone
Onsite	NAF-05B	398660.23	2051021.81	10/12/2005	Stainless Steel	2	NA	NA	NA	NA	NA	NA	NA	Surficial Aquifer
Onsite	NAF-06	398808.81	2050913.93	5/20/2005	Stainless Steel	2	12.75	2.75 - 12.75	2.0 - 12.75	0.25 - 2.0	0.0 - 0.25	142.71	145.43	Perched Zone
Onsite	NAF-07	398898.69	2050618.12	5/20/2005	Stainless Steel	2	15.5	5.5 - 15.5	3.0 - 15.5	1.0 - 3.0	0.0 - 1.0	146.34	149.03	Perched Zone
Onsite	NAF-08A	398098.22	2050886.93	6/1/2005	Stainless Steel	2	15	5.0 - 15.0	3.0 - 15.0	1.0 - 3.0	0.0 - 1.0	145.08	147.74	Perched Zone
Onsite	NAF-08B	398095.97	2050880.18	6/1/2005	Stainless Steel	2	53.5	43.5 - 53.5	41.5 - 53.5	39.5 - 41.5	0.0 - 39.5	145.18	147.83	Surficial Aquifer
Onsite	NAF-09	397708.78	2050807.44	5/19/2005	PVC	2	17	7.0 - 17.0	5.0 - 17.0	3.0 - 5.0	0.0 - 3.0	146.09	148.62	Perched Zone
Onsite	NAF-10	397611.81	2050425.20	5/19/2005	PVC	2	18.25	8.25 - 18.25	6.25 - 18.25	4.25 - 6.25	0.0 - 4.25	146.47	149.25	Perched Zone
Onsite	NAF-11A	398907.08	2050999.77	6/3/2005	PVC	2	7.5	2.5 - 7.5	2.0 - 7.5	0.5 - 2.0	0.0 - 0.5	137.05	139.74	Perched Zone
Onsite	NAF-11B	398911.13	2050995.88	6/5/2005	PVC	2	43.5	33.5 - 43.5	31.5 - 43.5	26.5 - 31.5	0.0 - 26.5	137.55	140.74	Surficial Aquifer
Onsite	NAF-12	398270.56	2050777.49	3/28/2013	PVC	2	23	18 - 23	16.2 - 23	13.1 - 16.2	0 - 13.1	145.93	145.79	Perched Zone
Onsite	NAF-13	398370.49	2051260.72	10/16/2018	PVC	1	16	11 - 16	8.5 - 20	5 - 8.5	0 - 5	149.64	152.29	Perched Zone
Onsite	OW-1	399930.53	2051287.87	7/23/2020	Sch 40 PVC	2	50	40 - 50	37 - 50	35 - 37	NA	91.61	95.01	Black Creek Aquifer
Onsite	OW-2	398572.28	2051801.62	7/28/2020	Sch 40 PVC	2	73	63 - 73	60 - 73	58 - 60	NA	81.11	84.37	Black Creek Aquifer
Onsite	OW-3	398601.08	2051812.32	7/29/2020	Sch 40 PVC	2	73	63 - 73	60 - 73	63 - 73	NA	81.26	84.64	Black Creek Aquifer
Onsite	OW-4	395049.16	2052210.81	8/6/2020	Sch 40 PVC	2	57	47 - 57	44 - 57	42 - 44	NA	77.62	80.85	Black Creek Aquifer
Onsite	OW-5	395070.03	2052196.97	8/7/2020	Sch 40 PVC	2	64	54 - 64	51 - 64	49 - 51	NA	78.12	81.61	Black Creek Aquifer
Onsite	OW-6	396168.41	2052223.54	8/12/2020	Sch 40 PVC	2	60	50 - 60	47 - 50	45 - 47	NA	78.15	80.53	Black Creek Aquifer
Onsite	OW-7	397180.06	2052052.69	10/13/2020	Sch 40 PVC	2	67	57 - 67	54 - 67	52 - 54	NA	78.94	81.45	Black Creek Aquifer
Onsite	OW-8	397202.33	2052041.98	10/13/2020	Sch 40 PVC	2	67	57 - 67	54 - 67	52 - 54	NA	79.57	82.3	Black Creek Aquifer
Onsite	OW-9	395075.14	2052211.07	10/16/2020	Sch 40 PVC	2	64	54 - 64	51 - 64	49 - 51	NA	77.13	79.78	Black Creek Aquifer
Onsite	OW-10	399948.17	2051291.21	10/20/2020	Sch 40 PVC	2	50	40 - 50	37 - 50	35 - 37	NA	91.94	94.39	Black Creek Aquifer
Onsite	P-1	397259.42	2048771.49	12/19/1968	NA	4	323	NA	NA	NA	NA	147.61	148.88	Upper Cape Fear Aquifer
Onsite	P-2	398172.19	2048625.22	1/11/1969	NA	4	345	NA	NA	NA	NA	146.51	147.72	Upper Cape Fear Aquifer
Onsite	P-3	397871.69	2048672.28	11/19/1968	NA	4	345	NA	NA	NA	NA	146.85	149.38	Upper Cape Fear Aquifer
Onsite	P-4	398287.04	2048706.99	11/11/1968	NA	4	330	NA	NA	NA	NA	147.33	148.4	Upper Cape Fear Aquifer
Onsite	P-5	398193.51	2048965.15	12/8/1968	NA	4	335	NA	NA	NA	NA	147.30	NA	Upper Cape Fear Aquifer
Onsite	P-6	398211.34	2049567.80	12/18/1968	NA	4	335	NA	NA	NA	NA	149.20	151.2	Upper Cape Fear Aquifer
Onsite	P-7	398600.41	2051912.32	2/24/1969	NA	4	200	NA	NA	NA	NA	76.92	78.58	Upper Cape Fear Aquifer
Onsite	P-8	398283.01	2051857.44	3/17/1969	NA	4	180	NA	NA	NA	NA	67.03	69.7	Upper Cape Fear Aquifer
Onsite	P-9 (USGS Box)	399684.15	2052113.36	4/4/1969	NA	4	225	NA	NA	NA	NA	50.57 HUB-STAKE	NA	Upper Cape Fear Aquifer
Onsite	P-10	397917.51	2052566.22	4/24/1969	NA	4	240	NA	NA	NA	NA	51.07	52.76	Upper Cape Fear Aquifer
Onsite	P-11	395793.60	2052417.02	5/28/1969	NA	4	232	NA	NA	NA	NA	52.00	54	Upper Cape Fear Aquifer
Onsite	PIW-1D	400548.00	2051801.28	6/27/2019	PVC	2	29.5	24.5 - 29.5	23 - 30	20 - 23	0 - 20	49.21	52.16	Black Creek Aquifer
Onsite	PIW-1S	400541.03	2051792.39	6/27/2019	PVC	2	17.8	7.8 - 17.8	6 - 18	2 - 6	0 - 2	50.58	54.04	Floodplain Deposits
Onsite	PIW-2D	399925.40	2051315.80	8/15/2019	PVC	2	50	40 - 50	38 - 50	36 - 38	0 - 36	93.40	96.19	Black Creek Aquifer
Onsite	PIW-3D	399711.25	2052086.94	7/2/2019	PVC	2	24	19 - 24	17 - 24.8	15 - 17	0 - 15	50.16	53.42	Black Creek Aquifer
Onsite	PIW-4D	398816.52	2052101.94	7/1/2019	PVC	2	37.3	32.3 - 37.3	30 - 38	28 - 30	0 - 28	50.24	52.85	Black Creek Aquifer
Onsite	PIW-5S	398519.70	2051950.49	7/9/2019	PVC	2	19.8	9.8 - 19.8	8 - 20.2	6 - 8	0 - 6	72.55	75.02	Surficial Aquifer
Onsite	PIW-6S	398117.93	2052539.79	6/28/2019	PVC	2	28	18 - 28	16 - 28.2	14 - 16	0 - 14	50.60	53.4	Floodplain Deposits
Onsite	PIW-7D	396787.77	2052595.65	6/25/2019	PVC	2	34	29 - 34	26 - 34.2	22 - 26	0 - 22	46.07	48.93	Black Creek Aquifer
Onsite	PIW-7S	396786.97	2052589.10	6/25/2019	PVC	2	17	7 - 17	5.2 - 18	2.2 - 5.2	0 - 2.2	45.70	47.97	Floodplain Deposits
Onsite	PIW-8D	396403.37	2052682.10	6/26/2019	PVC	2	40	35.5 - 40	32 - 40	29 - 32	0 - 29	46.09	48.66	Black Creek Aquifer
Onsite	PIW-9D	396155.84	2052250.84	7/2/2019	PVC	2	45	40 - 45	38.1 - 49	35.5 - 38.1	0 - 35.5	76.90	79.64	Black Creek Aquifer
Onsite	PIW-9S	396148.52	2052251.03	6/26/2019	PVC	2	29.8	24.8 - 29.8	23 - 30	19 - 23	0 - 19	77.01	79.64	Surficial Aquifer
Onsite	PIW-10DR	395093.99	2052297.30	8/16/2019	PVC	2	58	53 - 58	50.7 - 60.5	48 - 50.7	0 - 48	73.29	75.91	Black Creek Aquifer
Onsite	PIW-10S	395104.95	2052296.98	6/24/2019	PVC	2	17	7 - 17	5.5 - 17	3 - 5.5	0 - 3	73.15	76.32	Surficial Aquifer
Onsite	PIW-11	401911.03	2050416.29	8/25/2020	Sch 40 PVC	2	57	47 - 57	44 - 57	42 - 44	NA	64.95	67.02	Black Creek Aquifer
Onsite	PIW-12	401703.10	2051025.77	9/1/2020	Sch 40 PVC	2	74	64 - 74	61 - 74	59 - 61	NA	81.65	83.78	Black Creek Aquifer
Onsite	PIW-13	401464.29	2051122.60	9/3/2020	Sch 40 PVC	2	64	54 - 64	51 - 64	49 - 51	NA	81.40	83.18	Black Creek Aquifer
Onsite	PIW-14	401163.98	2051186.57	9/4/2020	Sch 40 PVC	2	66	56 - 66	53 - 56	51 - 53	NA	84.65	87.43	Black Creek Aquifer
Onsite	PIW-15	400706.51	2051532.80	9/9/2020	Sch 40 PVC	2	44	34 - 44	31 - 44	29 - 31	NA	65.16	67.85	Black Creek Aquifer

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Onsite	PIW-16S	396267.84	2046586.09	8/20/2020	Sch 40 PVC	2	45	35 - 45	32 - 45	32 - 45	NA	147.26	149.74	Surficial Aquifer
Onsite	PIW-16D	396257.96	2046587.07	8/20/2020	Sch 40 PVC	2	100	90 - 100	87 - 127	85 - 87	NA	147.41	150.06	Black Creek Aquifer
Onsite	PW-01	399064.80	2049654.30	7/30/2019	PVC	2	21	11 - 21	9 - 21	7 - 9	0 - 7	146.63	149.547	Perched Zone
Onsite	PW-02	399779.06	2050649.47	7/30/2019	PVC	2	60	50 - 60	47.5 - 60	45.5 - 47.5	0 - 45.5	143.76	146.431	Surficial Aquifer
Onsite	PW-03	397339.81	2050765.32	7/23/2019	PVC	2	45	35 - 45	33 - 45	31 - 33	0 - 31	144.97	147.967	Surficial Aquifer
Onsite	PW-04	394659.55	2050940.66	7/24/2019	PVC	2	27	17 - 27	15 - 27	13 - 15	0 - 13	94.74	97.751	Surficial Aquifer
Onsite	PW-05	395873.10	2047812.93	7/26/2019	PVC	2	75	65 - 75	63 - 75	60.5 - 63	0 - 60.5	147.16	150.336	Surficial Aquifer
Onsite	PW-06	392868.00	2045288.77	7/29/2019	PVC	2	29	19 - 29	17 - 29	15 - 17	0 - 15	144.76	147.691	Surficial Aquifer
Onsite	PW-07	390847.71	2049258.26	7/24/2019	PVC	2	38	28 - 38	26 - 38	23.5 - 26	0 - 23.5	144.90	148.16	Surficial Aquifer
Onsite	PW-09	402000.08	2048979.11	8/12/2019	PVC	2	54	44 - 54	42 - 54	40 - 42	0 - 40	70.20	72.925	Black Creek Aquifer
Onsite	PW-10	398516.12	2051936.59	8/9/2019	PVC	2	67	57 - 67	55 - 67	52 - 55	0 - 52	73.28	75.9	Black Creek Aquifer
Onsite	PW-10R	398516.12	2051936.59	8/9/2019	PVC	2	67	57 - 67	54.5 - 68	52.5 - 54.5	0 - 52.5	73.28	75.9	Black Creek Aquifer
Onsite	PW-11	394354.36	2052226.72	7/26/2019	PVC	2	64	53 - 63	51 - 64	49 - 51	0 - 49	70.19	73.263	Black Creek Aquifer
Onsite	PW-12	399500.45	2047063.51	8/1/2019	PVC	2	119	109 - 119	106 - 119	103 - 106	0 - 103	148.05	150.61	Black Creek Aquifer
Onsite	PW-13	397584.26	2048029.18	8/23/2019	PVC	2	130	120 - 130	118 - 130	115 - 118	0 - 115	146.52	149.36	Black Creek Aquifer
Onsite	PW-14	397325.65	2050766.36	8/27/2019	PVC	2	146	136 - 146	134 - 146	131 - 134	0 - 131	145.13	147.97	Black Creek Aquifer
Onsite	PW-15	398900.88	2051011.75	8/14/2019	PVC	2	120	110 - 120	108 - 120	105 - 108	0 - 105	133.33	136.14	Black Creek Aquifer
Onsite	PW-15R	398900.88	2051011.75	8/14/2019	PVC	2	120	110 - 120	108 - 120	106 - 108	0 - 106	133.33	136.14	Black Creek Aquifer
Onsite	PZ-11	398646.25	2049820.94	3/12/2004	PVC	3/4	20	15 - 20	15 - 20	12 - 15	NA	148.48	151.03	Perched Zone
Onsite	PZ-12	399091.19	2048978.89	3/12/2004	PVC	3/4	20.1	15.1 - 20.1	15.1 - 20.1	12.1 - 15.1	NA	147.34	149.89	Perched Zone
Onsite	PZ-13	397707.82	2050985.25	3/17/2004	PVC	3/4	12.1	7.1 - 12.1	7.1 - 12.1	4.1 - 7.1	NA	145.65	148.14	Perched Zone
Onsite	PZ-14	397589.92	2050618.27	3/11/2004	PVC	3/4	14	9.0 - 14.0	9.0 - 14.0	6.0 - 9.0	NA	146.75	148.38	Perched Zone
Onsite	PZ-15	396806.39	2050107.50	3/11/2004	PVC	3/4	15.2	10.2 - 15.2	10.2 - 15.2	7.2 - 10.2	NA	145.74	147.76	Perched Zone
Onsite	PZ-16	396219.57	2051064.72	3/11/2004	PVC	3/4	14.2	9.2 - 14.2	9.2 - 14.2	6.2 - 9.2	NA	146.45	149.11	Perched Zone
Onsite	PZ-17	396614.82	2048872.69	3/10/2004	PVC	3/4	26.1	21.1 - 26.1	21.1 - 26.1	18.1 - 21.1	NA	145.00	150.08	Perched Zone
Onsite	PZ-18	397292.48	2048773.04	3/11/2004	PVC	3/4	24.1	19.1 - 24.1	19.1 - 24.1	16.1 - 19.1	NA	148.14	150.83	Perched Zone
Onsite	PZ-19R	397998.66	2049919.52	4/25/2019	PVC	2	21	16 - 21	14 - 21	10 - 14	0 - 10	147.62	150.046	Perched Zone
Onsite	PZ-20R	398185.81	2049784.60	4/25/2019	PVC	2	20	15 - 20	12 - 20	8.5 - 12	0 - 8.5	148.15	151.29	Perched Zone
Onsite	PZ-21R	398445.16	2049883.13	4/29/2019	PVC	2	22	17 - 22	13 - 22	9 - 13	0 - 9	147.77	150.674	Perched Zone
Onsite	PZ-22	397271.94	2052585.34	1/11/2006	PVC	1	47.5	42.5 - 47.5	41.0 - 47.5	38.5 - 41.0	0.0 - 38.5	48.13	50.7	Black Creek Aquifer
Onsite	PZ-23	398819.91	2052326.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Perched Zone
Onsite	PZ-24	396117.94	2050744.07	10/18/2018	PVC	1	16	11 - 16	10 - 20	8 - 10	0 - 8	144.76	147.53	Perched Zone
Onsite	PZ-25	396753.94	2050991.05	10/18/2018	PVC	1	19	14 - 19	12.5 - 40	8 - 12.5	0 - 8	145.00	147.59	Perched Zone
Onsite	PZ-25R	395971.54	2050748.23	10/2/2020	PVC	1	16	6 - 16	4 - 17	3 - 4	0 - 4	145.03	147.51	Perched Zone
Onsite	PZ-26	396059.78	2050382.35	10/18/2018	PVC	1	16	11 - 16	10 - 20	7 - 10	0 - 7	144.90	147.7	Perched Zone
Onsite	PZ-27	395922.11	2050376.76	10/19/2018	PVC	1	17	12 - 17	11 - 20	8 - 11	0 - 8	145.02	147.17	Perched Zone
Onsite	PZ-28	396304.55	2049933.79	10/18/2018	PVC	1	18	13 - 18	11 - 20	9 - 11	0 - 9	145.60	148.64	Perched Zone
Onsite	PZ-29	396377.59	2049771.59	10/18/2018	PVC	1	18	12 - 18	10.5 - 20	8.5 - 10.5	0 - 8.5	145.07	147.74	Perched Zone
Onsite	PZ-31	396428.73	2049594.36	4/23/2019	PVC	2	19	14 - 19	12 - 9	8.5 - 12	0 - 8.5	144.91	147.999	Perched Zone
Onsite	PZ-32	396418.47	2049713.79	4/23/2019	PVC	2	18	13 - 18	12.5 - 18	10 - 12.5	0 - 10	145.36	148.471	Perched Zone
Onsite	PZ-33	396308.92	2049707.66	4/15/2019	PVC	2	17.5	12.5 - 17.5	10 - 17.5	8 - 10	0 - 8	143.94	146.715	Perched Zone
Onsite	PZ-34	396292.05	2049595.04	4/15/2019	PVC	2	18.5	13.5 - 18.5	11 - 18.5	9 - 11	0 - 9	144.94	147.695	Perched Zone
Onsite	PZ-35	398232.64	2050020.49	4/29/2019	PVC	2	18	13 - 18	11 - 18	8 - 11	0 - 8	147.91	150.43	Perched Zone
Onsite	PZ-36	396086.17	2051331.44	9/30/2020	PVC	1	8.5	5 - 8.5	4 - 10	3 - 4	0 - 4	135.37	135.2	Perched Zone
Onsite	PZ-37	396042.40	2051050.05	9/29/2020	PVC	1	8	5 - 8	4 - 10	3 - 4	0 - 4	135.83	135.56	Perched Zone
Onsite	PZ-38	395970.01	2050569.66	9/29/2020	PVC	1	9	5 - 9	4 - 10	3 - 4	0 - 4	137.56	137.34	Perched Zone
Onsite	PZ-39	395921.87	2050238.18	9/30/2020	PVC	1	10	5 - 10	4 - 12	3 - 4	0 - 4	138.21	137.93	Perched Zone
Onsite	PZ-40	395943.02	2050031.90	9/29/2020	PVC	1	9	5 - 9	4 - 12	3 - 4	0 - 4	138.80	138.51	Perched Zone
Onsite	PZ-41	395979.29	2050048.97	9/30/2020	PVC	1	8.5	5 - 8.5	4 - 10	3 - 4	0 - 4	138.34	138.13	Perched Zone
Onsite	PZ-42	395961.73	2050230.23	9/30/2020	PVC	1	7	3 - 7	2 - 12	1 - 2	0 - 2	138.44	138.17	Perched Zone
Onsite	PZ-43	396011.61	2050567.89	10/1/2020	PVC	1	9	5 - 9	4 - 10	3 - 4	0 - 4	137.20	137.06	Perched Zone
Onsite	PZ-44	396082.75	2051045.25	10/1/2020	PVC	1	7	5 - 7	4 - 10	3 - 4	0 - 4	136.44	136.26	Perched Zone
Onsite	PZ-45	396124.41	2051323.03	10/1/2020	PVC	1	4	2 - 4	2 - 7	1 - 2	0 - 2	135.83	135.69	Perched Zone
Onsite	PZ-L	396745.80	2048684.01	5/26/2005	PVC	0.75	28	13 - 28	11 - 28	6 - 11	0 - 6	146.00	147.86	Surficial Aquifer
Onsite	SMW-01	395297.97	2043688.29	1/23/2003	PVC	2	15	5.0 - 15.0	4.0 - 15.0	2.0 - 4.0	0.0 - 2.0	147.45	150.58	Surficial Aquifer
Onsite	SMW-02	399982.23	2050655.91	1/23/2003	PVC	2	20	5.0 - 20.0	4.0 - 20.0	2.0 - 4.0	0.0 - 2.0	141.66	144.59	Perched Zone
Onsite	SMW-02B	399983.75	2050654.77	10/6/2005	PVC	2	53	43.0 - 53.0	40.0 - 53.0	35.0 - 40.0	0.0 - 35.0	144.74	147.93	Surficial Aquifer
Onsite	SMW-03	399779.32	2049445.32	6/4/2005	Stainless Steel	2	20	10.0 - 20.0	8.0 - 20.0	6.0 - 8.0	0.0 - 6.0	148.43	151.094	Perched Zone
Onsite	SMW-03B	399785.75	2049421.54	4/4/2013	PVC	2	82	72 - 82	69 - 82	65.5 - 69	0 - 65.5	147.00	150.43	Black Creek Aquifer
Onsite	SMW-04A	399668.71	2048387.57	6/4/2005	Stainless Steel	2	34.5	19.5 - 34.5	17.5 - 34.5	15.5 - 17.5	0.0 - 15.5	145.46	148.09	Perched Zone

TABLE 2.1
WELL CONSTRUCTION DETAILS
Chemours Fayetteville Works, North Carolina

Area	Well ID	Northing (ft, NAD83)	Easting (ft, NAD83)	Installation Date	Casing Construction	Casing Diameter (in)	Well Casing Depth (ft)	Screened Interval (ft)	Filter Pack Interval (ft)	Bentonite Seal Interval (ft)	Grout Interval (ft)	Ground Elevation (ft, NAVD88)	TOC Elevation (ft, NAVD88)	Water Bearing Unit
Onsite	SMW-04B	399666.21	2048392.37	10/5/2005	PVC	2	53	43.0 - 53.0	41.0 - 53.0	34.0 - 41.0	0.0 - 34.0	144.91	147.65	Surficial Aquifer
Onsite	SMW-05	399334.07	2048557.33	10/10/2005	PVC	0.75	20	10.0 - 20.0	8.0 - 20.0	6.0 - 8.0	0.0 - 6.0	144.17	148.099	Perched Zone
Onsite	SMW-05P	399391.46	2049235.07	2/21/2006	PVC	3/4	60	45.0 - 60.0	43.0 - 60.0	41.0 - 43.0	0.0 - 41.0	146.41	149.66	Surficial Aquifer
Onsite	SMW-06	399172.35	2048759.48	10/10/2005	PVC	0.75	22	12.0 - 22.0	10.0 - 22.0	8.0 - 10.0	0.0 - 8.0	147.92	150.97	Perched Zone
Onsite	SMW-06B	399144.74	2048764.94	4/3/2013	PVC	2	68	58 - 68	54.5 - 68	68 - 72 / 51 - 54.5	0 - 51	146.86	150.32	Surficial Aquifer
Onsite	SMW-07	398931.13	2048611.74	10/10/2005	PVC	0.75	23	13.0 - 23.0	11.0 - 23.0	8.5 - 11.0	0.0 - 8.5	147.11	146.79	Perched Zone
Onsite	SMW-08	399064.97	2048468.78	10/11/2005	PVC	2	31	21.0 - 31.0	18.5 - 21.0	14.5 - 18.5	0.0 - 14.5	147.93	151.017	Perched Zone
Onsite	SMW-08B	399058.33	2048478.84	3/28/2013	PVC	2	68	58 - 68	56 - 68	52.5 - 56	0 - 52.5	146.75	148.81	Surficial Aquifer
Onsite	SMW-09	401076.89	2050017.41	4/8/2013	PVC	2	62	52 - 62	49.5 - 62	62 - 67 / 45 - 49.5	0 - 45	138.16	141.43	Surficial Aquifer
Onsite	SMW-10	402307.31	2047923.84	3/25/2013	PVC	2	49	39 - 49	36.5 - 49	33 - 36.5	0 - 33	73.09	76.26	Surficial Aquifer
Onsite	SMW-11	401996.15	2048975.38	3/26/2013	PVC	2	23	13 - 23	11 - 23	8 - 11	0 - 8	69.04	71.95	Surficial Aquifer
Onsite	SMW-12	401314.20	2051007.22	3/27/2013	PVC	2	98	88 - 98	86 - 98	83 - 86	0 - 83	113.72	118.22	Black Creek Aquifer
Onsite	W-1	398250.13	2048612.05	1/25/1969	Stainless Steel	8	355	320 - 350	NA	NA	NA	146.95	149.6	Upper Cape Fear Aquifer
Onsite	W-2	398480.76	2052435.76	6/10/1969	Stainless Steel	10	258	208 - 235	NA	NA	NA	51.03	51.47	Upper Cape Fear Aquifer
Offsite	Bladen-1S	387518.97	2050233.35	8/14/2019	PVC	2	10.25	5 - 10	3 - 10.25	1 - 3	0 - 1	76.99	76.74	Surficial Aquifer
Offsite	Bladen-1D	387522.25	2050247.40	8/13/2019	PVC	2	47.25	37 - 47	34 - 47.25	32 - 34	0 - 32	77.15	76.96	Black Creek Aquifer
Offsite	Bladen-2S	368821.46	2042882.92	8/16/2019	PVC	2	20.6	10 - 20	8 - 20.6	6 - 8	0 - 6	138.43	138.04	Surficial Aquifer
Offsite	Bladen-2D	368827.09	2042878.34	8/15/2019	PVC	2	75.25	70 - 75	67 - 75.25	66 - 67	0 - 66	138.54	138.27	Black Creek Aquifer
Offsite	Bladen-3S	396862.31	2059012.93	8/20/2019	PVC	2	15.25	5 - 15	3 - 15.25	1 - 3	0 - 1	74.83	74.27	Surficial Aquifer
Offsite	Bladen-3D	396856.98	2059006.56	8/19/2019	PVC	2	44	33.75 - 43.75	32 - 44	29 - 32	0 - 29	75.02	75.52	Black Creek Aquifer
Offsite	Bladen-4S	363263.19	2087637.46	8/21/2019	PVC	2	15	4.75 - 14.75	3 - 15	1.5 - 3	0 - 1.5	60.06	59.68	Surficial Aquifer
Offsite	Bladen-4D	363255.12	2087636.87	8/21/2019	PVC	2	52	46.75 - 51.75	44.5 - 51.75	41.5 - 44.5	0 - 41.5	60.09	59.66	Black Creek Aquifer
Offsite	Cumberland-1S	431459.95	2011071.39	9/13/2019	PVC	2	25	15 - 25	13 - 25	11 - 13	0 - 13	175.02	174.73	Surficial Aquifer
Offsite	Cumberland-1D	431459.95	2011071.39	9/12/2019	PVC	2	50	40 - 50	38 - 50	36 - 38	0 - 36	175.02	174.6	Black Creek Aquifer
Offsite	Cumberland-2S	449979.10	2074020.86	9/12/2019	PVC	2	17	7 - 17	5 - 17	3 - 5	0 - 3	129.31	129.06	Surficial Aquifer
Offsite	Cumberland-2D	449987.54	2074019.14	9/12/2019	PVC	2	57	47 - 57	43 - 57	43 - 45	0 - 43	129.50	129.23	Black Creek Aquifer
Offsite	Cumberland-3S	423254.64	2060413.30	9/12/2019	PVC	2	14	9 - 14	7 - 14	5 - 7	0 - 5	79.30	79.063	Surficial Aquifer
Offsite	Cumberland-3D	423248.12	2060409.16	9/11/2019	PVC	2	27	22 - 27	20 - 27	18 - 20	0 - 18	79.03	78.79	Black Creek Aquifer
Offsite	Cumberland-4S	413086.63	2078255.53	9/11/2019	PVC	2	20	10 - 20	8 - 20	6 - 8	0 - 6	119.58	119.362	Surficial Aquifer
Offsite	Cumberland-4D	413095.77	2078249.95	9/10/2019	PVC	2	67	57 - 67	55 - 67	53 - 55	0 - 53	119.52	119.22	Black Creek Aquifer
Offsite	Cumberland-5S	405623.27	2138233.37	9/11/2019	PVC	2	24	14 - 24	12 - 24	10 - 12	0 - 10	107.00	106.65	Surficial Aquifer
Offsite	Cumberland-5D	405619.17	2138238.59	9/11/2019	PVC	2	57	52 - 57	49 - 57	47 - 49	0 - 49	107.02	106.67	Black Creek Aquifer
Offsite	Robeson-1S	381408.19	2020156.86	9/9/2019	PVC	2	27	17 - 27	15 - 27	13 - 15	0 - 13	156.94	156.66	Surficial Aquifer
Offsite	Robeson-1D	381416.28	2020158.93	9/4/2019	PVC	2	53	42.75 - 52.75	41 - 53	39 - 41	0 - 39	156.66	156.36	Black Creek Aquifer

Notes:
1. Surveys completed by Freeland-Clinkscales & Associates of NC and Donaldson Garrett & Associates of NC.
2. Northing and Easting provided in feet, State Plane Coordinates for North Carolina (zone 3200) in North American Datum of 1983.
3. Ground surface and top of casing elevation reported in North American Vertical Datum of 1988.
ft NAD83 - feet, State Plane Coordinate System North American Datum 1983
ft NAVD88 - feet, North American Vertical Datum of 1988
in - inches
ft - feet
NA - not available
NM - not measured
P&A'd - purged and abandoned

TABLE 3.1
NCDWR WELLS IN BLADEN, CUMBERLAND, AND ROBESON COUNTIES
Chemours Fayetteville Works, North Carolina

County	Well ID	Northing (ft NAD83)	Easting (ft NAD83)	Total Depth (ft BGS)
Bladen	DWR Bladenboro Station	275513.20	2074025.43	575
	DWR Kelly Station	257671.79	2208664.05	670
	DWR White Lake Prison Station	329819.93	2143602.27	497
	DWR Dublin Station	326853.65	2080923.79	516
	DWR Dupont Station	398648.08	2044722.60	332
Cumberland	DWR Seabrook School Station	450547.13	2073447.24	280
	DWR Bushy Lake Station	412356.87	2102707.88	354
	DWR Cedar Creek Firetower Station	430523.47	2078182.45	240
Robeson	DWR Green Grove School Station	293718.87	1956847.83	651
	DWR Littlefield Station	325541.71	2025276.57	467
	DWR Lumberton Prison Station	317922.45	1977419.19	495
	DWR Rex Rennert School Station	397858.94	1973722.54	360
	DWR Red Banks Station	348241.42	1921597.17	467
	DWR Marietta Station	226850.04	1961571.65	552
	DWR Rowland Station	284746.14	1910808.76	548
	DWR Boardman Station	250931.90	2008548.29	497
	DWR Magnolia School Station	349341.19	1999526.51	452
	DWR Prevette Station	354355.59	1972627.06	469

Notes:

ft - feet

BGS - Below ground surface

NCDWR - North Carolina Division of Water Resources

NAD83 - North American Datum of 1983

1. Data obtained from North Carolina hydrogeology database for Cumberland, Bladen, and Robeson Counties accessed at https://www.ncwater.org/?page=348

TABLE 3.2
SAMPLED COMMUNITY AND PUBLIC WELLS
Chemours Fayetteville Works, North Carolina

PWS ID	Location Name	Address	City	Location Description 1	Location Description 2	Depth (feet)	Distance from Site (miles)	Usage	Sample Date(s)
0326428	MACEDONIA BAPTIST CHURCH	5064 MACEDONIA CHURCH RD	FAYETTEVILLE	IN FRONT OF OLD FELLOWSHIP HALL	SR2013 .4MI N OIW NC210 - 5064 MACEDONIA CHURCH RD	-	11.9	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	9/8/2020
0326516	SHORT STOP #63	5310 CEDAR CREEK RD	FAYETTEVILLE	AT REAR OT STORE	HWY 53 IOW TABOR CHURCH RD	-	9.1	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	2/19/2020
0326538	CEDAR CREEK BAPTIST CHURCH	4170 TABOR CHURCH ROAD	FAYETTEVILLE	NEXT TO BALL FIELD @OLD WELL	ON SR 2033 JUST OFF NC 53 INTER WITH THE CONVIENCE STORE - 4170 TABOR CHURCH RD	455	9.0	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	2/12/2020
0326864	GREATER FIRST BAPTIST CHURCH	3398 MCKINNON RD	FAYETTEVILLE	E OF CH NEXT TO DRIVEWAY	OFF MCKINNIN RD 1/2 MILE FROM INTER WNC53 CEDAR CK COMM	-	8.8	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	2/18/2020
0326503	MT PISGAH BAPTIST CHURCH	3350 BUTLER NURSERY RD	FAYETTEVILLE	IN FRONT OF CHURCH IN OLD BRICK PUMP HOUSE.	3350 BUTLER NURSERY RD, NC 87S OF FAYETTEVILLE OVER RIVER RD TO RT FROM F-VILLE NC	-	7.9	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/16/2020
0326572	BAPTIST UNION MISSIONARY BAPTIST CHURCH	1483 SAND HILL RD	HOPE MILLS	REAR OF CHURCH IN BRICK WELLHOUSE	ON SR2238 SANDHILL RD APPX .5MI E OIW SR2239 SANDHILL RD	60	7.3	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/22/2020
0326167	GRAY`S CREEK MHP	1301 BILL DR	FAYETTEVILLE	BEHIND PUMMILL RESIDENCE	87 SOUTH 1MILE FROM SR 2238	70	6.5	Serves 15+ connections or regularly serves 25+ year-round residents. ex. cities, towns, subdivisions.	12/9/2019
0326737	SHERWOOD PRESBYTERIAN CHURCH	4857 NC HWY 87 SOUTH	FAYETTEVILLE	FRONT OF CHURCH	NC87 0.3 MI S - SR2220 L - 4857 NC 87 S	-	6.4	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/30/2020
0326445	TABOR UNITED METHODIST CHURCH	6112 TABOR CHURCH ROAD	FAYETTEVILLE	FRONT OF CHURCH, TOWARDS ROAD; BELOW GRADE	SR 2023 0.1 MI S OIW SR 2229	-	6.0	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	9/23/2019
0326853	FIRST UNITED BAPT CH GRAYS CK	2002 CHICKEN FOOT RD	HOPE MILLS	FRONT LEFT OF CHURCH	HWY 59 1.5MI EAST OIW 301 SO ON RIGHT	-	6.0	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	6/29/2020
0326536	GRAYS CREEK BAPTIST CHURCH	4750 GRAYS CREEK CHURCH RD	HOPE MILLS	FRONT OF CHURCH, NEXT TO PARKING AREA	NC HWY 875, LEFT ON BLOSSOM RD, RIGHT ON GRAYS CREEK CHURCH RD.	-	4.8	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	12/12/2019
0326733	CUMBERLAND UNION BAPTIST CH	6957 TABOR CHURCH RD	FAYETTEVILLE	FRONT OF CH BELOW GROUND	SR2023 0.1 MI S OIW SR2228 L - 7096 TABOR CHURCH RD	-	4.7	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/24/2018
5026008	GRAY`S CREEK CHURCH OF GOD	4018 CHICKEN FOOT ROAD	ST. PAULS	NORTH SIDE OF CHURCH	CHICKEN FOOT RD, APPX 5 MILES S. OF HOPE MILLS	-	4.1	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/17/2020
0326860	SHORT TRIP	3634 CHICKENFOOT RD	HOPE MILLS	NEAR OLD WELL #2, BEHIND PINE TREES	ON CHICKEN FOOT ROAD	39	4.1	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	10/25/2019
0326810	ALDERMAN ROAD ELEMENTARY	2860 ALDERMAN RD	FAYETTEVILLE	WEST SIDE OF SCHOOL	BETWEEN NC87 & SCHOOL RD	80	4.0	Serves at least 25 of the same persons 6+ months per year. ex. schools, daycares, industries.	6/19/2019
0326627	GRAYS CREEK ELEM SCHOOL	GRAY`S CREEK SCHOOL ROAD	HOPE MILLS	RIGHT OF BLDG	2964 SCHOOL RD	84	4.0	Serves at least 25 of the same persons 6+ months per year. ex. schools, daycares, industries.	10/21/2019
0326974	THE CREEK BAR & GRILL	4351 CHICKENFOOT RD	ST PAULS	REAR OF RESTAURANT NW CORNER	6.6 MILES OFF I95 ON SR 2252 CHICKEN FOOT RD - 4351 CHICKENFOOT RD	-	3.9	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/8/2020
0326571	MARVIN UNITED METHODIST CHURCH	6766 NC 87 SOUTH	FAYETTEVILLE	E OF CHURCH NEXT TO DRIVEWAY TOWARDS HIGHWAY	INTER OF NC 87 AND SR 1500 NEAR BALDEN CO. LINE	-	3.6	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/30/2018
0309055	BLADEN CO WTR DIST-WEST BLADEN	8129 CHICKEN FOOT RD	ST. PAULS	SR 1300 1 MI NORTH NORTH OIW HWY 20	WESTERN PART OF BLADEN CO	98	3.0	Serves 15+ connections or regularly serves 25+ year-round residents. ex. cities, towns, subdivisions.	9/14/2017; 1/30/2020
5026014	CHARITY BAPTIST CHURCH	5923 SHILOAH CHURCH DRIVE	FAYETTEVILLE	IN FRONT OF CHURCH	JUST OFF NC 87 SOUTH OF FAYETTEVILLE SHILOAH CH DR	60	2.5	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	12/13/2017
0326569	MT VERNON BAPTIST CHURCH	3184 COUNTY LINE RD	FAYETTEVILLE	FRONT OF CHURCH	ON CO. LINE ROAD APPX 3 MILES FROM CHICKENFOOT ROAD - 3184 COUNTY LINE RD	-	2.2	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	7/29/2019
0326735	WILLIS CREEK AME ZION CHURCH	3614 TURNER RD	FAYETTEVILLE	WITHIN 3' OF WELL #1	NC 87 SOUTH 4MI. OIW SR 2232	-	1.8	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	10/10/2017
5026022	RESURRECTION CHURCH	1419 H BULLARD RD	HOPE MILLS	-	-	100	5.8	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	3/2/2020
0326769	CONCORD BAPTIST CHURCH	7591 CONCORD CHURCH RD	AUTRYVILLE	BACK OF CHURCH IN BRICK WELL HOUSE	-	-	14.1	Serves 25+ people at least 60 days per year. ex. restaurants, churches, DOT rest areas.	1/8/2021

Notes
1. Information provided by North Carolina Corporate Geographic Database, retrieved from NC OneMap on September 24, 2019 and on May 12, 2021.
2. Wells listed here correspond to public supply wells that have been sampled as part of the private well sampling program.

TABLE 4.1
ONSITE SUBSURFACE SOIL SAMPLE DEPTHS AND CORRESPONDING GROUNDWATER ELEVATIONS
Chemours Fayetteville Works, North Carolina

Subsurface Soil Sample ID	Soil Location ID	Soil Sample Date	Shallowest Water Bearing Unit at Sample Location	Monitoring Well Used to Estimate Water Levels[1]	Soil Sample Depth Range (ft BGS)	Ground Surface Elevation[2,3] (ft NAVD88)	Soil Sample Elevation Range (ft NAVD88)	Groundwater Elevation Range[4] (ft NAVD88)	Soil Sample Taken in the Unsaturated Zone?[5]
FAY-SSASI-Sb-01(4.5-5)	SSASI-SB-01	12/1/2017	Perched Zone	MW-23	4.5 - 5	145.44	140.44 - 140.94	133.89 - 134.61	Yes
FAY-SSASI-Sb-01(9.5-10)	SSASI-SB-01	12/1/2017	Perched Zone	MW-23	9.5 - 10	145.44	135.44 - 135.94	133.89 - 134.61	Yes*
FAY-SSASI-SB-09(4.5-5)	SSASI-SB-09	11/30/2017	Perched Zone	SMW-02	4.5 - 5	143.32	138.32 - 138.82	135.16 - 136.55	Yes*
FAY-SSASI-SB-09(9.5-10)	SSASI-SB-09	11/30/2017	Perched Zone	SMW-02	9.5 - 10	143.32	133.32 - 133.82	135.16 - 136.55	No
FAY-SSASI-Sb-32(4.5-5)	SSASI-SB-32	12/1/2017	Perched Zone	PZ-20R	4.5 - 5	147.25	142.25 - 142.75	136.47 - 138.02	Yes
FAY-SSASI-Sb-32(9.5-10)	SSASI-SB-32	12/1/2017	Perched Zone	PZ-20R	9.5 - 10	147.25	137.25 - 137.75	136.47 - 138.02	No
SB-Temp-PZ-01-BOT-6.5	PZ-01	7/23/2018	Perched Zone	NAF-01	6.5 - 6.5	147.53	141.03 - 141.03	140.29 - 142.21	No
SB-Temp-PZ-02-BOT-8	PZ-02	7/23/2018	Perched Zone	PZ-11	8	148.07	140.07	138.18 - 141.57	No
SB-Temp-PZ-03-BOT-10	PZ-03	7/23/2018	Perched Zone	NAF-04	10	145.47	135.47	140.96 - 142.51	No
SB-Temp-PZ-04-BOT-13	PZ-04	7/23/2018	Perched Zone	NAF-12	13	147.51	134.51	139.08 - 141.13	No
SB-Temp-PZ-05-BOT-13	PZ-05	7/24/2018	Perched Zone	NAF-01	13	145.94	132.94	140.29 - 142.21	No
SB-Temp-PZ-06-BOT-12	PZ-06	7/24/2018	Perched Zone	NAF-02	12	147.09	135.09	140.53 - 142.11	No
SB-Temp-PZ-07-BOT-13.5	PZ-07	7/24/2018	Perched Zone	NAF-01	14	146.46	132.96	140.29 - 142.21	No
SB-Temp-PZ-08-BOT-14	PZ-08	7/24/2018	Perched Zone	MW-24	14	147.06	133.06	128.92 - 129.66	Yes
SB-Temp-PZ-09-BOT-14	PZ-09	7/24/2018	Perched Zone	MW-1S	14	147.08	133.08	131.11 - 131.9	Yes*
SB-Temp-PZ-10-BOT-16.5	PZ-10	7/24/2018	Perched Zone	FTA-03	16.5	146.48	129.98	133.45 - 134.27	No
PW-01-SOIL-11-12-20190731	PW-01	7/31/2019	Perched Zone	PW-01	11 - 12	146.63	134.63 - 135.63	134.59 - 136.65	No
PW-01-SOIL-14-15-20190730	PW-01	7/30/2019	Perched Zone	PW-01	14 - 15	146.63	131.63 - 132.63	134.59 - 136.65	No
PW-02-SOIL-14-15-20190729	PW-02	7/29/2019	Perched Zone	SMW-02	14 - 15	143.76	128.76 - 129.76	135.16 - 136.55	No
PW-03-SOIL-6.5-7-20190723	PW-03	7/23/2019	Perched Zone	MW-30	6.5 - 7	144.97	137.97 - 138.47	134.03 - 136.01	Yes*
PW-05 Soil-12-13-20190726	PW-05	7/26/2019	Surficial Aquifer	PW-05	12 - 13	147.16	134.16 - 135.16	120.28 - 123.57	Yes
PW-06-SOIL-16-17-20190729	PW-06	7/29/2019	Surficial Aquifer	PW-06	16 - 17	144.76	127.76 - 128.76	128.08 - 128.69	No
PW-07-SOIL-14-15-20190724	PW-07	7/24/2019	Surficial Aquifer	PW-07	14 - 15	144.9	129.9 - 130.9	107.37 - 118.6	Yes
PW-09-SOIL-8.5-9-20190812	PW-09	8/12/2019	Surficial Aquifer	SMW-11	8.5 - 9	72.03	63.03 - 63.53	58.3 - 59.58	Yes
PW-09-SOIL-10-11-20190812	PW-09	8/12/2019	Surficial Aquifer	SMW-11	10 - 11	72.03	61.03 - 62.03	58.3 - 59.58	Yes*
PW-10-SOIL-3.5-4-20190808	PW-10DR	8/8/2019	Surficial Aquifer	PIW-5S	3.5 - 4	73.28	69.28 - 69.78	60.68 - 61.17	Yes
PW-10-SOIL-8-8.5-20190808	PW-10DR	8/8/2019	Surficial Aquifer	PIW-5S	8 - 8.5	73.28	64.78 - 65.28	60.68 - 61.17	Yes
PW-11-SOIL-16-17-20190725	PW-11	7/25/2019	Surficial Aquifer	--	16 - 17	70.19	53.19 - 54.19	50 - 70	No
PW-12-SOIL-36-37-20190731	PW-12	7/31/2019	Surficial Aquifer	MW-21D	36 - 37	148.05	111.05 - 112.05	104.71 - 106.77	Yes
PW-12-SOIL-45-46-20190731	PW-12	7/31/2019	Surficial Aquifer	MW-21D	45 - 46	148.05	102.05 - 103.05	104.71 - 106.77	No
PW-13-Soil-25-26-20190821	PW-13	8/21/2019	Surficial Aquifer	MW-17D	25 - 26	146.52	120.52 - 121.52	115.51 - 117.74	Yes
PW-15-SOIL-38-39-20190813	PW-15R	8/13/2019	Perched Zone	NAF-11A	38 - 39	133.33	94.33 - 95.33	133.06 - 136.82	No

Notes

1 - Monitoring wells are screened in the shallowest water bearing unit where the soil sample was collected. Where no suitable monitoring wells existed near the soil samples, groundwater elevations were estimated based on equipotential lines in the Loading Assessment reports from Q1 through Q4, 2020 (Geosyntec, 2020d, 2020e, 2020f, 2021a).

2 - Ground surface elevations for locations that include "SSASI" and "PZ" in their name were determined by LiDAR-derived DEM.

3 - Ground surface elevations for locations that include "PW" in their name were determined based on survey data.

4 - Groundwater elevation range was deteremined based on the lowest and highest groundwater elevations observed in the Mass Loading Assessment reports from Q1 through Q4, 2020 (Geosyntec, 2020d, 2020e, 2020f, 2021a).

5 -"Yes" indicates that the soil sample was estimated to be taken > 2 feet above the highest water level observed in 2020 and therefore was likely collected from the unsaturated zone. "Yes*" indicates that the soil sample was estimated to be taken < 2 feet above the highest water level observed in 2020 and therefore may have been collected from the unsaturated zone near the saturated zone. "No" indicates that the soil sample was taken below the highest water level observed in 2020 and therefore was likely collected from the saturated zone.

ft BGS- feet below ground surface.

NAVD88 - North American Vertical Datum of 1988.

DEM - Digital Elevaion Model.

LiDAR - laser imaging, detection, and ranging.

LiDAR-derived DEM taken from North Carolina Spatial Data Download (https://sdd.nc.gov/) on August 14, 2020.

TABLE 5.1
SUMMARY OF OFFSITE RECEPTOR TABLE 3+ PFAS
EXPOSURES BEFORE REPLACEMENT DRINKING WATER
Chemours Fayetteville Works, North Carolina

		Offsite Receptors RME Intake (mg/kg-day)[1]				
		Resident		Farmer	Gardener[3]	Recreationalist
		Upland (EU1 to EU12)	EU16 and 17 (Intake Point)	Upland (EU1 to EU12)	Upland (EU1 to EU12)	Cape Fear River (EU13 to EU19)
Exposure Media[2]	Surface Soil	6E-08	--	6E-08	6E-08	--
	Produce	--	--	6E-06	6E-06	--
	Well Water	5E-04	--	5E-04	5E-04	--
	Fish Tissue Fillet	--	--	--	--	5E-05
	Surface Water	--	5E-06	--	--	3E-06
Total RME Intake for the Most Sensitive Receptor[1]		5E-04	5E-06	5E-04	5E-04	5E-05

Notes

[1] This summary table presents the highest calculated intakes of total Table 3+ PFAS (i.e., sum of detected Table 3+ PFAS) from all EU scenarios.

[2] Intake estimates from EU1 through EU12 - soil, homegrown produce, and drinking water; EU13 through EU19 - surface water and fish tissue; and EU16 and 17 (Intake Point) - surface water as drinking water.

[3] Worker exposure to environmental media was not quantitatively evaluated given that residential exposures are expected to be greater.

"--" - not available/not calculated

EU - Exposure Unit

mg/kg-day - milligram(s) of constituent intake per kilogram of body weight per day

PFAS - perfluoroalkyl and polyfluoroalkyl substances

RME - reasonable maximum exposure

TABLE 5.2
SUMMARY OF OFFSITE RECEPTOR TABLE 3+ PFAS EXPOSURES AFTER REPLACEMENT DRINKING WATER
Chemours Fayetteville Works, North Carolina

		Offsite Receptors RME Intake (mg/kg-day)[1]				
		Resident		Farmer	Gardener[3]	Recreationalist
		Upland (EU1 to EU12)	EU16 and 17 (Intake Point)	Upland (EU1 to EU12)	Upland (EU1 to EU12)	Cape Fear River (EU13 to EU19)
Exposure Media[2]	Surface Soil	6E-08	--	6E-08	6E-08	--
	Produce	--	--	6E-06	6E-06	--
	Well Water	3E-06	--	3E-06	3E-06	--
	Fish Tissue Fillet	--	--	--	--	5E-05
	Surface Water	--	5E-06	--	--	3E-06
Total RME Intake for the Most Sensitive Receptor[1]		4E-06	5E-06	1E-05	1E-05	5E-05

Notes

[1] This summary table presents the highest calculated intakes of total Table 3+ PFAS (i.e., sum of detected Table 3+ PFAS) from all EU scenarios.

[2] Intake estimates from EU1 through EU12 - soil, homegrown produce, and drinking water; EU13 through EU19 - surface water and fish tissue; and EU16 and 17 (Intake Point) - surface water as drinking water.

[3] Worker exposure to environmental media was not quantitatively evaluated given that residential exposures are expected to be greater.

"--" - not available/not calculated

EU - Exposure Unit

mg/kg-day - milligram(s) of constituent intake per kilogram of body weight per day

PFAS - perfluoroalkyl and polyfluoroalkyl substances

RME - reasonable maximum exposure

TABLE 5.3
SUMMARY OF OFFSITE RECEPTOR HFPO-DA HAZARDS
BEFORE REPLACEMENT DRINKING WATER
Chemours Fayetteville Works, North Carolina

		Offsite Receptors RME HQ[1]				
		Resident		Farmer	Gardener[3]	Recreationalist
		Upland (EU1 to EU12)	EU16 and 17 (Intake Point)	Upland (EU1 to EU12)	Upland (EU1 to EU12)	Cape Fear River (EU13 to EU19)
Exposure Media[2]	Surface Soil	0.0004	--	0.0004	0.0004	--
	Produce	--	--	0.08	0.08	--
	Well Water	0.9	--	0.9	0.9	--
	Fish Tissue Fillet	--	--	--	--	0.2
	Surface Water	--	0.2	--	--	0.01
Total RME HQ for the Most Sensitive Receptor[1]		0.9	0.2	1	1	0.2

Notes

[1] This summary table presents the highest calculated HQ based on USEPA RfDo value from all EU scenarios.

[2] Intake estimates from EU1 through EU12 - soil, homegrown produce, and drinking water; EU13 through EU19 - surface water and fish tissue; and EU16 and 17 (Intake Point) - surface water as drinking water.

[3] Worker exposure to environmental media was not quantitatively evaluated given that residential exposures are expected to be greater.

"--" - not available/not calculated

EU - Exposure Unit

HFPO-DA - Hexafluoropropylene oxide dimer acid

HQ - hazard quotient

RME - reasonable maximum exposure

TABLE 5.4
SUMMARY OF OFFSITE RECEPTOR HFPO-DA HAZARDS
AFTER REPLACEMENT DRINKING WATER
Chemours Fayetteville Works, North Carolina

		Offsite Receptors RME HQ[1]				
		Resident		Farmer	Gardener[3]	Recreationalist
		Upland (EU1 to EU12)	EU16 and 17 (Intake Point)	Upland (EU1 to EU12)	Upland (EU1 to EU12)	Cape Fear River (EU13 to EU19)
Exposure Media[2]	Surface Soil	0.0004	--	0.0004	0.0004	--
	Produce	--	--	0.08	0.08	--
	Well Water	0.006	--	0.006	0.006	--
	Fish Tissue Fillet	--	--	--	--	0.2
	Surface Water	--	0.2	--	--	0.01
Total RME HQ for the Most Sensitive Receptor[1]		0.007	0.2	0.08	0.08	0.2

Notes

[1] This summary table presents the highest calculated HQ based on USEPA RfDo value from all EU scenarios.

[2] Intake estimates from EU1 through EU12 - soil, homegrown produce, and drinking water; EU13 through EU19 - surface water and fish tissue; and EU16 and 17 (Intake Point) - surface water as drinking water.

[3] Worker exposure to environmental media was not quantitatively evaluated given that residential exposures are expected to be greater.

"--" - not available/not calculated

EU - Exposure Unit

HFPO-DA - Hexafluoropropylene oxide dimer acid

HQ - hazard quotient

RME - reasonable maximum exposure

TABLE 5.5
COMPARISON OF RFDO CHOICE ON HFPO-DA HAZARDS
FOR OFFSITE RECEPTOR
Chemours Fayetteville Works, North Carolina

Offsite Receptor	HFPO-DA Intake (mg/kg-day) [1,2]		HFPO-DA Hazard[1]					
			Untreated Well Water (RME EPC) [3,5]			Current Conditions (10 ng/L) [4,5]		
	Untreated Well Water (RME EPC)	Current Conditions (10 ng/L)	USEPA Draft RfDo =	NC DHHS RfDo =	Thompson et al. RfDo =	USEPA Draft RfDo =	NC DHHS RfDo =	Thompson et al. RfDo =
			8.00E-05	1.00E-04	1.00E-02	8.00E-05	1.00E-04	1.00E-02
Resident	7E-05	5E-07	0.9	0.7	0.007	0.007	0.005	0.00005
Farmer	8E-05	7E-06	1.0	0.8	0.008	0.08	0.07	0.0007
Gardener	8E-05	7E-06	1.0	0.8	0.008	0.08	0.07	0.0007
Recreationalist	1E-05	N/A	0.2	0.1	0.001	N/A	N/A	N/A

Notes

[1] This summary table presents the calculated intakes and HQs for the most sensitive receptor for a given EU scenario.

[2] Intake estimates include HFPO-DA from the following sources: EU1 through EU12 - soil, homegrown produce, and drinking water; EU13 through EU19 - surface water and fish tissue; and EU16 and 17 (Intake Point) - surface water as drinking water.

[3] Intake and hazard estimates based on untreated well water data collected between 2017 and 2019.

[4] Current conditions intake and hazard estimates are based on assumed drinking water concentrations of 10 ng/L for HFPO-DA.

[5] HQs are calculated for a range of RfDo values.

Definitions

N/A - not applicable
EU - Exposure Unit
HFPO-DA - Hexafluoropropylene oxide dimer acid
HQ - hazard quotient
mg/kg-day - milligram(s) of constituent intake per kilogram of body weight per day
ng/L - nanogram(s) per liter
RfDo - non-cancer oral reference dose
RME - reasonable maximum exposure
NC DHHS - North Carolina Department of Health and Human Services
USEPA - United States Environmental Protection Agency

TABLE 7.1
VERTICAL GRADIENTS
Chemours Fayetteville Works, North Carolina

	Water Bearing Unit	Well Pair ID	Well ID	Gauging Date	Northing (NAD 83)	Easting (NAD 83)	Screened Interval (ft bgs)	Ground Elevation (ft NAVD88)	TOC Elevation (ft NAVD88)	Shallow/Deep	Groundwater Elevation (ft-NAVD88)	Vertical Gradient (feet/feet)	Direction
Perched / Surficial	Perched Zone	WP1	NAF-11A	10/15/2019	398,909.29	2,050,999.92	2.5 - 7.5	137.55	140.59	s	130.58	1.1	Downward (NAF-11A to NAF-11B)
	Surficial Aquifer		NAF-11B	10/15/2019	398,911.13	2,050,995.88	33.5 - 43.5	137.55	140.74	d	94.24		
	Perched Zone	WP2	SMW-06	10/15/2019	399,172.35	2,048,759.48	12.0 - 22.0	147.92	150.97	s	126.04	0.49	Downward (SMW-06 to SMW-06B)
	Surficial Aquifer		SMW-06B	10/15/2019	399,144.74	2,048,764.94	58.0 - 68.0	146.86	150.32	d	103.15		
	Perched Zone	WP3	SMW-04A	10/15/2019	399,668.71	2,048,387.57	19.5 - 34.5	145.46	148.09	s	110.98	0.38	Downward (SMW-04A to SMW-04B)
	Surficial Aquifer		SMW-04B	10/15/2019	399,667.12	2,048,390.30	43.0 - 53.0	145.18	148.37	d	102.94		
	Perched Zone	WP4	SMW-05	10/15/2019	399,334.07	2,048,557.33	10.0 - 20.0	144.17	148.10	s	125.05	0.55	Downward (SMW-05 to SMW-05P)
	Surficial Aquifer		SMW-05P	10/15/2019	399,338.61	2,048,559.26	45.0 - 60.0	146.06	149.32	d	105.31		
	Perched Zone	WP5	MW-30	10/15/2019	397,340.79	2,050,776.09	10 - 15	144.95	147.67	s	133.01	1.0	Downward (MW-30 to PW-03)
	Surficial Aquifer		PW-03	10/15/2019	397,339.81	2,050,765.32	35 - 45	144.97	147.97	d	105.57		
	Perched Zone	WP6	NAF-08A	10/15/2019	398,097.99	2,050,886.62	5.0 - 15.0	145.54	148.82	s	138.54	1.1	Downward (NAF-08A to NAF-08B)
	Surficial Aquifer		NAF-08B	10/15/2019	398,095.64	2,050,879.94	43.5 - 53.5	145.62	148.86	d	95.99		
Perched / Black Creek	Perched Zone	WP7	MW-23	10/15/2019	396,233.43	2,051,061.52	9.5 - 14.5	145.17	148.34	s	133.93	0.70	Downward (MW-23 to BCA-02)
	Black Creek Aquifer		BCA-02	10/15/2019	396,242.32	2,051,062.21	92.0 - 102.0	145.20	148.42	d	74.55		
Surficial / Black Creek	Surficial Aquifer	WP8	PIW-9S	10/15/2019	396,148.11	2,052,251.10	24.75 - 29.75	76.80	79.53	s	49.06	0.46	Downward (PIW-9S to PIW-9D)
	Black Creek Aquifer		PIW-9D	10/15/2019	396,155.97	2,052,250.91	40.0 - 45.0	76.75	79.53	d	42.08		
	Surficial Aquifer	WP9	PIW-10S	10/15/2019	395,104.67	2,052,297.04	7.0 - 17.0	73.30	76.45	s	57.66	-0.083	Upward (PIW-10S to PIW-10DR)
	Black Creek Aquifer		PIW-10DR	10/15/2019	395,098.79	2,052,293.84	53.0 - 58.0	73.34	75.91	d	61.28		
	Surficial Aquifer	WP10	PIW-5S	10/15/2019	398,520.38	2,051,951.26	9.8 - 19.8	72.68	75.19	s	60.46	0.26	Downward (PIW-5S to PW-10R)
	Black Creek Aquifer		PW-10R	10/15/2019	398,516.12	2,051,936.59	57 - 67	73.28	75.90	d	48.15		
	Surficial Aquifer	WP11	PW-02	10/15/2019	399,779.06	2,050,649.47	50 - 60	143.76	146.43	s	90.05	0.064	Downward (PW-02 to BCA-01)
	Black Creek Aquifer		BCA-01	10/15/2019	399,780.06	2,050,662.22	91 - 101	143.26	146.30	d	87.38		
	Surficial Aquifer	WP12	SMW-11	10/15/2019	401,996.15	2,048,975.38	13 - 23	69.04	71.95	s	57.87	0.22	Downward (SMW-11 to PW-09)
	Black Creek Aquifer		PW-09	10/15/2019	401,997.39	2,048,980.54	44 - 54	74.76	77.49	d	52.24		
	Surficial Aquifer	WP13	MW-21D	10/15/2019	399,501.70	2,047,074.96	72 - 82	148.05	151.38	s	105.71	0.36	Downward (MW-21D to PW-12)
	Black Creek Aquifer		PW-12	10/15/2019	399,500.45	2,047,063.51	109 - 119	148.31	150.61	d	92.65		
	Surficial Aquifer	WP14	PW-05	10/15/2019	395,873.10	2,047,812.93	65 - 75	147.16	150.34	s	121.25	-0.010	Upward (BCA-04 to PW-05)
	Black Creek Aquifer		BCA-04	10/15/2019	395,877.67	2,047,823.11	94 - 104	147.07	150.24	d	121.55		
	Surficial Aquifer	WP15	PW-03	10/15/2019	397,339.81	2,050,765.32	35 - 45	144.97	147.97	s	105.57	0.19	Downward (PW-03 to PW-14)
	Black Creek Aquifer		PW-14	10/15/2019	397,325.65	2,050,766.36	136 - 146	145.13	147.97	d	86.86		
Floodplain / Surficial	Floodplain	WP16	PIW-1S	10/15/2019	400,540.61	2,051,792.59	7.8 - 17.8	50.78	54.20	s	32.59	-0.014	Upward (PIW-1S to PIW-1D)
	Black Creek Aquifer		PIW-1D	10/15/2019	400,547.77	2,051,801.42	24.5 - 29.5	49.53	52.33	d	32.81		
Floodplain/ Black Creek	Floodplain	WP17	PIW-7S	10/15/2019	396,787.00	2,052,589.49	7.0 - 17.0	45.81	48.39	s	42.51	-0.0092	Upward (PIW-7S to PIW-7D)
	Black Creek Aquifer		PIW-7D	10/15/2019	396,787.69	2,052,595.37	29.0 - 34.0	45.78	48.60	d	42.69		
	Floodplain	WP18	LTW-04	10/15/2019	397,280.24	2,052,583.60	12.0 - 27.0	49.34	51.86	s	42.55	-0.069	Upward (LTW-04 to PZ-22)
	Black Creek Aquifer		PZ-22	10/15/2019	397,272.80	2,052,584.04	36.0 - 46.0	49.03	51.81	d	44.06		
Other	Perched Zone	WP19	MW-25	10/15/2019	396,753.37	2,050,989.82	12.0 - 17.0	145.00	147.59	s	133.29	3.5	Downward (MW-25 to PZ-25)
	Perched Zone		PZ-25	10/15/2019	396,753.94	2,050,991.05	14.0 - 19.0	145.00	147.59	s	126.24		
	Old Outfall 002	WP20	Old Outfall 002	6/7/2019	--	--	NA	40.25	NA	s	40.63	0.037	Downward (Old Outfall 002 to PW-11)
	Black Creek Aquifer		PW-11	10/15/2019	394,354.00	2,052,227.00	53.0 - 63.0	70.19	73.26	d	39.60		

TABLE 7.1
VERTICAL GRADIENTS
Chemours Fayetteville Works, North Carolina

	Water Bearing Unit	Well Pair ID	Well ID	Gauging Date	Northing (NAD 83)	Easting (NAD 83)	Screened Interval (ft bgs)	Ground Elevation (ft NAVD88)	TOC Elevation (ft NAVD88)	Shallow/Deep	Groundwater Elevation (ft-NAVD88)	Vertical Gradient (feet/feet)	Direction
Offsite	Surficial Aquifer	WP21	Bladen-1S	10/15/2019	387,516.28	2,050,234.78	5 - 10	81.57	81.31	s	71.17	0.27	Downward (Bladen-1S to Bladen-1D)
	Black Creek Aquifer		Bladen-1D	10/15/2019	387,519.56	2,050,248.83	37 - 47	81.72	81.52	d	61.80		
	Surficial Aquifer	WP22	Bladen-2S	10/15/2019	368,818.78	2,042,884.35	10 - 20	143.01	142.62	s	135.63	0.23	Downward (Bladen-2S to Bladen-2D)
	Black Creek Aquifer		Bladen-2D	10/15/2019	368,824.41	2,042,879.78	70 - 75	143.11	142.85	d	122.35		
	Surficial Aquifer	WP23	Bladen-3S	10/15/2019	396,859.62	2,059,014.36	5 - 15	79.40	78.84	s	69.33	0.020	Downward (Bladen-3S to Bladen-3D)
	Black Creek Aquifer		Bladen-3D	10/15/2019	396,854.29	2,059,007.99	33.75 - 43.75	79.59	79.09	d	68.77		
	Surficial Aquifer	WP24	Bladen-4S	10/15/2019	363,260.51	2,087,638.88	4.75 - 14.75	64.65	64.26	s	58.42	-0.11	Upward (Bladen-4D to Bladen-4S)
	Black Creek Aquifer		Bladen-4D	10/15/2019	363,252.43	2,087,638.29	46.75 - 51.75	64.67	64.23	d	62.80		
	Surficial Aquifer	WP25	Cumberland-1S	10/15/2019	431,477.66	2,011,002.07	15 - 25	179.70	179.41	s	172.25	0.014	Downward (Cumberland-1S to Cumberland-1D)
	Black Creek Aquifer		Cumberland-1D	10/15/2019	431,477.66	2,011,002.07	40 - 50	179.58	179.18	d	171.91		
	Surficial Aquifer	WP26	Cumberland-2S	10/15/2019	450,054.48	2,074,001.35	7 - 17	133.87	133.61	s	127.70	-0.010	Upward (Cumberland-2D to Cumberland-2S)
	Black Creek Aquifer		Cumberland-2D	10/15/2019	450,054.48	2,074,001.35	47 - 57	134.06	133.79	d	128.11		
	Surficial Aquifer	WP27	Cumberland-3S	10/15/2019	423,131.53	2,060,380.35	9 - 14	83.87	83.62	s	74.89	-0.021	Upward (Cumberland-3D to Cumberland-3S)
	Black Creek Aquifer		Cumberland-3D	10/15/2019	423,131.53	2,060,380.35	22 - 27	83.59	83.34	d	75.17		
	Surficial Aquifer	WP28	Cumberland-4S	10/15/2019	413,160.26	2,078,233.75	10 - 20	124.15	123.93	s	116.42	0.14	Downward (Cumberland-4S to Cumberland-4D)
	Black Creek Aquifer		Cumberland-4D	10/15/2019	413,160.26	2,078,233.75	57 - 67	124.09	123.79	d	109.97		
	Surficial Aquifer	WP29	Cumberland-5S	10/15/2019	405,673.82	2,138,069.54	14 - 24	107.00	106.65	s	101.88	0.10	Downward (Cumberland-5S to Cumberland-5D)
	Black Creek Aquifer		Cumberland-5D	10/15/2019	405,673.82	2,138,069.54	52 - 57	107.02	106.67	d	98.29		
	Surficial Aquifer	WP30	Robeson-1S	10/15/2019	381,338.72	2,020,239.81	17 - 27	161.51	161.22	s	143.07	-0.16	Upward (Robeson-1D to Robeson-1S)
	Black Creek Aquifer		Robeson-1D	10/15/2019	381,338.72	2,020,239.81	42.75 - 52.75	161.23	160.93	d	147.19		

Notes:
1. Well pairs only include locations where depth to water level in both wells were synoptically measured in October 2019.
2. Calculated negative vertical gradient values represent potential for upward flow and positive vertical gradient values represent potential for downward flows.
3. "s" and "d" represent shallower and deeper well screens between the wells in each pair.
4. Direction indicates potential for upward or downward groundwater flow in each well pair.
5. Water column depth from Old Outfall 002 channel bottom presented. Measurements collected during volumetric flow measurements presented in the *Seeps and Creeks Investigation Report* (Geosyntec, 2019).

NA - Not Applicable
NAD83 - North American Datum of 1983; horizontal control datum
NAVD88 - North American Vertical Datum of 1988; vertical control datum established in 1991
ft bgs - feet below ground surface
TOC - top of casing
-- data not available

Attachment A

PFAS Signature Analysis

ATTACHMENT A: PFAS SIGNATURES METHODS AND RESULTS

1 INTRODUCTION AND OBJECTIVES

This attachment provides details of the statistical method used to facilitate identification of PFAS signatures in onsite and offsite areas, a summary of the results of the analysis, and a discussion of the probable origins in the signatures.

Hierarchical cluster analysis (HCA), was used to evaluate the relative proportions of Consent Order (CO) Attachment C PFAS concentrations in onsite and offsite groundwater and surface water to identify: (i) groups of samples that share similar compositions in terms of proportions of CO Attachment C PFAS, and (ii) the PFAS compounds driving these groupings. Post hoc analyses using statistical plotting methods were used to validate and refine the results of the HCA. The results of these analyses were used to infer PFAS signatures across the onsite and offsite areas. The analysis was performed using R software (R Core Team, 2018).

2 STATISTICAL METHODS

2.1 Data Preparation

The hierarchical cluster analysis was performed similarly to the one performed for the Corrective Action Plan (Geosyntec, 2019); however, the data set was updated to include:

- Monitoring data generated in 2020 from surface water sampling sites and groundwater monitoring wells;
- Higher spatial resolution monitoring samples from surface water at Willis Creek, Georgia Branch Creek, Old Outfall 002, and onsite and offsite groundwater seeps collected in 2019; and
- All offsite drinking water wells sampled between 2017 and early March 2021.

This analysis used data for ten (10) Table 3+ PFAS listed in Attachment C of the Consent Order. Private drinking water wells were analyzed for CO Attachment C PFAS and, therefore, this was the set of Table 3+ PFAS that could facilitate the identification and subsequent comparison of signatures between the samples of drinking water data and the groundwater and surface water data sets. PFECA-G was excluded from the analysis due to its extremely low detection frequency of less than 0.13% in drinking water samples and 0% in groundwater and surface water samples. Also, samples with no detected CO Attachment C compounds were excluded from the analysis; a PFAS signature assessment on non-detect data is not possible.

For groundwater monitoring wells, samples collected in 2020 were used in this analysis. This was done for two reasons: (i) the 2020 data is more representative of current conditions at the Site and (ii) a comparison of Total PFAS concentrations in these onsite groundwater wells between 2019 (data from previous analysis) and 2020 (current analysis) showed similar concentrations, with the average ratio between 2019 and 2020 concentrations being approximately one (1). Finally, the results of this analysis showed good agreement with the previous analysis. Specifically,

groundwater samples, in general, grouped the same using both the 2019 and 2020 data sets, and exhibited the same PFAS signatures (Predominantly PFMOAA, Mixture of PFAS, and Predominantly PMPA). Accordingly, the addition of historical groundwater data does not provide any additional information on PFAS signatures.

2.2 Hierarchical Cluster Analysis

HCA is a multivariate statistical method that can identify common groups, such as clusters of wells within a large data set that contain similar PFAS compounds and concentration compositions. HCA builds a hierarchy from the bottom-up and does not require the number of clusters to be specified beforehand (Hastie et al. 2009). The idea behind the HCA clustering algorithm is as follows: 1. Begin by assuming each groundwater well is in its own cluster. 2. Identify the closest two clusters and combine them into one cluster. 3. Repeat the above step until all the data points are in a single cluster. To perform step 2 above, a distance metric (to quantify the dissimilarity between clusters) and an agglomeration criterion need to be selected. Many distances are available (Manhattan, Euclidean, etc.) as well as several agglomeration methods (Ward, single, centroid, etc.). For this analysis, the Manhattan distance and Ward's method were used to perform the HCA. The Ward's method minimizes the sum of squares of any two (hypothetical) clusters that can be formed at each step. This method produces compact clusters of similar size and is one of the most common methods used for environmental concentration data.

The results of HCA are displayed using a tree-based graphical representation known as a dendrogram. Each leaf of the dendrogram (vertical line) corresponds to a well and wells that are similar to each other are merged into branches (horizontal lines). The height of each merge indicates the similarity between two clusters. Therefore, merges that occur higher up represent less similar clusters. To determine the optimal number of clusters, a "majority rule" approach can be used. This approach involves simultaneously calculating several indices (e.g., Elbow, Silhouette Gap statistics, etc.) to determine the relevant number of clusters and the number proposed by the majority of indices is the optimal number of clusters (Charrad et al., 2014).

3 RESULTS

3.1 HCA Results

The results of the HCA suggested that either two or four clusters were optimal for these samples. In the four-cluster solution, high concentration samples from onsite monitoring wells and surface water locations with a signature dominated by PFMOAA were assigned to a separate cluster (Figure A1). A two-cluster solution was not able to break out this distinct cluster as the number of offsite drinking water samples (n = 4768) is much greater than the number of higher concentration onsite samples (n = 162). Therefore, the four-cluster solution was chosen and the samples within each cluster were grouped as follows:

- Cluster 1 was comprised of drinking water samples with a mixture of PFAS but with a high proportion of PMPA;
- Cluster 2 was comprised of drinking water samples with predominantly PMPA and very little of other PFAS;

- Cluster 3 was the most variable and was comprised of both onsite and offsite samples with a mixture of PFAS; and
- Cluster 4 was comprised of onsite groundwater and surface water samples with predominantly PFMOAA.

3.2 Post-hoc Analysis Results

To evaluate these clusters, a post hoc analysis was conducted using statistical plots to examine the concentration distributions of the sum of the three indicator PFAS (PMPA, PFMOAA, HFPO-DA) across the four clusters. Figure A2 shows boxplots of the concentrations by cluster. In general, median PFAS concentrations were highest in Cluster 4 (onsite samples with predominantly PFMOAA) and lowest in the Cluster 2 (drinking water samples with predominantly PMPA).

Next, quantile-quantile (QQ) plots were prepared to determine whether the samples within each cluster were from the same underlying population. In a QQ plot, the sum of the 3 indicator PFAS concentrations are plotted against the expected quantiles of a theoretical probability distribution, normal distribution. Since these concentrations spanned orders of magnitude, the concentrations were log-transformed and plotted against the quantiles of a lognormal distribution. If the points follow a strong linear pattern (fall along the 1:1 line), then that suggests the data follow a lognormal distribution. If there are significant and obvious jumps and breaks in the QQ plot, then this suggests the presence of more than one population. Samples from Clusters 1 and 2 had the lowest concentrations and concentrations fell along the 1:1 line, which is consistent with a single population (Figures A3 and A4). Therefore, these two clusters were not subdivided.

In contrast, Cluster 3 (cluster with a mixture of PFAS with HFPO-DA and/or PMPA predominant) consisted primarily of samples at relatively low concentrations with a group of samples at higher concentrations that deviate substantially from the 1:1 line in the QQ plot (Figure A5). This cluster was subdivided into two groups: (i) those samples with Total 3 indicator PFAS concentrations less than 10,000 ng/L and (ii) those with Total 3 indicator PFAS concentrations equal to or greater than 10,000 ng/L. The lower concentration samples in Cluster 3 were mostly drinking water samples and were observed to have similar PFAS profiles to Cluster 1, with a mixture of PFAS and a large proportion of PMPA. These samples were subsequently regrouped with the Cluster 1 samples.

Cluster 4 consisted primarily of samples at relatively high concentrations from onsite groundwater and surface water locations. However, there were a small number of outlier samples at relatively low concentrations that deviate substantially from the 1:1 line in the QQ plot (Figure A6). These were offsite drinking water samples with low concentrations and were few in number (13 of 4768 drinking water samples, 0.27%). These samples are scattered geographically and are likely anomalous analytical results that do not indicate a meaningful pattern. Therefore, these samples were removed from Cluster 4 and not reclassified due to insufficient data.

3.3 Inferred PFAS Signatures

Based on the combined results of the HCA and post-hoc analysis, the following four PFAS signatures were inferred and are discussed further below:

- Aerial – Predominantly PMPA (n = 1204, HCA Cluster 2)
- Aerial – Mixture of PFAS (n = 3602, HCA Cluster 1 and Cluster 3 with total 3 indicator PFAS < 10,000 ng/L)
- Process Water – Mixture of PFAS (n = 49, HCA Cluster 3 with total 3 indicator PFAS > 10,000 ng/L)
- Process Water – Predominantly PFMOAA (n = 94, HCA Cluster 4)

The spatial distribution of samples within each PFAS signature grouping are provided in the main memo Figures 1.5 through 1.10. The PFAS signatures for the 4,949 samples are tabulated in Table A1, which includes the Total CO Attachment C PFAS concentrations and Total 3 indicator PFAS concentrations.

The Aerial Predominantly PMPA group consists entirely of offsite drinking water samples and the Aerial Mixture of PFAS group consists predominantly of offsite drinking water samples. The PFAS signature present in these samples with a dominant proportion of PMPA is likely due to aerial transport of PFAS to these areas that are not connected to the Site by groundwater or surface water flows. Accordingly, these two groups were assigned a signature of Aerial Deposition. The difference in composition between samples in each group is likely due to detection of a reduced number of different CO Attachment C PFAS in drinking water samples with lower PFAS concentrations.

The Process Water Mixture of PFAS group contains surface water and onsite groundwater samples. These samples had slightly higher concentrations than the Aerial signature groups and are likely impacted by process water that were not high in PFMOAA. However, these samples do not have a high proportion of PMPA like the samples in the Aerial Mixture of PFAS group, and therefore resemble more of a process water signature. The Process Water Predominantly PFMOAA group consist of samples with the highest concentrations, and geographically the samples are on and around the Site, where direct impacts from process water containing PFMOAA are a plausible route to high concentrations of PFMOAA.

4 DISCUSSION

The prominence of PFMOAA in the process water signature and PMPA in the aerial deposition signature result from the different manufacturing operations and the physicochemical properties of each compound. PFMOAA reaches process wastewater, which was historically directed to the common waste sump, while the precursor to PMPA, PMPF[1], is a small, volatile compound that was emitted to air prior to installation of the thermal oxidizer.

[1] PMPF is the acid fluoride form of PMPA. PMPF hydrolyzes to PMPA in the presence of water.

REFERENCES

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Hastie, T., Tibshirani, R. and Friedman, J., 2009. The Elements of Statistical Learning: Data Mining, Inference, and Prediction. Biometrics.

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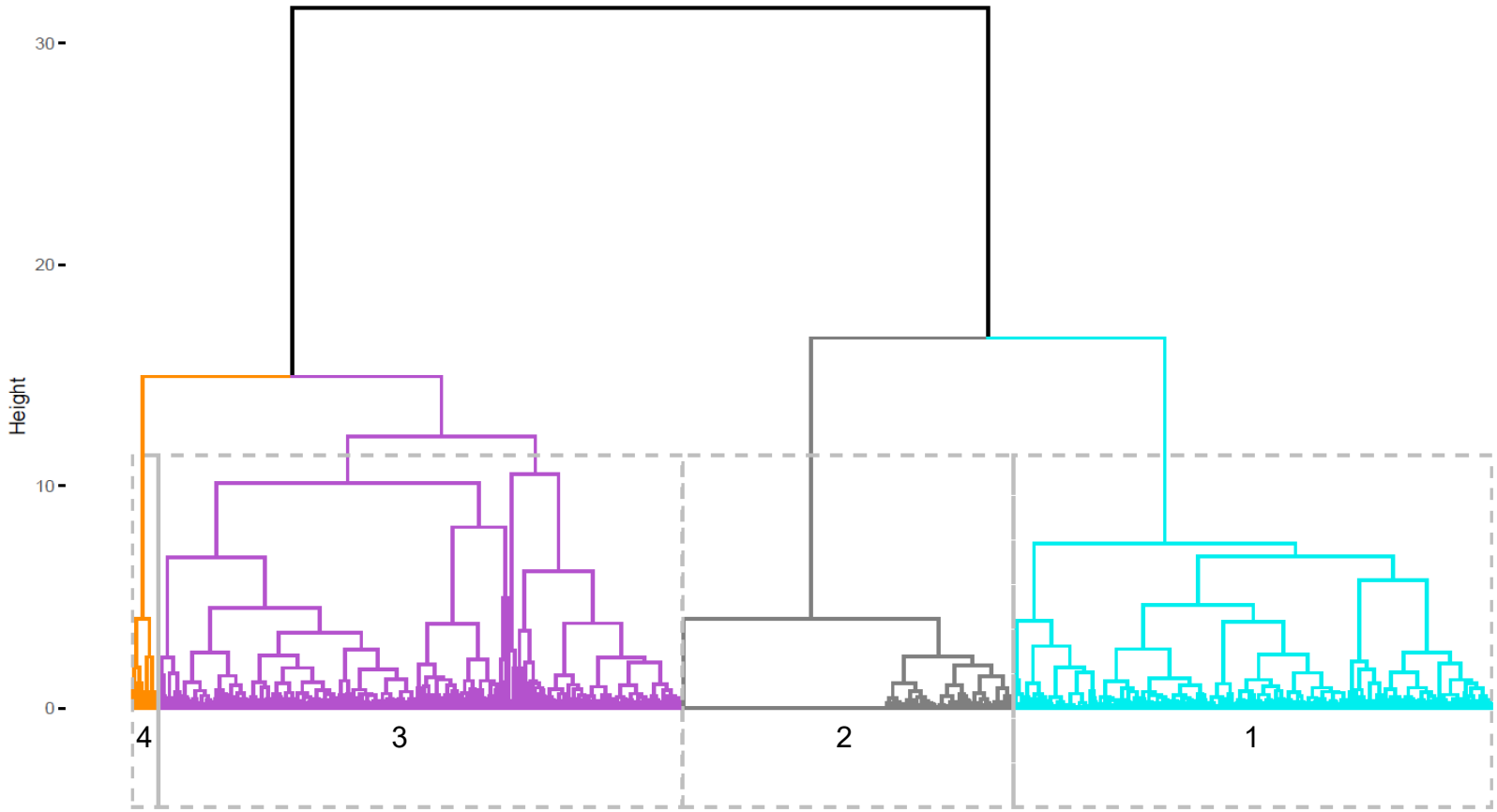

Notes:

1. The hierarchical cluster analysis (HCA) was performed using Manhattan distances and Ward's method with proportions of Consent Order (CO) Attachment C PFAS in each sample.
2. Joins at greater heights indicate greater dissimilarity.

PFAS - per- and polyfluoroalkyl substances

Dendrogram of HCA Results for 4 Clusters

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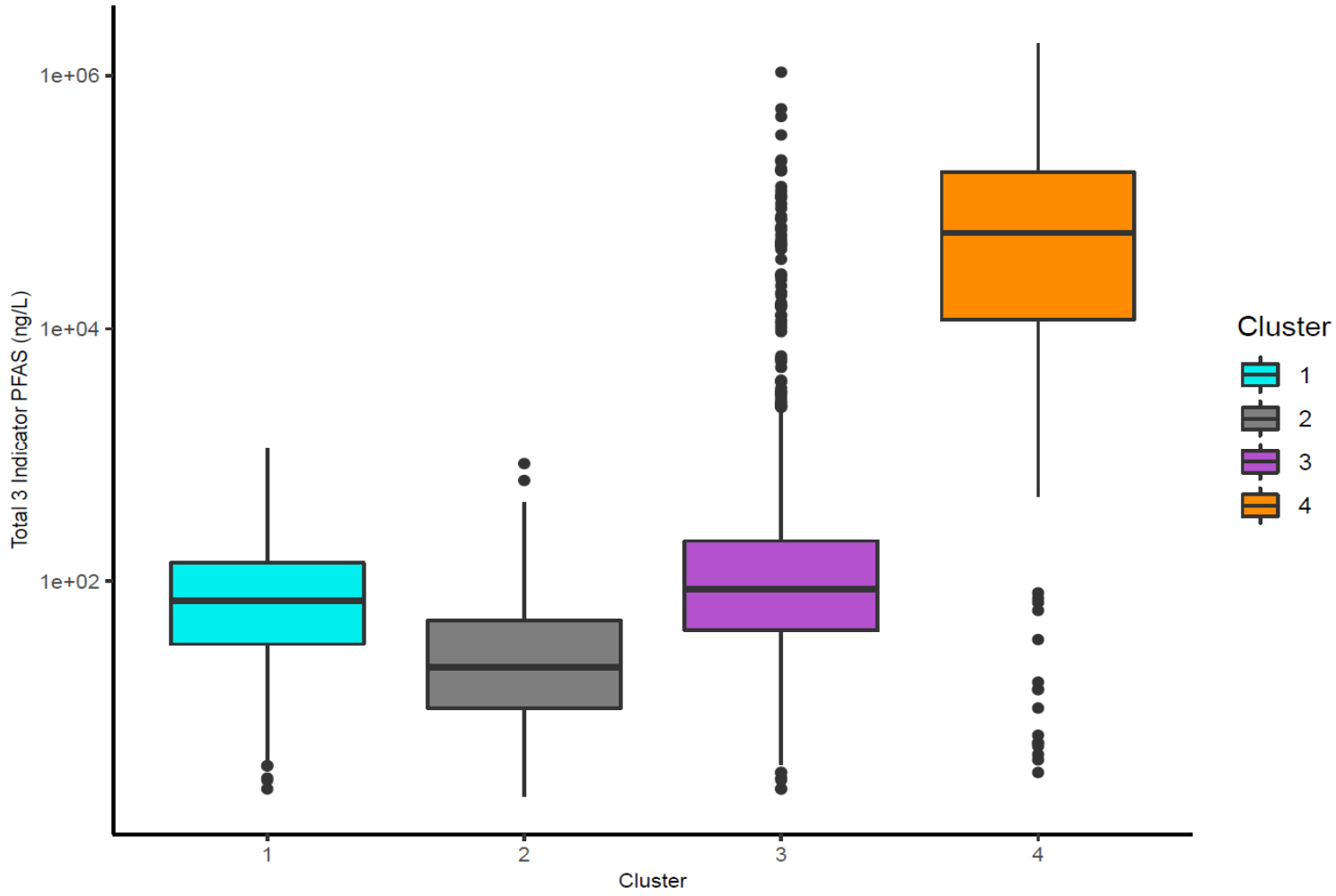
Figure

A1



Notes:

1. The midline in each box is the median. The top and bottom of the box are the 75th and 25th percentile, respectively. The lines extend up to 1.5 times the interquartile range (distance from 25th to 75th percentile) from the top and bottom of the box or to the maximum or minimum. Any data outside the lines are plotted as outliers.
2. Total 3 Indicator PFAS is the sum of detected PFMOAA, PMPA, and HFPO-DA concentrations.

ng/L - nanograms per liter

PFAS - per- and polyfluoroalkyl substances

Boxplots of Total 3 Indicator PFAS Concentrations by Cluster

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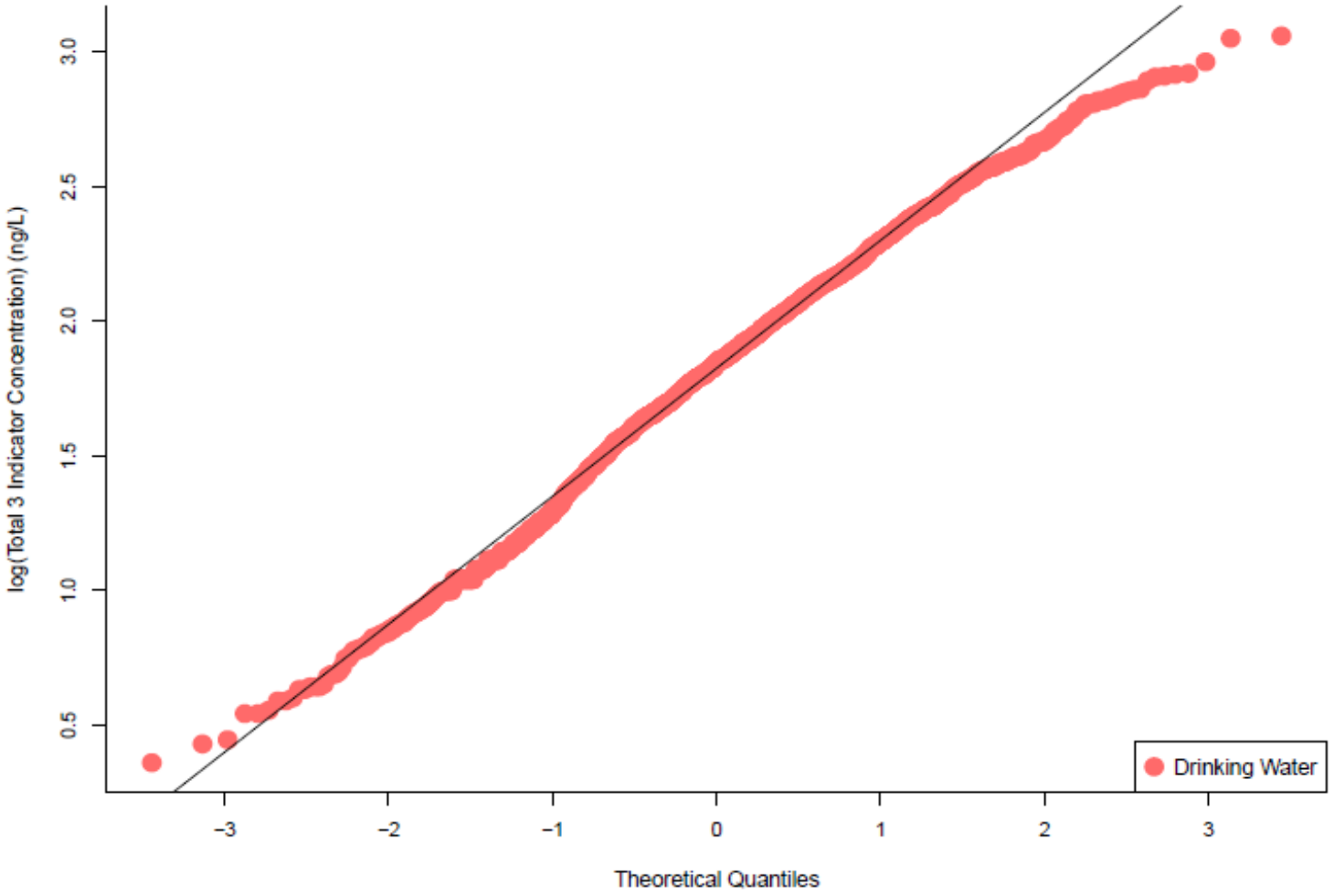
Figure

A2



Notes:

1. In the quantile-quantile (QQ) plot, x-axis plots the percentiles of a lognormal distribution and the y-axis plots concentrations of the three indicator PFAS.
2. Points along the diagonal line indicate a good fit to the theoretical lognormal distribution.
3. Total 3 Indicator PFAS - sum of detected PFMOAA, PMPA, and HFPO-DA concentrations.
4. Significant and obvious jumps and breaks in a QQ plot can indicate the presence of more than one population.

ng/L - nanograms per liter

PFAS - per- and polyfluoroalkyl substances

Cluster 1 - QQ Plot of Total 3 Inidicator PFAS Concentrations

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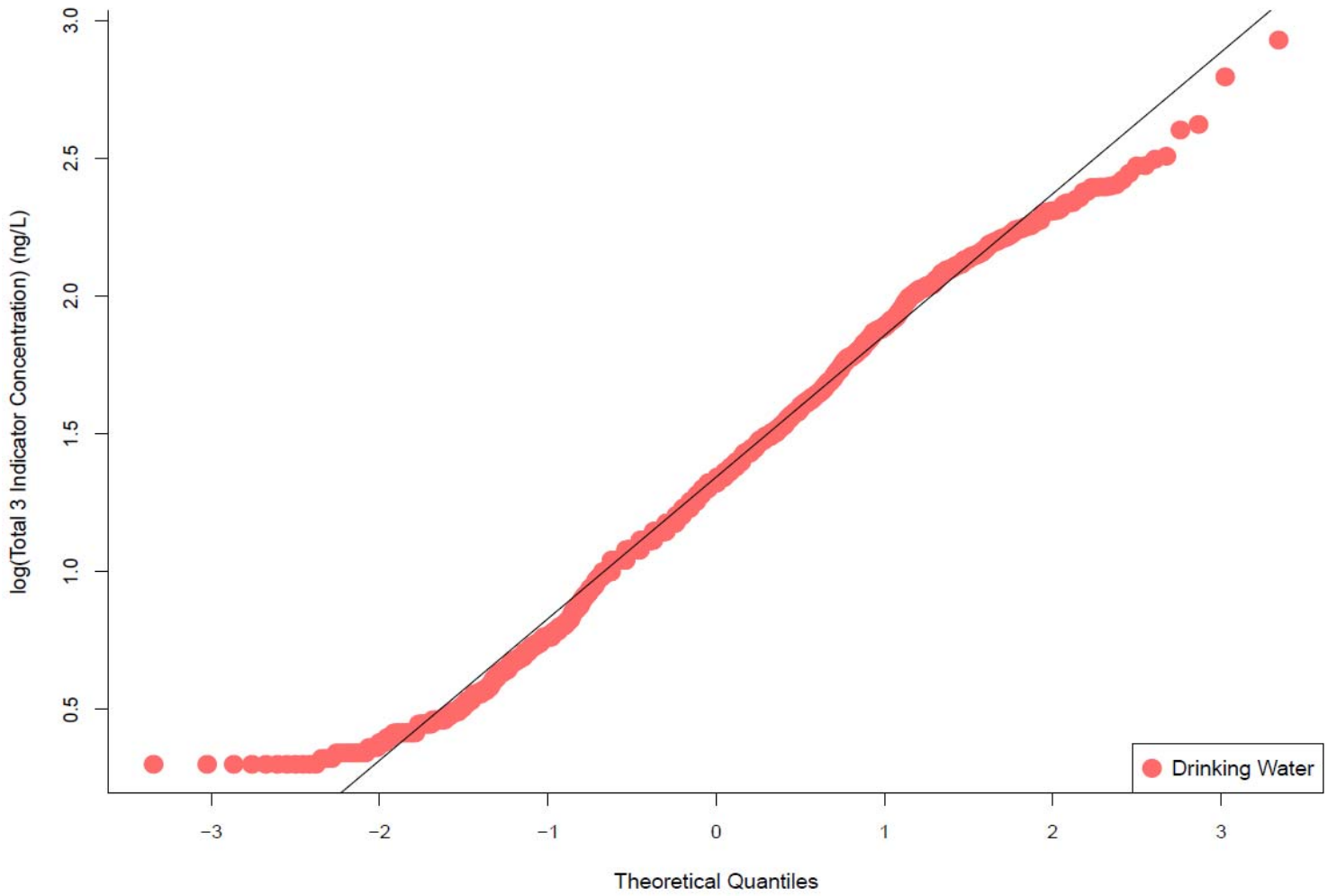
Figure

A3



Notes:

1. In the quantile-quantile (QQ) plot, x-axis plots the percentiles of a lognormal distribution and the y-axis plots concentrations of the three indicator PFAS.
2. Points along the diagonal line indicate a good fit to the theoretical lognormal distribution.
3. Total 3 Indicator PFAS - sum of detected PFMOAA, PMPA, and HFPO-DA concentrations.
4. Significant and obvious jumps and breaks in a QQ plot can indicate the presence of more than one population.

ng/L - nanograms per liter

PFAS - per- and polyfluoroalkyl substances

Cluster 2 - QQ Plot of Total 3 Inidicator PFAS Concentrations

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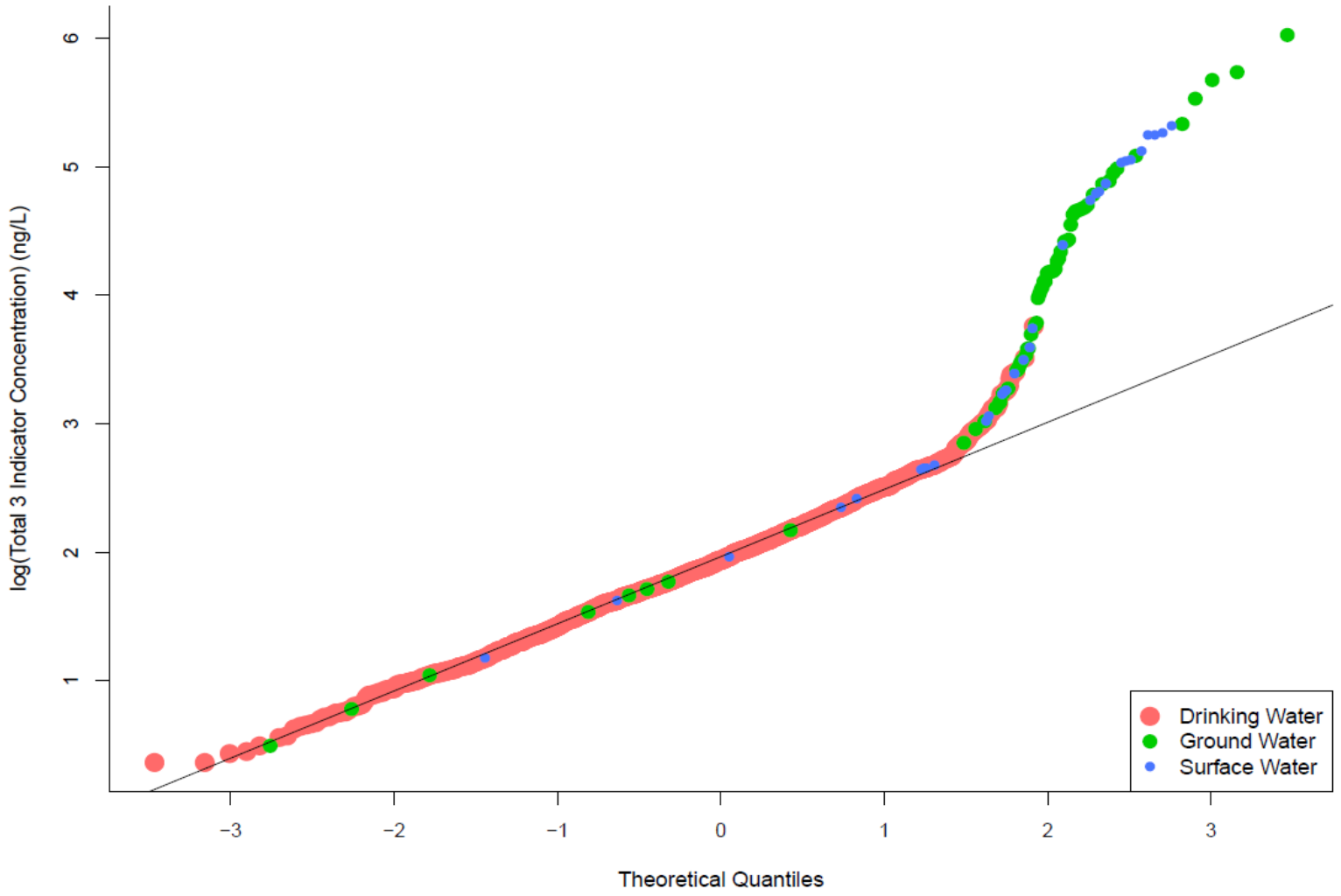
Figure

A4



Notes:

1. In the quantile-quantile (QQ) plot, x-axis plots the percentiles of a lognormal distribution and the y-axis plots concentrations of the three indicator PFAS.
2. Points along the diagonal line indicate a good fit to the theoretical lognormal distribution.
3. Total 3 Indicator PFAS - sum of detected PFMOAA, PMPA, and HFPO-DA concentrations.
4. Significant and obvious jumps and breaks in a QQ plot can indicate the presence of more than one population.

ng/L - nanograms per liter

PFAS - per- and polyfluoroalkyl substances

Cluster 3 - QQ Plot of Total 3 Inidicator PFAS Concentrations

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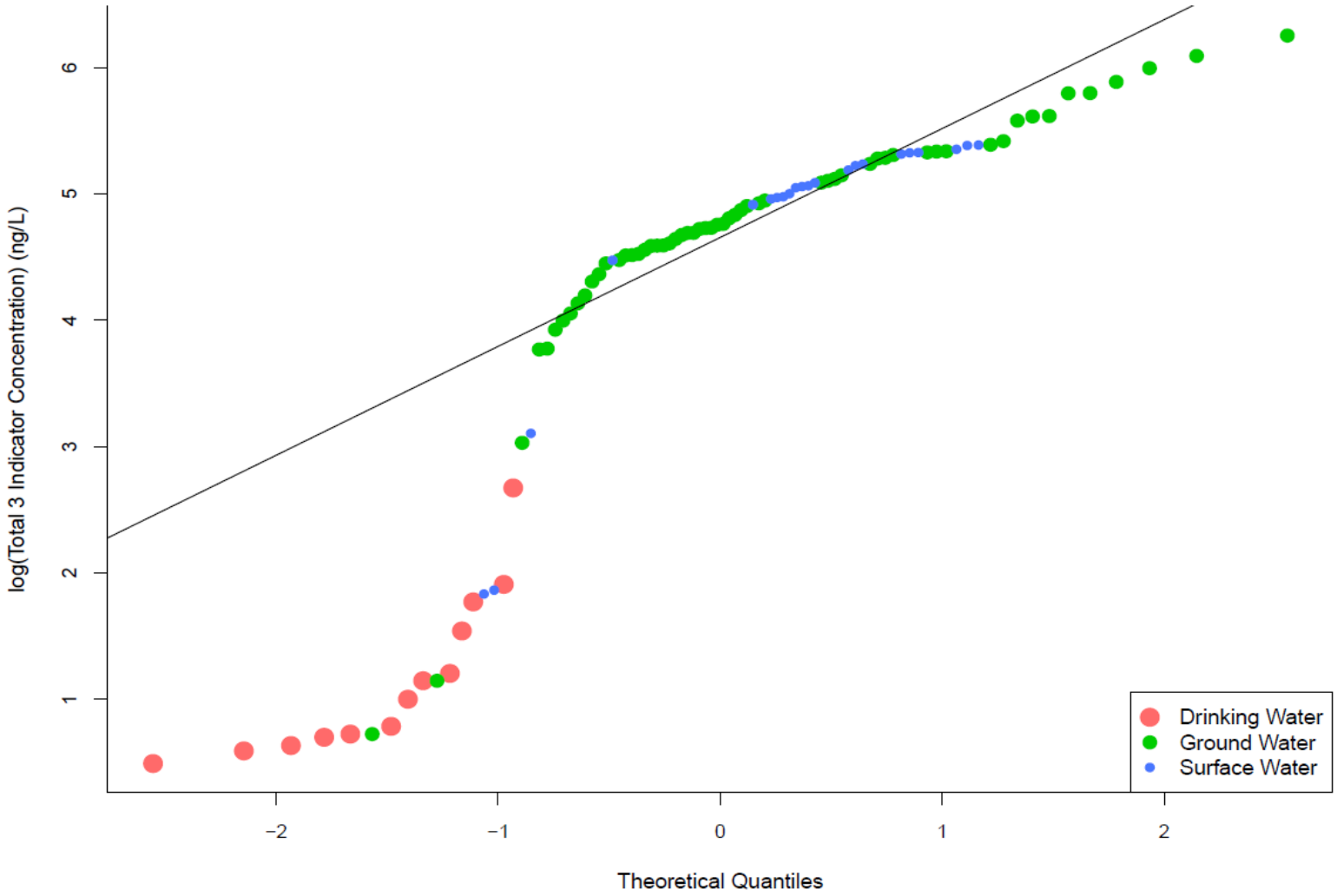
Figure

A5



Notes:

1. In the quantile-quantile (QQ) plot, x-axis plots the percentiles of a lognormal distribution and the y-axis plots concentrations of the three indicator PFAS.
2. Points along the diagonal line indicate a good fit to the theoretical lognormal distribution.
3. Total 3 Indicator PFAS - sum of detected PFMOAA, PMPA, and HFPO-DA concentrations.
4. Significant and obvious jumps and breaks in a QQ plot can indicate the presence of more than one population.

ng/L - nanograms per liter

PFAS - per- and polyfluoroalkyl substances

Cluster 4 - QQ Plot of Total 3 Inidicator PFAS Concentrations

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Figure

A6

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
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Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Onsite	Surface Water	OLDOF-2J	2/2/2019	13%	7%	19%	4%	0%	0%	41%	16%	0%	0%	5500	9000
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-F	3/4/2020	20%	13%	12%	2%	0%	0%	39%	13%	0%	0%	3900	5400
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-E	3/4/2020	22%	9%	11%	2%	0%	0%	42%	14%	1%	0%	3100	4300
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-G	3/4/2020	21%	6%	12%	2%	0%	0%	43%	15%	0%	0%	2500	3500
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-H	3/4/2020	21%	7%	13%	1%	0%	0%	43%	14%	0%	0%	1800	2500
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-I	3/4/2020	19%	8%	11%	1%	0%	0%	45%	16%	0%	0%	1800	2500
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-K	3/4/2020	21%	9%	10%	1%	0%	0%	43%	15%	1%	0%	1700	2300
Aerial - Mixture of PFAS	Onsite	Surface Water	GBC-1	7/28/2020	26%	4%	18%	3%	1%	0%	38%	10%	1%	0%	1100	1700
Aerial - Mixture of PFAS	Offsite	Surface Water	SEEP-J	3/4/2020	18%	10%	9%	1%	0%	0%	47%	14%	0%	0%	1100	1400
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-2	2/7/2019	19%	8%	21%	0%	0%	0%	43%	9%	0%	0%	480	680
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-3	2/7/2019	21%	11%	20%	0%	0%	0%	48%	0%	0%	0%	450	560
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-IP-1	9/30/2020	16%	13%	21%	3%	1%	0%	37%	8%	1%	0%	450	680
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-IP-2	9/30/2020	18%	13%	21%	3%	1%	0%	36%	7%	1%	0%	450	670
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-IP-3	9/30/2020	16%	13%	21%	3%	1%	0%	37%	8%	1%	0%	450	670
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-IP-4	9/30/2020	16%	15%	22%	3%	1%	0%	34%	7%	2%	0%	440	670
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-4	2/7/2019	15%	0%	24%	0%	0%	0%	61%	0%	0%	0%	260	340
Aerial - Mixture of PFAS	Onsite	Surface Water	WC-5	2/7/2019	9%	0%	20%	0%	0%	0%	51%	20%	0%	0%	220	370
Aerial - Mixture of PFAS	Onsite	Surface Water	OUTFALL 002	7/29/2020	39%	0%	12%	2%	1%	0%	25%	0%	4%	17%	92	140
Aerial - Mixture of PFAS	Offsite	Surface Water	CFR-KINGS	7/31/2020	17%	0%	29%	9%	4%	0%	42%	0%	0%	0%	42	72
Aerial - Mixture of PFAS	Onsite	Surface Water	RIVER WATER INTAKE 2	7/29/2020	60%	0%	40%	0%	0%	0%	0%	0%	0%	0%	15	25
Aerial - Mixture of PFAS	Offsite	Surface Water	CFR-MILE-76	7/28/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2
Aerial - Mixture of PFAS	Onsite	Groundwater	SMW-11	7/29/2020	33%	19%	19%	3%	2%	0%	18%	5%	1%	0%	9500	13000
Aerial - Mixture of PFAS	Onsite	Groundwater	PZ-21R	8/6/2020	22%	10%	28%	3%	3%	3%	22%	6%	1%	0%	6100	11000
Aerial - Mixture of PFAS	Onsite	Groundwater	PZ-35	8/6/2020	24%	6%	24%	4%	4%	3%	26%	7%	1%	0%	5900	10000
Aerial - Mixture of PFAS	Onsite	Groundwater	MW-22D	7/24/2020	52%	4%	10%	1%	1%	0%	24%	7%	0%	0%	5000	6200
Aerial - Mixture of PFAS	Onsite	Groundwater	MW-21D	7/20/2020	66%	2%	7%	1%	0%	0%	19%	5%	0%	0%	3900	4400
Aerial - Mixture of PFAS	Onsite	Groundwater	PIW-16S	9/28/2020	36%	2%	15%	2%	1%	0%	31%	11%	1%	0%	3800	5500
Aerial - Mixture of PFAS	Onsite	Groundwater	PZ-20R	8/6/2020	30%	0%	33%	6%	3%	0%	21%	7%	1%	0%	3400	6700
Aerial - Mixture of PFAS	Onsite	Groundwater	PW-06	7/14/2020	30%	5%	18%	3%	2%	0%	32%	10%	1%	0%	3100	4700
Aerial - Mixture of PFAS	Onsite	Groundwater	SMW-01	7/29/2020	30%	5%	19%	4%	2%	0%	30%	9%	1%	0%	3000	4600
Aerial - Mixture of PFAS	Onsite	Groundwater	MW-19D	7/20/2020	36%	7%	20%	5%	2%	0%	23%	7%	0%	0%	2900	4400
Aerial - Mixture of PFAS	Onsite	Groundwater	PW-05	7/14/2020	29%	6%	20%	2%	3%	0%	31%	8%	1%	0%	2700	4200
Aerial - Mixture of PFAS	Onsite	Groundwater	MW-17D	7/14/2020	19%	5%	15%	2%	0%	0%	46%	11%	1%	0%	2600	3700
Aerial - Mixture of PFAS	Onsite	Groundwater	PW-07	7/14/2020	22%	9%	26%	3%	2%	0%	30%	7%	0%	0%	2600	4300
Aerial - Mixture of PFAS	Onsite	Groundwater	PIW-13	10/1/2020	29%	6%	10%	0%	0%	0%	48%	7%	0%	0%	1900	2300
Aerial - Mixture of PFAS	Onsite	Groundwater	PW-04	7/16/2020	24%	7%	24%	9%	2%	0%	26%	8%	0%	0%	1700	3000
Aerial - Mixture of PFAS	Onsite	Groundwater	INSITU-01	7/20/2020	27%	9%	19%	2%	0%	0%	34%	8%	1%	0%	1500	2100
Aerial - Mixture of PFAS	Onsite	Groundwater	PIW-12	10/1/2020	42%	6%	8%	0%	0%	0%	38%	6%	0%	0%	1400	1700
Aerial - Mixture of PFAS	Onsite	Groundwater	PZ-28	7/21/2020	25%	3%	15%	2%	3%	2%	35%	14%	1%	0%	1300	2100
Aerial - Mixture of PFAS	Onsite	Groundwater	PZ-26	7/21/2020	19%	3%	25%	2%	3%	1%	33%	12%	1%	0%	1000	1900
Aerial - Mixture of PFAS	Onsite	Groundwater	MW-18D	7/16/2020	30%	5%	11%	1%	0%	0%	43%	10%	0%	0%	910	1200
Aerial - Mixture of PFAS	Onsite	Groundwater	FTA-01	7/20/2020	31%	11%	11%	3%	4%	6%	13%	7%	12%	0%	710	1300
Aerial - Mixture of PFAS	Offsite	Groundwater	CUMBERLAND-4S	7/10/2020	20%	8%	22%	4%	2%	0%	37%	6%	1%	0%	150	230
Aerial - Mixture of PFAS	Offsite	Groundwater	BLADEN-2S	7/14/2020	4%	18%	27%	0%	0%	0%	41%	0%	9%	0%	59	92
Aerial - Mixture of PFAS	Offsite	Groundwater	BLADEN-3S	7/10/2020	6%	16%	25%	3%	0%	0%	45%	0%	5%	0%	52	77
Aerial - Mixture of PFAS	Offsite	Groundwater	ROBESON-1S	7/9/2020	0%	21%	30%	0%	0%	0%	39%	0%	11%	0%	46	78
Aerial - Mixture of PFAS	Offsite	Groundwater	CUMBERLAND-3S	7/10/2020	10%	14%	36%	0%	0%	0%	37%	0%	4%	0%	34	56

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Onsite	Groundwater	BCA-04	7/13/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11	11
Aerial - Mixture of PFAS	Offsite	Groundwater	CUMBERLAND-2S	7/9/2020	0%	60%	40%	0%	0%	0%	0%	0%	0%	0%	6	10
Aerial - Mixture of PFAS	Offsite	Groundwater	CUMBERLAND-1S	7/8/2020	0%	38%	62%	0%	0%	0%	0%	0%	0%	0%	3.1	8.2
Aerial - Mixture of PFAS	Onsite	Groundwater	SMW-10	7/20/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	18%	5%	14%	2%	1%	0%	46%	13%	1%	0%	5800	8300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2017	25%	5%	16%	3%	0%	0%	38%	12%	0%	0%	3200	4800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	33%	6%	17%	2%	1%	0%	31%	9%	1%	0%	2500	3600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	18%	6%	16%	2%	0%	0%	45%	11%	2%	0%	2500	3500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2017	35%	5%	9%	0%	0%	0%	39%	12%	0%	0%	2400	3100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/22/2017	18%	7%	13%	0%	0%	0%	50%	12%	0%	0%	2400	3200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	33%	7%	24%	3%	1%	0%	22%	8%	2%	0%	2200	3600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/7/2020	19%	3%	10%	1%	0%	0%	54%	12%	1%	0%	2000	2600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/7/2017	24%	6%	20%	3%	0%	0%	36%	11%	0%	0%	1800	2800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2017	26%	6%	13%	0%	0%	0%	42%	12%	0%	0%	1800	2400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2017	19%	6%	15%	3%	0%	0%	46%	10%	0%	0%	1700	2400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	10%	8%	13%	1%	0%	0%	57%	11%	1%	0%	1400	1900
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	31%	7%	14%	2%	0%	0%	34%	11%	0%	0%	1400	2000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2017	14%	4%	7%	0%	0%	0%	61%	13%	0%	0%	1300	1600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2017	15%	5%	10%	0%	0%	0%	56%	11%	3%	0%	1300	1700
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	19%	7%	18%	0%	0%	0%	43%	13%	0%	0%	1300	1900
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	20%	5%	22%	6%	0%	0%	36%	10%	1%	0%	1300	2200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	19%	5%	22%	4%	0%	0%	39%	11%	0%	0%	1300	2100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2017	27%	5%	17%	0%	0%	0%	41%	10%	0%	0%	1200	1700
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	19%	4%	9%	0%	0%	0%	52%	16%	0%	0%	1200	1600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	12%	32%	12%	2%	0%	29%	12%	0%	0%	1200	2900
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	0%	10%	28%	2%	1%	0%	45%	13%	1%	0%	1100	1900
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	20%	5%	13%	0%	0%	0%	50%	12%	0%	0%	1100	1500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	8%	3%	7%	0%	0%	0%	81%	0%	1%	0%	1100	1200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	10%	5%	8%	0%	0%	0%	64%	13%	0%	0%	1100	1400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	13%	10%	20%	2%	1%	0%	45%	8%	2%	0%	1100	1600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	13%	8%	23%	4%	1%	0%	36%	11%	3%	0%	1000	1800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/1/2019	25%	5%	14%	2%	0%	0%	38%	14%	2%	0%	1000	1500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	19%	7%	18%	0%	0%	0%	43%	13%	0%	0%	1000	1500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	19%	4%	9%	0%	0%	0%	60%	9%	0%	0%	1000	1200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/16/2019	21%	8%	15%	0%	0%	0%	45%	10%	1%	0%	960	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/22/2018	18%	5%	12%	0%	0%	0%	51%	14%	0%	0%	960	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/1/2019	12%	6%	21%	2%	0%	0%	47%	9%	2%	0%	950	1500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	21%	4%	13%	0%	0%	0%	47%	13%	1%	0%	950	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2017	16%	7%	15%	0%	0%	0%	47%	11%	4%	0%	930	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2017	7%	4%	4%	0%	0%	0%	76%	8%	1%	0%	920	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2017	27%	7%	17%	1%	0%	0%	35%	11%	2%	0%	920	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/12/2018	14%	9%	28%	4%	0%	0%	36%	8%	0%	0%	920	1500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/4/2018	12%	5%	9%	0%	0%	0%	59%	15%	0%	0%	890	1200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	12%	8%	18%	2%	0%	0%	46%	10%	3%	0%	880	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	15%	8%	22%	0%	0%	0%	42%	14%	0%	0%	880	1400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/27/2018	10%	6%	9%	1%	0%	0%	61%	10%	4%	0%	860	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/27/2018	16%	6%	15%	0%	0%	0%	53%	11%	0%	0%	860	1200

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2018	13%	5%	7%	0%	0%	0%	59%	16%	0%	0%	860	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	14%	4%	5%	1%	0%	0%	65%	9%	4%	0%	830	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	28%	7%	12%	0%	0%	0%	38%	13%	2%	0%	830	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	20%	0%	9%	0%	0%	0%	53%	18%	0%	0%	830	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	9%	8%	12%	1%	0%	0%	59%	10%	1%	0%	820	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	28%	6%	10%	0%	0%	0%	56%	0%	0%	0%	810	910
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	8%	0%	9%	0%	0%	0%	71%	12%	0%	0%	810	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	10%	9%	16%	2%	1%	0%	53%	7%	2%	0%	800	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2019	17%	1%	17%	2%	0%	0%	50%	10%	2%	0%	790	1200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/2/2018	15%	5%	8%	0%	0%	0%	58%	14%	0%	0%	780	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	5%	9%	1%	0%	0%	0%	74%	8%	3%	0%	780	880
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	15%	5%	11%	1%	0%	0%	54%	13%	2%	0%	750	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2019	27%	9%	18%	2%	0%	0%	32%	9%	2%	0%	740	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/23/2019	31%	9%	20%	2%	0%	0%	29%	8%	1%	0%	740	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	16%	8%	10%	0%	0%	0%	49%	11%	6%	0%	730	990
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	10%	7%	9%	0%	0%	0%	62%	9%	3%	0%	730	920
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2018	6%	3%	1%	0%	0%	0%	81%	8%	1%	0%	720	800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	14%	10%	30%	4%	1%	0%	30%	7%	3%	0%	710	1300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	4%	7%	2%	0%	0%	0%	74%	9%	4%	0%	710	840
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	18%	5%	13%	2%	0%	0%	48%	11%	2%	0%	710	990
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2017	20%	10%	20%	0%	0%	0%	50%	0%	0%	0%	710	890
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	13%	11%	9%	0%	0%	0%	55%	9%	3%	0%	710	900
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/18/2018	14%	11%	32%	0%	0%	0%	44%	0%	0%	0%	700	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	9%	3%	2%	0%	0%	0%	72%	13%	0%	0%	700	830
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	21%	9%	20%	2%	1%	0%	37%	9%	1%	0%	700	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	6%	8%	12%	0%	0%	0%	73%	0%	0%	0%	690	790
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	8%	3%	2%	0%	0%	0%	76%	9%	2%	0%	680	770
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	14%	6%	6%	0%	0%	0%	64%	7%	3%	0%	680	810
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2020	18%	4%	9%	0%	0%	0%	55%	11%	2%	0%	670	870
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	19%	7%	23%	4%	1%	0%	35%	9%	2%	0%	670	1100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2017	9%	2%	1%	0%	0%	0%	68%	15%	4%	0%	660	820
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	13%	6%	8%	1%	0%	0%	60%	12%	1%	0%	660	830
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2018	16%	0%	14%	0%	0%	0%	52%	18%	0%	0%	660	970
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	9%	8%	8%	0%	0%	0%	62%	11%	3%	0%	660	840
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	11%	6%	9%	1%	0%	0%	57%	10%	6%	0%	660	890
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/13/2019	14%	8%	16%	1%	0%	0%	48%	12%	1%	0%	650	930
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	13%	5%	8%	1%	0%	0%	61%	11%	1%	0%	650	820
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2018	16%	5%	10%	1%	0%	0%	52%	15%	1%	0%	650	890
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	9%	5%	7%	1%	0%	0%	66%	11%	1%	0%	640	800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	5%	4%	8%	0%	0%	0%	75%	7%	1%	0%	640	760
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2018	12%	5%	4%	0%	0%	0%	68%	10%	1%	0%	640	750
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	12%	6%	4%	0%	0%	0%	68%	9%	0%	0%	640	750
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	13%	7%	15%	2%	0%	0%	46%	16%	1%	0%	620	930
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	10%	11%	10%	0%	0%	0%	59%	9%	1%	0%	610	770
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	18%	3%	2%	0%	0%	0%	69%	8%	0%	0%	610	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	11%	7%	10%	1%	0%	0%	59%	12%	1%	0%	600	790
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	18%	3%	4%	0%	0%	0%	63%	11%	1%	0%	600	720

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/3/2018	14%	5%	11%	1%	0%	0%	56%	11%	1%	0%	590	790
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2017	12%	5%	8%	1%	0%	0%	62%	9%	2%	0%	580	730
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	20%	8%	20%	2%	0%	0%	36%	11%	2%	0%	580	890
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2018	12%	5%	10%	1%	0%	0%	59%	10%	2%	0%	580	760
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	13%	5%	6%	1%	0%	0%	59%	11%	5%	0%	570	740
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	11%	4%	7%	0%	0%	0%	65%	9%	3%	0%	560	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	7%	8%	9%	0%	0%	0%	65%	8%	4%	0%	560	710
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	12%	7%	14%	0%	0%	0%	51%	9%	6%	0%	560	790
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	9%	7%	13%	1%	0%	0%	56%	10%	3%	0%	560	770
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	26%	8%	18%	1%	0%	0%	35%	7%	4%	0%	550	790
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2018	17%	5%	7%	1%	0%	0%	56%	11%	2%	0%	550	700
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	16%	8%	20%	2%	0%	0%	43%	8%	2%	0%	550	830
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2017	17%	6%	11%	1%	0%	0%	51%	11%	2%	0%	550	750
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	9%	9%	9%	0%	0%	0%	61%	9%	2%	0%	550	700
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2017	10%	9%	24%	5%	1%	0%	39%	7%	5%	0%	550	960
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	16%	8%	19%	3%	0%	0%	44%	8%	2%	0%	540	800
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/12/2019	20%	6%	16%	1%	0%	0%	45%	11%	1%	0%	540	760
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	24%	8%	25%	2%	0%	0%	32%	8%	3%	0%	540	850
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	4%	9%	6%	0%	0%	0%	73%	8%	0%	0%	530	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2021	13%	5%	8%	1%	0%	0%	60%	12%	1%	0%	530	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2018	15%	8%	16%	1%	0%	0%	48%	10%	2%	0%	530	760
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/24/2019	18%	6%	12%	0%	0%	0%	54%	10%	0%	0%	530	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	15%	5%	11%	1%	0%	0%	53%	14%	1%	0%	530	710
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	13%	11%	20%	3%	1%	0%	40%	9%	3%	0%	530	820
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	25%	0%	12%	0%	0%	0%	63%	0%	0%	0%	530	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/9/2018	7%	4%	4%	0%	0%	0%	73%	9%	3%	0%	520	610
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	11%	10%	21%	3%	1%	0%	43%	9%	3%	0%	520	820
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	19%	10%	24%	2%	0%	0%	36%	8%	2%	0%	520	810
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	6%	7%	6%	0%	0%	0%	71%	9%	1%	0%	520	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/16/2018	22%	4%	8%	1%	0%	0%	51%	12%	3%	0%	520	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	14%	6%	12%	2%	0%	0%	55%	10%	2%	0%	520	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	7%	3%	2%	0%	0%	0%	74%	7%	8%	0%	510	610
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	14%	0%	14%	0%	0%	0%	71%	0%	0%	0%	510	590
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	7%	8%	16%	1%	0%	0%	54%	9%	6%	0%	510	740
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2017	14%	6%	6%	1%	0%	0%	61%	11%	1%	0%	510	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/15/2017	15%	11%	22%	1%	0%	0%	42%	8%	2%	0%	500	740
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2018	17%	9%	11%	1%	0%	0%	51%	8%	4%	0%	500	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	18%	6%	14%	1%	0%	0%	50%	10%	0%	0%	500	670
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	18%	11%	15%	1%	0%	0%	45%	8%	1%	0%	500	670
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	13%	10%	21%	1%	0%	0%	42%	9%	2%	0%	500	760
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2017	13%	10%	17%	1%	0%	0%	48%	9%	3%	0%	500	710
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	4%	4%	1%	0%	0%	0%	75%	11%	6%	0%	490	590
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/12/2019	10%	7%	14%	1%	0%	0%	57%	11%	1%	0%	490	670
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	16%	8%	12%	1%	0%	0%	55%	7%	1%	0%	490	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2018	10%	4%	6%	0%	0%	0%	64%	10%	5%	0%	490	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2018	11%	8%	14%	1%	0%	0%	53%	12%	1%	0%	490	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2021	12%	6%	5%	0%	0%	0%	66%	10%	1%	0%	480	560

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	18%	6%	9%	1%	0%	0%	49%	14%	2%	0%	480	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	13%	6%	13%	1%	0%	0%	53%	13%	1%	0%	480	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	7%	2%	5%	0%	0%	0%	70%	13%	3%	0%	480	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	13%	3%	21%	2%	0%	0%	49%	11%	0%	0%	480	730
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	11%	6%	13%	1%	0%	0%	56%	11%	2%	0%	470	640
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	13%	3%	5%	0%	0%	0%	63%	15%	0%	0%	470	580
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	3%	7%	40%	6%	1%	0%	36%	5%	2%	0%	470	1000
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	14%	8%	18%	2%	0%	0%	47%	9%	2%	0%	470	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	13%	5%	11%	1%	0%	0%	58%	11%	2%	0%	470	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2018	21%	8%	32%	3%	0%	0%	26%	8%	3%	0%	470	850
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	18%	6%	13%	1%	0%	0%	47%	12%	2%	0%	470	660
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	19%	6%	13%	2%	1%	0%	50%	8%	2%	0%	470	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2017	14%	8%	11%	1%	0%	0%	55%	9%	2%	0%	470	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2017	14%	9%	15%	1%	0%	0%	49%	8%	3%	0%	470	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	13%	0%	24%	0%	0%	0%	63%	0%	0%	0%	470	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2017	10%	4%	7%	0%	0%	0%	63%	11%	4%	0%	460	590
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/18/2019	16%	6%	9%	1%	0%	0%	55%	12%	1%	0%	460	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	1%	5%	14%	1%	0%	0%	60%	19%	0%	0%	460	700
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2018	11%	5%	8%	0%	0%	0%	66%	8%	2%	0%	460	560
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	13%	5%	3%	0%	0%	0%	73%	6%	1%	0%	460	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	38%	5%	17%	3%	1%	0%	26%	10%	0%	0%	460	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	5%	6%	5%	0%	0%	0%	75%	8%	1%	0%	460	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2017	12%	10%	22%	2%	0%	0%	39%	7%	7%	0%	460	770
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	15%	10%	26%	2%	1%	0%	37%	7%	2%	0%	450	730
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	15%	11%	22%	1%	0%	0%	40%	8%	3%	0%	450	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	15%	6%	9%	0%	0%	0%	58%	10%	0%	0%	450	570
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	12%	0%	12%	0%	0%	0%	75%	0%	0%	0%	450	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	16%	5%	9%	1%	0%	0%	58%	10%	1%	0%	450	570
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	7%	7%	12%	1%	0%	0%	62%	10%	1%	0%	450	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	20%	6%	18%	1%	1%	0%	43%	10%	1%	0%	450	660
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	16%	8%	20%	1%	0%	0%	41%	11%	3%	0%	450	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2018	13%	9%	16%	1%	0%	0%	52%	9%	1%	0%	440	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	20%	3%	10%	2%	2%	1%	49%	10%	4%	0%	440	610
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2019	22%	6%	14%	1%	0%	0%	42%	10%	4%	0%	440	630
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	11%	11%	15%	0%	0%	0%	42%	8%	12%	0%	440	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	18%	3%	6%	0%	0%	0%	59%	12%	3%	0%	440	550
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/15/2019	12%	8%	22%	2%	0%	0%	44%	8%	3%	0%	440	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2019	19%	6%	16%	1%	0%	0%	44%	11%	3%	0%	440	630
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	32%	5%	17%	3%	1%	0%	31%	10%	0%	0%	440	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	26%	6%	18%	2%	0%	0%	39%	8%	0%	0%	440	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	9%	4%	3%	0%	0%	0%	72%	12%	0%	0%	440	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/9/2017	13%	9%	21%	3%	2%	0%	43%	8%	3%	0%	440	680
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	16%	9%	13%	1%	1%	0%	48%	9%	4%	0%	440	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	11%	9%	15%	1%	0%	0%	49%	9%	6%	0%	440	630
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/27/2019	18%	7%	14%	1%	1%	0%	44%	9%	5%	0%	430	610
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	16%	9%	18%	3%	0%	0%	45%	10%	0%	0%	430	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2018	17%	7%	12%	1%	0%	0%	51%	9%	3%	0%	430	570

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/18/2020	20%	7%	21%	2%	2%	0%	34%	8%	6%	0%	430	710
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	24%	2%	3%	0%	0%	0%	59%	10%	2%	0%	430	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	2%	6%	2%	0%	0%	0%	83%	7%	1%	0%	430	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	10%	7%	7%	0%	0%	0%	65%	10%	1%	0%	430	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	12%	6%	4%	0%	0%	0%	68%	9%	1%	0%	430	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	15%	8%	13%	1%	0%	0%	50%	10%	2%	0%	420	580
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/5/2018	14%	5%	19%	3%	0%	0%	48%	6%	4%	0%	420	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	9%	6%	9%	1%	0%	0%	63%	10%	2%	0%	420	540
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/13/2020	5%	11%	31%	4%	0%	0%	41%	5%	3%	0%	420	730
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2019	16%	5%	3%	0%	0%	0%	65%	11%	1%	0%	420	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	23%	5%	9%	1%	0%	0%	51%	11%	1%	0%	420	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	11%	7%	19%	2%	0%	0%	48%	12%	2%	0%	420	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	8%	8%	12%	1%	0%	0%	58%	10%	4%	0%	420	570
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/23/2020	13%	6%	22%	2%	2%	0%	45%	7%	3%	0%	410	650
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	3%	5%	5%	0%	0%	0%	78%	8%	0%	0%	410	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	15%	4%	8%	0%	0%	0%	60%	11%	1%	0%	410	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/21/2018	14%	4%	3%	0%	0%	0%	67%	11%	1%	0%	410	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	11%	6%	8%	1%	0%	0%	58%	8%	8%	0%	410	550
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	11%	6%	12%	1%	0%	0%	55%	11%	2%	0%	410	560
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2017	12%	4%	3%	0%	0%	0%	68%	13%	0%	0%	410	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2019	18%	7%	9%	1%	0%	0%	54%	10%	1%	0%	410	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	5%	8%	4%	0%	0%	0%	74%	9%	0%	0%	410	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	22%	4%	3%	0%	0%	0%	64%	7%	1%	0%	410	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/6/2019	19%	10%	20%	2%	1%	0%	36%	8%	4%	0%	410	640
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	9%	5%	7%	1%	0%	0%	66%	11%	2%	0%	410	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	10%	8%	12%	1%	0%	0%	56%	9%	4%	0%	410	550
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	7%	3%	20%	2%	0%	0%	57%	9%	2%	0%	400	600
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	21%	4%	33%	5%	1%	0%	31%	5%	0%	0%	400	720
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	13%	10%	18%	1%	0%	0%	48%	9%	1%	0%	400	570
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	21%	5%	10%	1%	0%	0%	48%	13%	2%	0%	400	540
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/30/2019	13%	7%	10%	1%	0%	0%	59%	10%	1%	0%	400	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	11%	5%	8%	0%	0%	0%	66%	10%	0%	0%	400	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	10%	6%	9%	1%	0%	0%	62%	11%	2%	0%	400	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	4%	12%	13%	1%	0%	0%	60%	6%	3%	0%	400	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	5%	6%	6%	0%	0%	0%	73%	10%	2%	0%	400	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	10%	5%	5%	0%	0%	0%	66%	12%	1%	0%	400	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	5%	7%	13%	1%	0%	0%	66%	7%	1%	0%	390	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	21%	8%	12%	0%	0%	0%	47%	10%	2%	0%	390	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	2%	7%	2%	0%	0%	0%	80%	6%	2%	0%	390	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	13%	7%	15%	2%	1%	0%	51%	8%	3%	0%	390	550
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	13%	8%	8%	0%	0%	0%	58%	12%	1%	0%	390	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	13%	8%	13%	1%	1%	0%	50%	8%	7%	0%	390	560
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	11%	8%	30%	2%	0%	0%	39%	6%	2%	0%	390	660
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	9%	6%	6%	1%	0%	0%	67%	9%	2%	0%	390	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	10%	9%	1%	0%	0%	0%	64%	12%	4%	0%	390	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	9%	5%	9%	1%	0%	0%	66%	8%	1%	0%	390	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	18%	9%	12%	0%	0%	0%	44%	13%	3%	0%	390	540

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/18/2019	13%	3%	4%	0%	0%	0%	66%	12%	2%	0%	390	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2019	18%	5%	3%	0%	0%	0%	64%	10%	1%	0%	390	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	7%	8%	8%	0%	0%	0%	68%	6%	3%	0%	390	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2019	14%	7%	12%	1%	0%	0%	53%	10%	2%	0%	380	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2020	5%	8%	15%	2%	0%	0%	60%	9%	1%	0%	380	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	5%	6%	3%	0%	0%	0%	75%	6%	4%	0%	380	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2018	11%	7%	10%	0%	0%	0%	60%	11%	1%	0%	380	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	8%	14%	26%	3%	0%	0%	41%	5%	3%	0%	380	610
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	19%	7%	13%	1%	0%	0%	50%	9%	1%	0%	380	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	12%	3%	4%	0%	0%	0%	64%	12%	4%	0%	380	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	20%	11%	10%	1%	0%	0%	46%	11%	2%	0%	380	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	11%	7%	14%	1%	0%	0%	56%	8%	3%	0%	380	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/6/2019	12%	8%	12%	1%	0%	0%	53%	11%	1%	0%	380	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/4/2019	12%	10%	14%	1%	0%	0%	52%	10%	1%	0%	380	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	9%	3%	5%	0%	0%	0%	68%	8%	6%	0%	380	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2019	24%	4%	26%	1%	0%	0%	38%	6%	0%	0%	380	570
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	18%	7%	17%	3%	1%	0%	42%	8%	2%	0%	370	540
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2017	7%	6%	7%	1%	0%	0%	67%	7%	4%	0%	370	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2017	5%	7%	4%	0%	0%	0%	74%	6%	4%	0%	370	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	11%	10%	7%	0%	0%	0%	62%	9%	1%	0%	370	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	10%	7%	32%	3%	2%	0%	38%	7%	1%	0%	370	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2020	19%	5%	5%	0%	0%	0%	59%	12%	0%	0%	370	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/15/2018	14%	10%	22%	2%	1%	0%	40%	8%	3%	0%	370	580
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	8%	6%	5%	0%	0%	0%	70%	9%	1%	0%	370	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2018	13%	5%	8%	1%	0%	0%	63%	9%	1%	0%	370	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2018	21%	9%	19%	3%	0%	0%	39%	8%	2%	0%	370	540
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2019	13%	7%	14%	2%	1%	0%	51%	10%	3%	0%	370	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/18/2019	14%	5%	8%	1%	0%	0%	59%	12%	1%	0%	370	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	11%	6%	22%	2%	0%	0%	47%	8%	4%	0%	370	580
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	14%	5%	5%	0%	0%	0%	69%	7%	0%	0%	370	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	9%	10%	18%	1%	0%	0%	54%	6%	1%	0%	370	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	12%	5%	6%	0%	0%	0%	66%	10%	0%	0%	370	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	10%	8%	8%	0%	0%	0%	61%	11%	2%	0%	370	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	9%	9%	33%	2%	0%	0%	36%	7%	3%	0%	370	690
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	5%	14%	11%	0%	0%	0%	62%	6%	2%	0%	370	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	5%	4%	4%	0%	0%	0%	77%	8%	1%	0%	370	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	14%	0%	17%	0%	0%	0%	70%	0%	0%	0%	370	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	9%	9%	17%	2%	1%	0%	51%	7%	4%	0%	360	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	11%	6%	7%	0%	0%	0%	65%	9%	2%	0%	360	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	14%	6%	18%	2%	1%	0%	47%	9%	2%	0%	360	540
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/20/2019	13%	4%	3%	0%	0%	0%	67%	13%	1%	0%	360	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	16%	5%	11%	1%	0%	0%	55%	11%	1%	0%	360	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	6%	6%	10%	1%	0%	0%	69%	8%	2%	0%	360	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/17/2019	13%	6%	13%	1%	0%	0%	56%	10%	1%	0%	360	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/12/2021	7%	5%	19%	1%	0%	0%	60%	7%	1%	0%	360	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	13%	9%	17%	1%	0%	0%	49%	10%	2%	0%	360	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	13%	6%	12%	1%	0%	0%	58%	7%	2%	0%	360	460

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2017	11%	10%	16%	1%	0%	0%	52%	8%	3%	0%	360	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/5/2019	9%	14%	24%	1%	0%	0%	40%	7%	5%	0%	360	580
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	8%	0%	19%	0%	0%	0%	73%	0%	0%	0%	360	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2018	8%	8%	12%	0%	0%	0%	58%	7%	6%	0%	360	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	16%	5%	9%	1%	0%	0%	57%	11%	1%	0%	360	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2017	11%	4%	8%	2%	0%	0%	63%	11%	1%	0%	360	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2017	19%	6%	11%	1%	0%	0%	51%	10%	2%	0%	360	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2017	11%	3%	4%	0%	0%	0%	71%	9%	2%	0%	350	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	4%	4%	4%	0%	0%	0%	78%	7%	3%	0%	350	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	6%	4%	1%	0%	0%	0%	80%	8%	2%	0%	350	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	18%	8%	10%	1%	0%	0%	54%	8%	1%	0%	350	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2019	18%	8%	10%	0%	0%	0%	51%	10%	3%	0%	350	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2017	15%	10%	19%	1%	0%	0%	43%	9%	1%	0%	350	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2017	19%	7%	11%	1%	0%	0%	51%	10%	2%	0%	350	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	2%	8%	1%	0%	0%	0%	78%	9%	1%	0%	350	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	8%	9%	8%	0%	0%	0%	65%	9%	1%	0%	340	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	5%	8%	4%	0%	0%	0%	74%	8%	1%	0%	340	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	14%	9%	16%	1%	0%	0%	47%	11%	2%	0%	340	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	15%	7%	14%	1%	0%	0%	49%	9%	5%	0%	340	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	3%	0%	4%	0%	0%	0%	84%	6%	4%	0%	340	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	8%	2%	3%	0%	0%	0%	76%	9%	1%	0%	340	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	24%	7%	22%	3%	0%	0%	35%	7%	2%	0%	340	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	18%	7%	10%	1%	0%	0%	53%	9%	3%	0%	340	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	7%	6%	3%	0%	0%	0%	74%	9%	1%	0%	340	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	10%	8%	13%	1%	0%	0%	57%	10%	1%	0%	340	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	5%	7%	10%	0%	0%	0%	63%	8%	6%	0%	340	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2017	8%	3%	2%	0%	0%	0%	71%	10%	6%	0%	330	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	2%	6%	3%	0%	0%	0%	81%	8%	0%	0%	330	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	12%	8%	15%	1%	0%	0%	54%	9%	1%	0%	330	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	13%	6%	4%	0%	0%	0%	67%	9%	1%	0%	330	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	5%	11%	0%	0%	0%	0%	71%	10%	3%	0%	330	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	8%	9%	20%	2%	0%	0%	49%	10%	1%	0%	330	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	2%	7%	5%	0%	0%	0%	77%	10%	0%	0%	330	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2018	17%	6%	14%	1%	0%	0%	47%	13%	3%	0%	330	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/28/2019	8%	11%	16%	1%	0%	0%	53%	8%	3%	0%	330	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2017	8%	11%	15%	1%	0%	0%	55%	7%	3%	0%	330	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	10%	6%	8%	0%	0%	0%	62%	13%	1%	0%	330	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2017	20%	7%	8%	1%	0%	0%	53%	9%	2%	0%	330	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	8%	4%	2%	0%	0%	0%	79%	6%	1%	0%	330	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2018	11%	13%	17%	1%	0%	0%	47%	9%	2%	0%	330	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	9%	10%	13%	1%	0%	0%	50%	9%	9%	0%	330	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	7%	7%	9%	1%	0%	0%	64%	9%	3%	0%	330	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2017	3%	6%	5%	0%	0%	0%	74%	7%	5%	0%	320	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2018	13%	8%	14%	2%	1%	0%	52%	9%	2%	0%	320	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	21%	9%	19%	1%	0%	0%	38%	9%	3%	0%	320	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	8%	7%	12%	1%	0%	0%	65%	7%	1%	0%	320	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	19%	4%	10%	0%	0%	0%	59%	7%	0%	0%	320	390

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	10%	7%	5%	0%	0%	0%	68%	9%	1%	0%	320	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	17%	8%	10%	0%	0%	0%	53%	9%	3%	0%	320	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	9%	6%	12%	1%	0%	0%	64%	8%	1%	0%	320	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	13%	14%	9%	1%	0%	0%	49%	11%	4%	0%	320	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/5/2019	18%	10%	15%	1%	0%	0%	42%	10%	4%	0%	320	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	6%	9%	7%	1%	0%	0%	62%	10%	5%	0%	320	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	8%	5%	5%	0%	0%	0%	67%	12%	2%	0%	320	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/26/2019	14%	7%	11%	1%	0%	0%	53%	13%	2%	0%	320	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	14%	5%	13%	1%	0%	0%	52%	13%	2%	0%	320	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	7%	8%	7%	0%	0%	0%	66%	9%	3%	0%	320	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	7%	13%	15%	1%	0%	0%	58%	7%	1%	0%	320	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2019	11%	10%	13%	0%	0%	0%	56%	9%	1%	0%	320	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	6%	8%	9%	0%	0%	0%	69%	8%	1%	0%	320	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	17%	6%	8%	1%	1%	0%	55%	11%	1%	0%	320	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	4%	6%	8%	0%	0%	0%	73%	10%	0%	0%	320	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	17%	5%	7%	0%	0%	0%	65%	6%	1%	0%	320	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	19%	6%	17%	1%	0%	0%	42%	13%	1%	0%	320	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	10%	6%	9%	0%	0%	0%	67%	7%	1%	0%	320	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	18%	8%	14%	1%	0%	0%	44%	13%	2%	0%	320	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/14/2017	17%	10%	16%	1%	0%	0%	46%	9%	1%	0%	320	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2018	11%	11%	25%	2%	1%	0%	40%	8%	4%	0%	320	530
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	8%	8%	7%	0%	0%	0%	66%	9%	2%	0%	320	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	19%	6%	6%	0%	0%	0%	61%	7%	2%	0%	320	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2017	20%	4%	6%	0%	0%	0%	63%	7%	1%	0%	320	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	17%	9%	17%	1%	0%	0%	43%	10%	2%	0%	320	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2018	12%	11%	21%	2%	1%	0%	44%	7%	2%	0%	320	480
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	16%	11%	25%	1%	0%	0%	35%	7%	4%	0%	320	520
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	10%	11%	26%	2%	0%	0%	43%	6%	2%	0%	320	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2019	10%	8%	10%	1%	0%	0%	61%	8%	2%	0%	310	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	4%	8%	10%	0%	0%	0%	67%	10%	0%	0%	310	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	8%	15%	20%	1%	0%	0%	44%	6%	6%	0%	310	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	17%	7%	12%	1%	0%	0%	51%	10%	4%	0%	310	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2017	8%	11%	23%	1%	0%	0%	47%	7%	2%	0%	310	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	9%	10%	13%	1%	0%	0%	55%	7%	5%	0%	310	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	12%	8%	12%	1%	0%	0%	52%	12%	3%	0%	310	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	11%	8%	15%	1%	0%	0%	48%	12%	3%	0%	310	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	7%	8%	7%	0%	0%	0%	64%	10%	3%	0%	310	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	17%	7%	40%	10%	1%	0%	19%	6%	1%	0%	310	730
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	8%	6%	22%	4%	1%	0%	48%	7%	2%	0%	310	500
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2018	24%	6%	15%	2%	1%	0%	37%	11%	3%	0%	310	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	10%	8%	9%	1%	0%	0%	59%	12%	2%	0%	310	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	7%	5%	7%	0%	0%	0%	74%	6%	1%	0%	310	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2018	9%	7%	6%	1%	0%	0%	67%	10%	1%	0%	310	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2018	9%	4%	3%	0%	0%	0%	72%	11%	1%	0%	310	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	12%	10%	8%	0%	0%	0%	55%	9%	7%	0%	310	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	14%	9%	17%	1%	0%	0%	50%	7%	1%	0%	310	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	10%	9%	11%	1%	0%	0%	56%	9%	5%	0%	300	410

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	4%	9%	10%	0%	0%	0%	68%	8%	1%	0%	300	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2019	20%	6%	10%	1%	0%	0%	52%	11%	1%	0%	300	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/11/2019	17%	5%	7%	1%	0%	0%	56%	13%	2%	0%	300	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	12%	7%	27%	4%	1%	0%	39%	6%	4%	0%	300	510
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	12%	7%	15%	2%	0%	0%	54%	7%	3%	0%	300	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	18%	8%	15%	1%	1%	0%	49%	6%	3%	0%	300	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	13%	8%	20%	3%	1%	0%	41%	10%	3%	0%	300	490
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	8%	7%	7%	0%	0%	0%	68%	8%	1%	0%	300	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	6%	8%	13%	1%	1%	0%	62%	6%	2%	0%	300	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2018	11%	7%	8%	1%	0%	0%	58%	12%	3%	0%	300	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	16%	9%	21%	2%	0%	0%	39%	9%	4%	0%	300	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/15/2018	20%	7%	14%	1%	0%	0%	42%	13%	3%	0%	300	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/26/2020	7%	7%	14%	1%	0%	0%	59%	10%	3%	0%	300	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	10%	6%	5%	0%	0%	0%	68%	11%	1%	0%	300	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	13%	3%	3%	0%	0%	0%	69%	11%	1%	0%	290	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	10%	6%	6%	0%	0%	0%	63%	14%	1%	0%	290	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	1%	18%	5%	0%	0%	0%	76%	0%	0%	0%	290	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2019	14%	10%	22%	2%	1%	0%	40%	9%	2%	0%	290	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	12%	8%	11%	1%	0%	0%	59%	6%	3%	0%	290	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/15/2018	14%	7%	9%	1%	0%	0%	59%	8%	3%	0%	290	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	16%	9%	21%	2%	0%	0%	42%	9%	2%	0%	290	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	2%	5%	3%	0%	0%	0%	82%	8%	0%	0%	290	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	13%	5%	5%	0%	0%	0%	59%	16%	2%	0%	290	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	11%	7%	10%	0%	0%	0%	60%	11%	1%	0%	290	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	8%	9%	13%	1%	0%	0%	58%	9%	2%	0%	290	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	13%	10%	14%	1%	0%	0%	50%	10%	3%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	19%	3%	4%	0%	0%	0%	59%	12%	2%	0%	290	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	3%	11%	12%	0%	0%	0%	67%	6%	2%	0%	290	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	21%	6%	14%	1%	0%	0%	45%	12%	2%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	15%	8%	22%	2%	0%	0%	44%	7%	3%	0%	290	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	13%	7%	18%	2%	0%	0%	49%	10%	2%	0%	290	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	21%	7%	17%	1%	0%	0%	42%	9%	1%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	19%	7%	16%	2%	0%	0%	43%	11%	2%	0%	290	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	9%	7%	11%	1%	0%	0%	61%	10%	1%	0%	290	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2019	14%	8%	18%	3%	1%	0%	46%	9%	2%	0%	290	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	9%	3%	5%	0%	0%	0%	65%	12%	6%	0%	290	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2018	9%	9%	11%	0%	0%	0%	58%	9%	4%	0%	290	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	21%	3%	6%	0%	0%	0%	61%	8%	1%	0%	290	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	10%	9%	14%	2%	0%	0%	52%	9%	3%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	17%	5%	13%	2%	0%	0%	53%	10%	1%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	19%	9%	22%	2%	0%	0%	45%	0%	2%	0%	290	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	13%	12%	20%	1%	0%	0%	42%	10%	1%	0%	290	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	8%	5%	2%	0%	0%	0%	83%	0%	1%	0%	280	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	10%	8%	15%	1%	0%	0%	56%	10%	1%	0%	280	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	6%	10%	23%	2%	1%	0%	50%	6%	2%	0%	280	420
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	8%	4%	2%	0%	0%	0%	76%	9%	1%	0%	280	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2017	21%	7%	20%	2%	0%	0%	42%	9%	0%	0%	280	410

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	9%	9%	10%	0%	0%	0%	58%	12%	2%	0%	280	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2017	18%	6%	11%	0%	0%	0%	53%	8%	3%	0%	280	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	20%	9%	24%	2%	1%	0%	32%	9%	4%	0%	280	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	8%	7%	13%	1%	0%	0%	61%	9%	1%	0%	280	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	13%	10%	14%	0%	0%	0%	49%	13%	2%	0%	280	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	4%	9%	18%	1%	0%	0%	57%	9%	2%	0%	280	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/2/2019	18%	4%	16%	1%	0%	0%	47%	12%	2%	0%	280	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	9%	7%	11%	1%	0%	0%	64%	7%	2%	0%	280	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	12%	9%	18%	2%	1%	0%	47%	6%	3%	0%	280	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	8%	4%	4%	0%	0%	0%	72%	8%	3%	0%	280	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/18/2019	6%	14%	7%	0%	0%	0%	73%	0%	0%	0%	280	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	12%	4%	3%	0%	0%	0%	81%	0%	0%	0%	280	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2017	14%	3%	3%	0%	0%	0%	73%	7%	0%	0%	280	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	2%	13%	21%	1%	0%	0%	56%	5%	2%	0%	280	390
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	18%	5%	28%	2%	0%	0%	37%	6%	4%	0%	280	460
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	18%	6%	14%	2%	0%	0%	51%	8%	1%	0%	280	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	13%	11%	19%	1%	0%	0%	44%	10%	1%	0%	280	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	14%	6%	16%	2%	0%	0%	52%	9%	2%	0%	270	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	4%	9%	17%	2%	0%	0%	60%	6%	2%	0%	270	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	14%	7%	11%	1%	0%	0%	57%	10%	1%	0%	270	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2019	4%	12%	29%	3%	0%	0%	44%	7%	1%	0%	270	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/16/2018	13%	6%	12%	1%	0%	0%	54%	13%	1%	0%	270	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2020	10%	10%	7%	0%	0%	0%	59%	9%	5%	0%	270	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	11%	3%	2%	0%	0%	0%	66%	18%	1%	0%	270	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	6%	5%	8%	0%	0%	0%	72%	7%	2%	0%	270	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	5%	7%	5%	0%	0%	0%	81%	0%	1%	0%	270	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2018	26%	0%	0%	0%	0%	0%	74%	0%	0%	0%	270	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	6%	8%	5%	0%	0%	0%	75%	7%	0%	0%	270	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	6%	14%	11%	1%	0%	0%	62%	0%	6%	0%	270	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	27%	2%	3%	0%	0%	0%	66%	0%	1%	0%	270	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	13%	3%	4%	0%	0%	0%	67%	13%	0%	0%	270	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2018	7%	11%	39%	8%	1%	0%	26%	6%	2%	0%	270	620
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	12%	8%	8%	0%	0%	0%	61%	9%	2%	0%	270	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	8%	7%	10%	1%	1%	0%	58%	8%	8%	0%	270	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	17%	4%	5%	0%	0%	0%	65%	8%	1%	0%	270	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	18%	5%	6%	0%	0%	0%	57%	12%	1%	0%	270	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2021	14%	8%	14%	0%	0%	0%	51%	12%	2%	0%	270	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2019	16%	6%	16%	1%	0%	0%	50%	10%	0%	0%	270	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	11%	5%	4%	0%	0%	0%	70%	9%	1%	0%	270	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	10%	7%	4%	0%	0%	0%	67%	11%	1%	0%	270	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	6%	5%	3%	0%	0%	0%	76%	9%	0%	0%	270	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2019	11%	10%	16%	1%	0%	0%	51%	8%	3%	0%	270	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/28/2017	10%	8%	8%	0%	0%	0%	64%	8%	3%	0%	270	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	14%	14%	22%	2%	1%	0%	33%	6%	7%	0%	270	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	7%	3%	1%	0%	0%	0%	73%	10%	6%	0%	260	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	3%	8%	1%	0%	0%	0%	68%	9%	11%	0%	260	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/17/2019	9%	6%	4%	0%	0%	0%	71%	10%	1%	0%	260	310

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	9%	12%	25%	3%	1%	0%	38%	5%	7%	0%	260	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	14%	11%	15%	0%	0%	0%	47%	10%	4%	0%	260	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2017	7%	7%	4%	0%	0%	0%	73%	7%	3%	0%	260	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	12%	10%	17%	0%	0%	0%	49%	9%	2%	0%	260	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	9%	9%	6%	0%	0%	0%	65%	8%	4%	0%	260	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	4%	15%	7%	0%	0%	0%	73%	0%	1%	0%	260	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	5%	6%	18%	1%	0%	0%	61%	8%	1%	0%	260	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	16%	4%	3%	0%	0%	0%	65%	12%	1%	0%	260	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	12%	10%	23%	1%	0%	0%	36%	7%	12%	0%	260	440
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/9/2018	16%	4%	7%	1%	1%	0%	59%	10%	1%	0%	260	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	5%	11%	10%	0%	0%	0%	66%	6%	1%	0%	260	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	16%	8%	16%	1%	0%	0%	46%	8%	5%	0%	260	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	14%	9%	11%	1%	0%	0%	54%	9%	2%	0%	260	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	7%	12%	18%	1%	0%	0%	52%	7%	4%	0%	260	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	29%	3%	3%	0%	0%	0%	64%	0%	0%	0%	260	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	10%	4%	4%	0%	0%	0%	70%	12%	0%	0%	260	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	8%	5%	4%	0%	0%	0%	72%	11%	0%	0%	260	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	9%	3%	0%	0%	0%	0%	78%	9%	0%	0%	260	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	17%	8%	8%	0%	0%	0%	56%	8%	3%	0%	260	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	6%	4%	3%	0%	0%	0%	74%	12%	2%	0%	260	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/1/2019	7%	9%	28%	3%	1%	0%	40%	8%	5%	0%	260	470
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/1/2018	4%	5%	1%	0%	0%	0%	68%	12%	10%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	10%	6%	9%	1%	0%	0%	62%	7%	4%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	13%	3%	2%	0%	0%	0%	69%	9%	2%	0%	250	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2021	11%	7%	8%	0%	0%	0%	58%	9%	6%	0%	250	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	7%	9%	9%	0%	0%	0%	63%	9%	2%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2020	8%	4%	6%	0%	0%	0%	67%	11%	4%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2018	5%	6%	6%	0%	0%	0%	81%	0%	2%	0%	250	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	15%	4%	2%	0%	0%	0%	64%	10%	6%	0%	250	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	7%	8%	14%	1%	0%	0%	58%	7%	4%	0%	250	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	3%	3%	12%	1%	0%	0%	70%	8%	3%	0%	250	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	20%	5%	7%	0%	0%	0%	56%	10%	3%	0%	250	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2017	16%	9%	12%	0%	0%	0%	53%	9%	1%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	9%	8%	16%	1%	0%	0%	57%	8%	1%	0%	250	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	12%	7%	9%	0%	0%	0%	62%	9%	1%	0%	250	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2017	7%	7%	9%	1%	0%	0%	62%	7%	7%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	14%	7%	13%	2%	1%	0%	51%	9%	3%	0%	250	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/28/2017	16%	6%	7%	0%	0%	0%	70%	0%	1%	0%	250	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/28/2017	16%	0%	0%	0%	0%	0%	84%	0%	0%	0%	250	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	17%	7%	10%	0%	0%	0%	64%	0%	1%	0%	250	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	12%	11%	11%	0%	0%	0%	53%	11%	1%	0%	250	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2017	13%	10%	24%	3%	2%	0%	37%	7%	4%	0%	250	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/26/2019	10%	11%	29%	4%	1%	0%	36%	7%	3%	0%	250	450
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	12%	7%	17%	2%	0%	0%	50%	6%	6%	0%	250	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	13%	5%	6%	0%	0%	0%	61%	10%	5%	0%	250	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	27%	4%	16%	1%	0%	0%	42%	10%	0%	0%	250	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	12%	3%	2%	0%	0%	0%	74%	9%	1%	0%	250	290

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	6%	6%	3%	0%	0%	0%	73%	7%	6%	0%	240	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	10%	10%	10%	0%	0%	0%	59%	9%	3%	0%	240	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	4%	4%	3%	0%	0%	0%	79%	7%	3%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	10%	9%	15%	1%	0%	0%	56%	9%	0%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	9%	7%	23%	1%	1%	0%	52%	7%	0%	0%	240	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/20/2018	10%	7%	8%	0%	0%	0%	64%	8%	3%	0%	240	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/16/2018	17%	0%	0%	0%	0%	0%	83%	0%	0%	0%	240	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	6%	10%	8%	0%	0%	0%	66%	7%	3%	0%	240	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	7%	6%	5%	0%	0%	0%	72%	8%	1%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2018	16%	7%	12%	0%	0%	0%	53%	11%	2%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	9%	8%	4%	0%	0%	0%	69%	9%	1%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	8%	9%	29%	3%	0%	0%	42%	7%	2%	0%	240	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	13%	5%	3%	0%	0%	0%	80%	0%	0%	0%	240	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	7%	7%	14%	0%	0%	0%	60%	10%	2%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	11%	6%	10%	1%	0%	0%	60%	9%	3%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	15%	8%	13%	2%	0%	0%	48%	10%	3%	0%	240	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	9%	6%	3%	0%	0%	0%	69%	13%	0%	0%	240	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	14%	9%	20%	2%	1%	0%	43%	7%	3%	0%	240	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2021	10%	8%	14%	1%	0%	0%	54%	9%	5%	0%	240	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	12%	9%	18%	1%	1%	0%	42%	12%	5%	0%	240	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	16%	4%	6%	0%	0%	0%	62%	10%	2%	0%	240	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/6/2019	8%	5%	4%	0%	0%	0%	68%	13%	2%	0%	240	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	10%	0%	16%	1%	0%	0%	69%	0%	4%	0%	240	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/26/2020	9%	4%	23%	2%	0%	0%	46%	13%	3%	0%	240	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	21%	8%	12%	0%	0%	0%	47%	10%	2%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2019	19%	9%	13%	0%	0%	0%	47%	9%	3%	0%	240	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	9%	4%	4%	0%	0%	0%	71%	12%	0%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2017	12%	9%	16%	1%	1%	0%	49%	8%	3%	0%	240	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	9%	7%	6%	0%	0%	0%	68%	8%	2%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	9%	6%	3%	0%	0%	0%	70%	10%	2%	0%	240	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	5%	17%	24%	0%	0%	0%	52%	0%	3%	0%	240	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	14%	2%	0%	0%	0%	61%	9%	8%	0%	240	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	9%	8%	23%	2%	0%	0%	45%	9%	3%	0%	240	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	20%	2%	5%	0%	0%	0%	55%	14%	3%	0%	240	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	9%	13%	0%	0%	0%	60%	8%	2%	0%	230	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	18%	4%	12%	1%	0%	0%	53%	9%	4%	0%	230	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	17%	8%	22%	2%	0%	0%	39%	9%	2%	0%	230	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	15%	3%	4%	0%	0%	0%	65%	8%	4%	0%	230	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	24%	12%	6%	0%	0%	0%	47%	11%	0%	0%	230	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	8%	11%	26%	1%	0%	0%	53%	0%	0%	0%	230	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	11%	6%	3%	0%	0%	0%	65%	13%	2%	0%	230	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2018	17%	9%	11%	0%	0%	0%	49%	11%	3%	0%	230	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	11%	10%	23%	1%	0%	0%	46%	7%	2%	0%	230	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	9%	6%	17%	2%	1%	0%	57%	7%	2%	0%	230	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	12%	14%	21%	0%	0%	0%	40%	7%	6%	0%	230	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	6%	9%	20%	1%	0%	0%	55%	7%	2%	0%	230	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	6%	7%	12%	0%	0%	0%	62%	11%	1%	0%	230	300

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2017	18%	3%	4%	0%	0%	0%	72%	0%	3%	0%	230	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	6%	8%	8%	0%	0%	0%	68%	9%	1%	0%	230	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	21%	9%	19%	2%	0%	0%	39%	8%	3%	0%	230	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	8%	5%	9%	0%	0%	0%	72%	0%	6%	0%	230	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2021	7%	13%	9%	1%	0%	0%	60%	8%	2%	0%	230	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	5%	10%	3%	0%	0%	0%	80%	0%	2%	0%	230	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	14%	7%	11%	1%	0%	0%	64%	0%	2%	0%	230	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	13%	8%	12%	1%	0%	0%	64%	0%	3%	0%	230	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	3%	4%	5%	0%	0%	0%	81%	5%	1%	0%	230	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	26%	4%	4%	0%	0%	0%	56%	9%	1%	0%	230	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	12%	4%	26%	4%	0%	0%	45%	7%	1%	0%	230	380
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	9%	7%	10%	0%	0%	0%	63%	10%	1%	0%	230	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2017	11%	9%	11%	0%	0%	0%	59%	8%	3%	0%	230	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	7%	7%	6%	0%	0%	0%	76%	0%	4%	0%	230	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	10%	9%	17%	2%	0%	0%	47%	8%	6%	0%	230	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2019	17%	12%	23%	2%	0%	0%	38%	6%	2%	0%	230	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2019	7%	6%	23%	3%	0%	0%	50%	7%	4%	0%	230	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/26/2019	8%	3%	1%	0%	0%	0%	77%	11%	0%	0%	220	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	10%	9%	8%	0%	0%	0%	61%	9%	4%	0%	220	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	16%	5%	17%	1%	0%	0%	45%	11%	4%	0%	220	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2019	6%	11%	9%	0%	0%	0%	72%	0%	3%	0%	220	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	10%	12%	15%	1%	0%	0%	49%	9%	3%	0%	220	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	20%	7%	13%	1%	0%	0%	49%	9%	1%	0%	220	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	10%	8%	35%	5%	3%	0%	38%	0%	1%	0%	220	400
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	8%	4%	1%	0%	0%	0%	76%	12%	0%	0%	220	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	7%	14%	15%	0%	0%	0%	53%	8%	4%	0%	220	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	13%	10%	16%	1%	0%	0%	49%	8%	4%	0%	220	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	11%	7%	18%	1%	0%	0%	49%	6%	8%	0%	220	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2019	16%	6%	9%	0%	0%	0%	61%	8%	0%	0%	220	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	7%	3%	2%	0%	0%	0%	77%	12%	0%	0%	220	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2019	11%	8%	15%	1%	0%	0%	64%	0%	2%	0%	220	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	16%	5%	11%	1%	0%	0%	56%	7%	3%	0%	220	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2021	12%	8%	23%	2%	1%	0%	46%	8%	1%	0%	220	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	4%	10%	21%	2%	0%	0%	53%	10%	1%	0%	220	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	17%	7%	18%	1%	0%	0%	45%	9%	2%	0%	220	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/22/2020	14%	14%	12%	1%	0%	0%	50%	9%	0%	0%	220	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	0%	12%	0%	0%	0%	0%	83%	4%	1%	0%	220	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	16%	7%	15%	1%	0%	0%	48%	10%	2%	0%	220	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2018	14%	8%	19%	4%	1%	0%	41%	10%	3%	0%	220	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	12%	7%	19%	2%	0%	0%	41%	9%	11%	0%	220	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	10%	6%	14%	1%	0%	0%	57%	10%	3%	0%	220	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2019	21%	9%	8%	0%	0%	0%	51%	9%	2%	0%	220	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	15%	7%	6%	0%	0%	0%	71%	0%	1%	0%	220	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	10%	6%	5%	0%	0%	0%	70%	9%	1%	0%	220	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	14%	9%	16%	2%	1%	0%	49%	7%	2%	0%	220	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	14%	8%	10%	1%	0%	0%	57%	10%	1%	0%	220	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	15%	8%	13%	1%	0%	0%	47%	13%	3%	0%	220	320

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2019	8%	9%	4%	0%	0%	0%	67%	9%	2%	0%	220	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	8%	7%	11%	2%	0%	0%	64%	8%	1%	0%	220	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	27%	3%	12%	1%	0%	0%	43%	11%	3%	0%	220	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	7%	12%	17%	0%	0%	0%	53%	7%	5%	0%	220	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	10%	14%	3%	0%	0%	0%	65%	0%	8%	0%	220	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	5%	7%	9%	1%	0%	0%	78%	0%	1%	0%	220	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	16%	11%	20%	2%	1%	0%	38%	7%	4%	0%	210	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	5%	10%	5%	0%	0%	0%	72%	8%	0%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2020	8%	5%	5%	0%	0%	0%	76%	6%	0%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	12%	7%	12%	1%	0%	0%	57%	8%	3%	0%	210	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	9%	5%	10%	1%	0%	0%	64%	8%	2%	0%	210	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	4%	15%	19%	1%	0%	0%	60%	0%	1%	0%	210	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	12%	9%	17%	0%	0%	0%	50%	8%	4%	0%	210	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	6%	10%	13%	1%	0%	0%	56%	10%	3%	0%	210	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	20%	5%	9%	0%	0%	0%	53%	12%	1%	0%	210	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	13%	6%	6%	0%	0%	0%	61%	10%	4%	0%	210	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	7%	6%	37%	3%	1%	0%	39%	6%	1%	0%	210	410
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	6%	6%	13%	1%	0%	0%	73%	0%	2%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	20%	5%	2%	0%	0%	0%	61%	8%	4%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2019	6%	13%	12%	0%	0%	0%	60%	8%	2%	0%	210	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/18/2018	16%	5%	9%	0%	0%	0%	62%	8%	0%	0%	210	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	22%	4%	7%	0%	0%	0%	62%	0%	5%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	11%	11%	17%	2%	0%	0%	46%	7%	6%	0%	210	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/21/2019	3%	10%	7%	0%	0%	0%	80%	0%	0%	0%	210	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	7%	6%	13%	2%	0%	0%	69%	0%	3%	0%	210	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/6/2021	8%	8%	15%	1%	0%	0%	61%	7%	1%	0%	210	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/5/2019	12%	10%	13%	0%	0%	0%	52%	8%	4%	0%	210	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	11%	6%	13%	1%	0%	0%	55%	9%	4%	0%	210	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	12%	9%	14%	0%	0%	0%	53%	10%	2%	0%	210	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	3%	3%	3%	0%	0%	0%	86%	6%	0%	0%	210	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	6%	5%	5%	0%	0%	0%	74%	8%	1%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	14%	6%	22%	2%	0%	0%	43%	11%	1%	0%	210	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	8%	7%	10%	0%	0%	0%	65%	10%	0%	0%	210	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2018	12%	10%	16%	2%	0%	0%	47%	9%	4%	0%	210	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	12%	8%	10%	0%	0%	0%	51%	9%	11%	0%	210	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	6%	6%	17%	2%	1%	0%	56%	10%	3%	0%	210	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	10%	9%	11%	0%	0%	0%	65%	0%	4%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	16%	6%	8%	0%	0%	0%	67%	0%	3%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	11%	9%	7%	0%	0%	0%	64%	9%	0%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2019	16%	9%	9%	0%	0%	0%	51%	12%	3%	0%	210	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	19%	6%	15%	1%	0%	0%	51%	9%	0%	0%	210	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	6%	4%	5%	0%	0%	0%	73%	11%	0%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	8%	9%	4%	0%	0%	0%	69%	10%	1%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/2/2020	9%	4%	1%	0%	0%	0%	80%	6%	0%	0%	210	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	8%	6%	3%	0%	0%	0%	71%	10%	0%	0%	210	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2018	12%	4%	3%	0%	0%	0%	68%	11%	1%	0%	210	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	3%	9%	4%	0%	0%	0%	80%	0%	4%	0%	210	220

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	14%	8%	19%	1%	0%	0%	47%	8%	2%	0%	210	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	15%	7%	8%	0%	0%	0%	52%	9%	9%	0%	210	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2018	5%	9%	8%	0%	0%	0%	59%	8%	11%	0%	200	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	11%	8%	13%	1%	0%	0%	57%	8%	2%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	5%	12%	6%	0%	0%	0%	68%	10%	0%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	8%	5%	1%	0%	0%	0%	77%	9%	0%	0%	200	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	14%	8%	13%	1%	0%	0%	49%	9%	6%	0%	200	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	20%	3%	14%	0%	0%	0%	51%	12%	0%	0%	200	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	9%	12%	23%	2%	1%	0%	42%	7%	3%	0%	200	310
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	10%	6%	9%	0%	0%	0%	66%	9%	1%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	6%	6%	2%	0%	0%	0%	73%	12%	1%	0%	200	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	3%	11%	24%	2%	0%	0%	53%	4%	3%	0%	200	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	19%	8%	28%	3%	1%	0%	27%	9%	5%	0%	200	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	18%	4%	26%	5%	3%	0%	26%	15%	4%	0%	200	430
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	7%	6%	8%	0%	0%	0%	66%	11%	3%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	13%	6%	7%	0%	0%	0%	62%	10%	1%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	1%	12%	7%	0%	0%	0%	79%	0%	1%	0%	200	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	7%	12%	10%	0%	0%	0%	60%	9%	2%	0%	200	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	13%	9%	13%	1%	0%	0%	53%	11%	0%	0%	200	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	20%	6%	23%	2%	0%	0%	37%	10%	2%	0%	200	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	7%	11%	19%	3%	0%	0%	57%	0%	4%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	9%	11%	30%	5%	2%	0%	33%	5%	5%	0%	200	370
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	21%	9%	27%	3%	1%	0%	27%	7%	5%	0%	200	360
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	31%	3%	2%	0%	0%	0%	63%	0%	1%	0%	200	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	40%	3%	3%	0%	0%	0%	53%	0%	1%	0%	200	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	10%	10%	19%	3%	0%	0%	50%	8%	0%	0%	200	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	7%	9%	11%	0%	0%	0%	62%	8%	2%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	5%	9%	2%	0%	0%	0%	83%	0%	2%	0%	200	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	14%	7%	19%	3%	0%	0%	46%	11%	1%	0%	200	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2017	12%	8%	7%	0%	0%	0%	62%	8%	3%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	12%	8%	7%	0%	0%	0%	61%	8%	4%	0%	200	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	6%	6%	31%	6%	2%	0%	49%	0%	0%	0%	200	330
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	7%	10%	12%	0%	0%	0%	60%	8%	3%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	6%	7%	10%	0%	0%	0%	68%	9%	0%	0%	200	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	12%	6%	10%	2%	0%	0%	59%	8%	4%	0%	200	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	8%	7%	8%	0%	0%	0%	67%	9%	1%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	4%	5%	12%	0%	0%	0%	74%	0%	5%	0%	200	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2018	5%	9%	12%	3%	0%	0%	57%	8%	6%	0%	200	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2017	17%	9%	12%	0%	0%	0%	62%	0%	0%	0%	200	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	4%	9%	5%	0%	0%	0%	67%	8%	8%	0%	190	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	11%	8%	9%	0%	0%	0%	70%	0%	3%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	2%	13%	14%	1%	0%	0%	60%	7%	2%	0%	190	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	12%	8%	19%	3%	1%	0%	55%	0%	3%	0%	190	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	4%	12%	14%	0%	0%	0%	66%	0%	3%	0%	190	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	7%	5%	0%	0%	0%	71%	9%	2%	0%	190	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	7%	9%	7%	0%	0%	0%	77%	0%	0%	0%	190	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	6%	8%	6%	0%	0%	0%	80%	0%	0%	0%	190	200

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	2%	9%	35%	4%	1%	0%	43%	0%	6%	0%	190	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	9%	5%	3%	0%	0%	0%	73%	9%	1%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2019	13%	10%	15%	1%	0%	0%	48%	8%	6%	0%	190	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	13%	3%	1%	0%	0%	0%	73%	10%	0%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	7%	13%	18%	2%	0%	0%	55%	0%	4%	0%	190	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	26%	0%	0%	0%	0%	0%	74%	0%	0%	0%	190	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	15%	11%	19%	1%	0%	0%	42%	9%	3%	0%	190	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2017	14%	0%	30%	0%	0%	0%	56%	0%	0%	0%	190	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	6%	8%	13%	0%	0%	0%	70%	0%	3%	0%	190	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	6%	10%	12%	0%	0%	0%	69%	0%	2%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	6%	12%	13%	0%	0%	0%	67%	0%	2%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	5%	8%	6%	0%	0%	0%	78%	0%	4%	0%	190	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	46%	4%	3%	0%	0%	0%	47%	0%	0%	0%	190	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/5/2018	22%	4%	3%	0%	0%	0%	71%	0%	0%	0%	190	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	13%	12%	11%	0%	0%	0%	51%	8%	6%	0%	190	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	11%	6%	15%	1%	0%	0%	54%	12%	1%	0%	190	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	10%	8%	15%	1%	0%	0%	54%	11%	2%	0%	190	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/28/2019	27%	15%	21%	0%	0%	0%	35%	0%	2%	0%	190	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	6%	10%	12%	0%	0%	0%	56%	9%	7%	0%	190	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	11%	6%	16%	1%	0%	0%	50%	11%	5%	0%	190	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2018	13%	4%	4%	0%	0%	0%	67%	12%	0%	0%	190	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	22%	10%	27%	3%	0%	0%	27%	8%	3%	0%	190	320
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	13%	8%	4%	0%	0%	0%	63%	10%	2%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	6%	14%	18%	0%	0%	0%	60%	0%	2%	0%	190	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	19%	5%	17%	1%	0%	0%	44%	13%	1%	0%	190	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	16%	6%	18%	1%	0%	0%	46%	10%	3%	0%	190	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	11%	9%	22%	3%	0%	0%	47%	7%	1%	0%	190	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/7/2017	13%	11%	9%	0%	0%	0%	66%	0%	0%	0%	190	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2017	19%	9%	13%	0%	0%	0%	60%	0%	0%	0%	190	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/7/2017	17%	9%	13%	0%	0%	0%	61%	0%	0%	0%	190	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	8%	8%	15%	1%	0%	0%	63%	0%	5%	0%	190	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/26/2020	5%	8%	8%	0%	0%	0%	67%	8%	5%	0%	190	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	19%	0%	2%	0%	0%	0%	79%	0%	0%	0%	190	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2020	7%	8%	7%	0%	0%	0%	75%	0%	3%	0%	190	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	10%	11%	15%	1%	0%	0%	55%	0%	8%	0%	190	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	11%	10%	26%	4%	1%	0%	36%	7%	4%	0%	190	340
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2019	13%	7%	17%	3%	1%	0%	46%	8%	5%	0%	190	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	8%	15%	13%	0%	0%	0%	59%	0%	5%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	11%	4%	2%	0%	0%	0%	78%	0%	4%	0%	180	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	6%	5%	5%	0%	0%	0%	80%	0%	4%	0%	180	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2020	7%	0%	17%	1%	0%	0%	63%	10%	2%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	8%	5%	7%	0%	0%	0%	69%	8%	4%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	12%	6%	11%	0%	0%	0%	60%	12%	0%	0%	180	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	3%	9%	5%	0%	0%	0%	72%	11%	0%	0%	180	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	5%	13%	16%	2%	0%	0%	60%	0%	5%	0%	180	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	29%	3%	4%	1%	0%	0%	51%	10%	1%	0%	180	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	9%	4%	6%	0%	0%	0%	69%	10%	2%	0%	180	220

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	6%	7%	13%	0%	0%	0%	73%	0%	1%	0%	180	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	18%	8%	24%	3%	0%	0%	44%	0%	3%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/26/2019	13%	5%	0%	0%	0%	0%	82%	0%	0%	0%	180	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2020	2%	8%	2%	0%	0%	0%	82%	5%	2%	0%	180	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	6%	15%	18%	0%	0%	0%	58%	0%	3%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	2%	5%	7%	0%	0%	0%	78%	6%	2%	0%	180	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	12%	12%	23%	2%	0%	0%	44%	7%	1%	0%	180	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	4%	22%	8%	0%	0%	0%	64%	0%	2%	0%	180	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	15%	5%	5%	1%	0%	0%	58%	13%	0%	2%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2021	5%	9%	13%	1%	0%	0%	60%	10%	2%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	13%	7%	26%	5%	2%	0%	31%	7%	9%	0%	180	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	13%	7%	14%	0%	0%	0%	52%	10%	4%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	6%	10%	6%	0%	0%	0%	77%	0%	1%	0%	180	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	7%	10%	13%	1%	0%	0%	65%	0%	3%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	6%	10%	15%	0%	0%	0%	63%	0%	7%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	12%	10%	15%	0%	0%	0%	49%	10%	4%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	7%	11%	32%	4%	1%	0%	43%	0%	3%	0%	180	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	5%	18%	14%	0%	0%	0%	58%	0%	5%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	10%	10%	27%	3%	1%	0%	42%	0%	7%	0%	180	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	11%	7%	19%	3%	1%	0%	59%	0%	1%	0%	180	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	7%	4%	12%	0%	0%	0%	68%	9%	0%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	28%	9%	15%	1%	0%	0%	45%	0%	1%	0%	180	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	16%	10%	16%	2%	0%	0%	53%	0%	2%	0%	180	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	11%	8%	33%	3%	0%	0%	40%	0%	4%	0%	180	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	21%	4%	7%	0%	0%	0%	67%	0%	2%	0%	180	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	11%	13%	25%	2%	1%	0%	37%	7%	4%	0%	180	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	12%	12%	19%	1%	0%	0%	46%	6%	5%	0%	180	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	5%	9%	6%	0%	0%	0%	75%	0%	6%	0%	180	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	16%	8%	14%	2%	0%	0%	46%	10%	3%	0%	180	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	12%	5%	12%	0%	0%	0%	57%	10%	3%	0%	180	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	3%	8%	11%	0%	0%	0%	61%	9%	7%	0%	180	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2017	9%	9%	19%	2%	0%	0%	48%	7%	6%	0%	180	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	17%	0%	0%	0%	0%	0%	83%	0%	0%	0%	170	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	17%	3%	16%	0%	0%	0%	62%	0%	2%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/9/2020	7%	9%	5%	0%	0%	0%	68%	7%	3%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	7%	5%	7%	0%	0%	0%	78%	0%	3%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	13%	7%	9%	0%	0%	0%	67%	0%	4%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	14%	6%	21%	1%	0%	0%	48%	10%	0%	0%	170	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	5%	12%	9%	0%	0%	0%	72%	0%	3%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	7%	11%	14%	0%	0%	0%	65%	0%	3%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	10%	6%	3%	0%	0%	0%	81%	0%	0%	0%	170	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	8%	10%	22%	0%	0%	0%	45%	6%	8%	0%	170	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2019	2%	13%	8%	0%	0%	0%	73%	0%	3%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	14%	4%	3%	0%	0%	0%	64%	14%	1%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	4%	12%	7%	0%	0%	0%	77%	0%	0%	0%	170	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	5%	3%	6%	0%	0%	0%	78%	8%	0%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2019	4%	10%	15%	0%	0%	0%	70%	0%	2%	0%	170	200

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	9%	10%	22%	2%	0%	0%	46%	8%	3%	0%	170	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2017	7%	11%	19%	1%	0%	0%	54%	0%	8%	0%	170	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	8%	8%	26%	2%	0%	0%	51%	0%	5%	0%	170	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	13%	6%	17%	2%	0%	0%	62%	0%	0%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	11%	10%	22%	1%	0%	0%	52%	0%	2%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	5%	11%	11%	0%	0%	0%	69%	0%	3%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	12%	11%	19%	2%	0%	0%	53%	0%	3%	0%	170	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	10%	11%	13%	0%	0%	0%	49%	11%	6%	0%	170	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	13%	3%	13%	1%	0%	0%	57%	12%	1%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	11%	9%	16%	0%	0%	0%	59%	0%	6%	0%	170	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	10%	11%	28%	3%	0%	0%	38%	8%	3%	0%	170	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	10%	11%	12%	0%	0%	0%	55%	9%	3%	0%	170	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	17%	10%	22%	2%	0%	0%	36%	8%	5%	0%	170	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	10%	16%	17%	1%	0%	0%	52%	0%	4%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2020	16%	6%	27%	0%	0%	0%	39%	9%	2%	0%	170	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2020	2%	12%	11%	0%	0%	0%	70%	0%	4%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	2%	15%	19%	1%	0%	0%	62%	0%	1%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	13%	13%	19%	1%	0%	0%	49%	0%	5%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	10%	12%	20%	2%	0%	0%	51%	0%	6%	0%	170	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2020	6%	6%	18%	2%	0%	0%	61%	7%	0%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2020	14%	6%	11%	0%	0%	0%	62%	6%	1%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	4%	12%	7%	0%	0%	0%	76%	0%	1%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	3%	14%	10%	0%	0%	0%	73%	0%	0%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	13%	10%	13%	2%	0%	2%	61%	0%	0%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	6%	10%	7%	0%	0%	0%	75%	0%	2%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	10%	12%	18%	1%	0%	0%	53%	0%	7%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	6%	14%	14%	0%	0%	0%	60%	0%	6%	0%	170	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	7%	6%	11%	1%	0%	0%	65%	10%	0%	0%	170	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	5%	11%	8%	0%	0%	0%	68%	0%	7%	0%	170	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	12%	10%	9%	0%	0%	0%	53%	9%	6%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	7%	10%	11%	0%	0%	0%	57%	9%	6%	0%	170	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/14/2020	9%	9%	21%	2%	0%	0%	45%	11%	3%	0%	170	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	18%	6%	10%	0%	0%	0%	46%	16%	3%	0%	170	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	20%	0%	10%	0%	0%	0%	70%	0%	0%	0%	170	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2020	15%	7%	7%	0%	0%	0%	69%	0%	2%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2020	9%	3%	1%	0%	0%	0%	72%	12%	2%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	16%	9%	12%	0%	0%	0%	51%	8%	3%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2021	3%	14%	14%	0%	0%	0%	65%	5%	0%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	6%	14%	22%	1%	0%	0%	46%	8%	4%	0%	160	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	9%	10%	18%	0%	0%	0%	59%	0%	3%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	14%	9%	15%	1%	0%	0%	55%	0%	6%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	9%	4%	4%	0%	0%	0%	80%	0%	2%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	5%	5%	8%	0%	0%	0%	79%	0%	2%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	19%	8%	16%	0%	0%	0%	45%	11%	1%	0%	160	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	14%	5%	15%	0%	0%	0%	62%	0%	5%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	8%	12%	13%	0%	0%	0%	63%	0%	5%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	15%	0%	5%	0%	0%	0%	65%	13%	1%	0%	160	200

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	12%	10%	19%	1%	0%	0%	53%	0%	5%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	3%	9%	7%	0%	0%	0%	81%	0%	0%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	10%	9%	8%	0%	0%	0%	61%	11%	1%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	12%	9%	9%	0%	0%	0%	67%	0%	2%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	7%	7%	22%	1%	0%	0%	62%	0%	1%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	1%	4%	4%	0%	0%	0%	82%	8%	0%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	11%	8%	15%	1%	0%	0%	63%	0%	2%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	10%	10%	13%	1%	0%	0%	63%	0%	3%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	8%	12%	23%	2%	0%	0%	44%	9%	3%	0%	160	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	9%	14%	16%	0%	0%	2%	54%	0%	4%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	5%	12%	11%	1%	0%	0%	67%	0%	4%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	9%	11%	12%	0%	0%	0%	64%	0%	4%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	6%	13%	16%	0%	0%	0%	59%	0%	5%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	9%	5%	13%	1%	0%	0%	69%	0%	3%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2017	35%	4%	6%	0%	0%	0%	54%	0%	1%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	11%	9%	16%	1%	0%	0%	58%	0%	5%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	2%	11%	2%	0%	0%	0%	79%	6%	0%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	17%	6%	5%	0%	0%	0%	56%	13%	4%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	6%	8%	5%	0%	0%	0%	65%	11%	5%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	10%	11%	11%	0%	0%	0%	63%	0%	5%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	12%	10%	15%	1%	0%	0%	60%	0%	2%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	26%	9%	23%	0%	0%	0%	31%	11%	0%	0%	160	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	10%	10%	9%	0%	0%	0%	66%	0%	5%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/28/2019	9%	12%	10%	0%	0%	0%	66%	0%	3%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	6%	12%	27%	2%	0%	0%	44%	8%	0%	0%	160	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	9%	8%	6%	0%	0%	0%	64%	11%	1%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	6%	8%	10%	0%	0%	0%	75%	0%	1%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2019	6%	8%	4%	0%	0%	0%	82%	0%	0%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	4%	9%	5%	0%	0%	0%	82%	0%	0%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	3%	10%	8%	0%	0%	0%	75%	0%	4%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	11%	16%	16%	1%	0%	0%	46%	8%	3%	0%	160	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	7%	11%	28%	2%	0%	0%	49%	0%	4%	0%	160	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	7%	9%	10%	0%	0%	0%	71%	0%	4%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	14%	7%	34%	8%	1%	0%	22%	10%	3%	0%	160	350
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	6%	7%	9%	0%	0%	0%	67%	9%	1%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/16/2018	12%	9%	16%	2%	0%	0%	49%	9%	4%	0%	160	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	6%	9%	16%	0%	0%	0%	67%	0%	1%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	4%	17%	30%	2%	0%	0%	46%	0%	3%	0%	160	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2020	2%	12%	6%	0%	0%	0%	79%	0%	1%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	10%	11%	17%	1%	0%	0%	48%	10%	4%	0%	160	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/1/2018	20%	4%	10%	0%	0%	0%	56%	11%	0%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	12%	8%	16%	0%	0%	0%	62%	0%	2%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	9%	6%	6%	0%	0%	0%	75%	0%	4%	0%	160	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	10%	9%	7%	0%	0%	0%	74%	0%	0%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	10%	6%	13%	2%	0%	0%	56%	9%	2%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	13%	0%	30%	5%	0%	0%	44%	7%	1%	0%	160	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2021	13%	12%	23%	1%	0%	0%	40%	8%	4%	0%	160	250

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2017	11%	13%	25%	2%	0%	0%	42%	0%	7%	0%	160	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	12%	12%	25%	2%	0%	0%	35%	9%	6%	0%	160	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	4%	15%	16%	0%	0%	0%	58%	0%	7%	0%	160	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	0%	13%	6%	0%	0%	0%	79%	0%	2%	0%	160	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	8%	11%	12%	0%	0%	0%	64%	0%	5%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	7%	10%	14%	1%	0%	0%	47%	17%	5%	0%	160	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	14%	6%	8%	0%	0%	0%	65%	0%	7%	0%	160	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	7%	11%	22%	2%	0%	0%	51%	0%	6%	0%	160	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	10%	12%	26%	3%	0%	0%	46%	0%	2%	0%	160	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/23/2019	8%	12%	15%	1%	0%	0%	59%	0%	4%	0%	160	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	12%	5%	12%	0%	0%	0%	70%	0%	1%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	7%	12%	9%	0%	0%	0%	58%	9%	6%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	6%	8%	5%	0%	0%	0%	79%	0%	2%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2020	5%	11%	9%	0%	0%	0%	67%	0%	8%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	4%	10%	7%	0%	0%	0%	77%	0%	2%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	10%	11%	11%	1%	0%	0%	64%	0%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	13%	7%	13%	0%	0%	0%	57%	8%	2%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2019	10%	8%	11%	0%	0%	0%	71%	0%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	17%	0%	4%	0%	0%	0%	80%	0%	0%	0%	150	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	3%	7%	3%	0%	0%	0%	78%	6%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	10%	5%	13%	0%	0%	0%	72%	0%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	5%	8%	11%	0%	0%	0%	77%	0%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/26/2019	11%	9%	15%	1%	0%	0%	58%	0%	5%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	16%	10%	22%	1%	0%	0%	45%	0%	6%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2019	12%	12%	23%	3%	0%	0%	46%	0%	4%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	7%	9%	9%	0%	0%	0%	73%	0%	2%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	9%	12%	13%	0%	0%	0%	63%	0%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	2%	6%	3%	0%	0%	0%	83%	5%	1%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	9%	8%	9%	0%	0%	0%	72%	0%	2%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	6%	8%	6%	0%	0%	0%	77%	0%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	5%	10%	8%	0%	0%	0%	77%	0%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	4%	10%	9%	0%	0%	0%	74%	0%	3%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	3%	13%	14%	0%	0%	0%	66%	0%	3%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	3%	11%	6%	0%	0%	0%	77%	0%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	7%	8%	14%	1%	0%	0%	67%	0%	3%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	16%	11%	17%	0%	0%	0%	53%	0%	4%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	6%	7%	17%	2%	2%	0%	57%	8%	0%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	6%	15%	20%	1%	0%	0%	55%	0%	2%	0%	150	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	11%	11%	18%	2%	0%	0%	55%	0%	2%	1%	150	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	9%	9%	23%	3%	0%	0%	52%	0%	4%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	2%	15%	14%	0%	0%	0%	65%	0%	4%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	13%	4%	6%	0%	0%	0%	77%	0%	0%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	9%	5%	6%	0%	0%	0%	64%	13%	4%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	20%	7%	19%	2%	0%	0%	50%	0%	2%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	13%	11%	34%	6%	2%	0%	29%	0%	5%	0%	150	280
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2020	0%	12%	12%	0%	0%	0%	70%	3%	2%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	5%	11%	8%	0%	0%	0%	74%	0%	3%	0%	150	160

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	3%	19%	8%	0%	0%	0%	61%	5%	3%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2020	3%	7%	9%	0%	0%	0%	71%	7%	3%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	6%	6%	7%	1%	0%	0%	69%	10%	1%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	5%	7%	5%	0%	0%	0%	83%	0%	0%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	14%	7%	10%	0%	0%	0%	59%	11%	0%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	9%	11%	20%	2%	0%	0%	52%	0%	5%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	9%	9%	9%	0%	0%	0%	64%	11%	0%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	5%	12%	0%	0%	0%	0%	81%	0%	2%	0%	150	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	16%	3%	11%	1%	0%	0%	67%	0%	2%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/11/2019	15%	8%	16%	1%	0%	0%	58%	0%	2%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	8%	3%	9%	0%	0%	0%	69%	11%	0%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	17%	11%	17%	1%	0%	0%	47%	0%	7%	0%	150	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	4%	14%	6%	0%	0%	0%	75%	0%	2%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	20%	11%	27%	3%	0%	0%	30%	8%	2%	0%	150	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	14%	9%	15%	0%	0%	0%	63%	0%	0%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	5%	11%	15%	1%	0%	0%	64%	0%	3%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	13%	8%	18%	2%	0%	0%	60%	0%	0%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2021	10%	7%	15%	2%	0%	0%	54%	8%	2%	0%	150	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	12%	12%	21%	2%	0%	0%	49%	0%	4%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	7%	15%	20%	2%	0%	0%	47%	0%	10%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	8%	6%	5%	0%	0%	0%	69%	12%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	7%	7%	6%	0%	0%	0%	67%	13%	0%	0%	150	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	13%	7%	4%	0%	0%	0%	76%	0%	0%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	10%	10%	14%	1%	0%	0%	59%	0%	5%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	5%	6%	14%	0%	0%	0%	75%	0%	0%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	6%	7%	3%	0%	0%	0%	82%	0%	2%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	13%	10%	24%	2%	0%	0%	39%	9%	2%	0%	150	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/15/2019	12%	10%	12%	1%	0%	0%	53%	9%	4%	0%	150	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/22/2019	4%	15%	17%	0%	1%	0%	57%	0%	6%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	16%	5%	8%	1%	0%	0%	57%	13%	0%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	29%	0%	4%	0%	0%	0%	53%	14%	0%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	17%	4%	14%	0%	0%	0%	59%	0%	7%	0%	150	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	12%	5%	6%	0%	0%	0%	73%	0%	4%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	12%	8%	12%	0%	0%	0%	64%	0%	3%	0%	150	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/7/2017	32%	5%	7%	0%	0%	0%	57%	0%	0%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	12%	4%	7%	0%	0%	0%	74%	0%	2%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/7/2017	30%	5%	7%	0%	0%	0%	57%	0%	0%	0%	150	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2019	15%	8%	10%	0%	0%	0%	46%	17%	4%	0%	140	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	12%	12%	12%	0%	0%	0%	60%	0%	4%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	2%	5%	0%	0%	0%	0%	86%	7%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	10%	8%	0%	0%	0%	78%	0%	5%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	10%	8%	8%	0%	0%	0%	72%	0%	2%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	12%	0%	6%	0%	0%	0%	77%	0%	5%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	3%	10%	10%	0%	0%	0%	72%	0%	4%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	8%	6%	25%	1%	0%	0%	55%	4%	0%	0%	140	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	21%	0%	2%	0%	0%	0%	75%	0%	2%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	11%	8%	18%	0%	0%	0%	62%	0%	2%	0%	140	180

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	6%	11%	17%	2%	0%	0%	61%	0%	3%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	3%	25%	8%	0%	0%	0%	60%	0%	4%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	4%	8%	7%	0%	0%	0%	82%	0%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	7%	8%	11%	0%	0%	0%	62%	9%	3%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	15%	6%	15%	0%	0%	0%	59%	0%	5%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	11%	11%	22%	0%	0%	0%	45%	6%	6%	0%	140	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	10%	0%	18%	1%	0%	0%	71%	0%	0%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	7%	12%	13%	1%	0%	0%	62%	0%	5%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	12%	9%	6%	0%	0%	0%	72%	0%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/3/2020	10%	12%	26%	2%	0%	0%	38%	7%	6%	0%	140	240
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	10%	3%	7%	0%	0%	0%	68%	11%	1%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	5%	5%	33%	4%	0%	0%	43%	8%	1%	0%	140	250
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	11%	7%	26%	3%	1%	0%	51%	0%	1%	0%	140	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	4%	4%	4%	0%	0%	0%	80%	5%	3%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	9%	6%	11%	0%	0%	0%	68%	0%	5%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	5%	11%	12%	0%	0%	0%	70%	0%	2%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	5%	0%	12%	1%	0%	0%	70%	9%	3%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	6%	16%	16%	1%	0%	0%	57%	0%	4%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	15%	9%	19%	2%	0%	0%	53%	0%	2%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2020	8%	8%	37%	7%	3%	0%	32%	0%	5%	0%	140	290
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	6%	9%	12%	0%	0%	0%	73%	0%	0%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	7%	6%	5%	0%	0%	0%	79%	0%	3%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	39%	6%	5%	0%	0%	0%	47%	0%	2%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	13%	11%	7%	0%	0%	0%	63%	0%	6%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	7%	6%	2%	0%	0%	0%	83%	0%	2%	0%	140	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	10%	7%	17%	1%	0%	0%	60%	0%	4%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	9%	9%	13%	0%	0%	0%	66%	0%	4%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	13%	11%	16%	1%	0%	0%	57%	0%	2%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2021	17%	4%	4%	0%	0%	0%	60%	13%	2%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	11%	9%	6%	0%	0%	0%	71%	0%	3%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	6%	12%	12%	0%	0%	0%	61%	0%	8%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	4%	3%	14%	0%	0%	0%	73%	6%	0%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	9%	11%	9%	0%	0%	1%	65%	0%	4%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	14%	13%	22%	2%	0%	0%	41%	0%	7%	0%	140	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	5%	8%	16%	0%	0%	0%	65%	0%	6%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	11%	5%	6%	0%	0%	0%	65%	11%	2%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	3%	9%	4%	0%	0%	0%	79%	4%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	10%	15%	17%	0%	0%	0%	53%	0%	5%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	10%	8%	32%	2%	1%	0%	35%	8%	4%	0%	140	270
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	12%	0%	0%	0%	0%	86%	0%	2%	0%	140	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	14%	4%	6%	0%	0%	0%	73%	0%	3%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	7%	2%	0%	0%	0%	81%	0%	3%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	7%	6%	34%	5%	2%	1%	32%	6%	6%	0%	140	300
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	10%	6%	11%	1%	0%	0%	60%	12%	0%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	9%	5%	17%	0%	0%	0%	70%	0%	0%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	4%	4%	14%	0%	0%	0%	78%	0%	0%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/22/2020	15%	5%	15%	0%	0%	0%	64%	0%	1%	0%	140	170

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	3%	9%	6%	0%	0%	0%	80%	0%	2%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2018	18%	6%	13%	2%	2%	0%	57%	0%	2%	0%	140	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2019	22%	5%	12%	0%	0%	0%	61%	0%	0%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	13%	4%	22%	3%	0%	0%	58%	0%	0%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2021	9%	5%	3%	0%	0%	0%	73%	10%	0%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	8%	5%	3%	0%	0%	0%	83%	0%	0%	0%	140	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	10%	11%	22%	4%	0%	0%	48%	0%	4%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	8%	7%	15%	1%	0%	0%	57%	9%	3%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	7%	12%	4%	0%	0%	0%	75%	0%	2%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	8%	6%	26%	0%	0%	0%	59%	0%	0%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	9%	8%	4%	0%	0%	0%	74%	0%	5%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/22/2019	0%	14%	3%	0%	0%	0%	83%	0%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	16%	10%	18%	1%	0%	0%	41%	12%	3%	0%	140	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	21%	6%	19%	0%	0%	0%	48%	0%	6%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	9%	36%	4%	0%	0%	0%	51%	0%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	8%	14%	25%	2%	0%	0%	47%	0%	5%	0%	140	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	14%	5%	14%	0%	0%	0%	65%	0%	3%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	8%	4%	5%	0%	0%	0%	78%	6%	0%	0%	140	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2017	15%	4%	3%	0%	0%	0%	77%	0%	0%	0%	140	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	41%	0%	0%	0%	0%	59%	0%	0%	0%	140	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	5%	13%	9%	0%	0%	0%	69%	0%	4%	0%	140	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	6%	11%	14%	0%	0%	0%	63%	6%	0%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/23/2019	8%	11%	11%	0%	0%	0%	65%	0%	4%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2017	7%	9%	9%	1%	0%	0%	64%	0%	10%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	3%	5%	8%	0%	0%	5%	77%	0%	2%	0%	140	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2019	17%	4%	28%	1%	0%	0%	49%	0%	0%	0%	140	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	6%	16%	20%	0%	0%	0%	52%	0%	7%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/27/2019	5%	5%	10%	0%	0%	0%	75%	0%	5%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2019	8%	4%	6%	0%	0%	0%	79%	0%	2%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	9%	12%	28%	2%	1%	0%	39%	6%	4%	0%	130	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	6%	6%	6%	0%	0%	0%	71%	6%	5%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	9%	6%	5%	0%	0%	0%	78%	0%	2%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	8%	11%	16%	2%	0%	0%	59%	0%	4%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	10%	13%	7%	0%	0%	0%	67%	0%	4%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	8%	0%	12%	3%	0%	0%	75%	0%	2%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	5%	14%	10%	0%	0%	0%	58%	6%	6%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2020	16%	4%	6%	0%	0%	0%	61%	13%	0%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	6%	9%	12%	0%	0%	0%	69%	0%	4%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	12%	0%	17%	1%	0%	0%	60%	10%	0%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	7%	8%	15%	0%	0%	0%	58%	12%	0%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	14%	9%	28%	3%	0%	0%	44%	0%	1%	0%	130	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	6%	13%	10%	0%	0%	0%	68%	0%	3%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	7%	7%	3%	0%	0%	0%	82%	0%	0%	0%	130	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/2/2019	8%	6%	7%	0%	0%	0%	65%	9%	4%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2020	3%	4%	9%	0%	0%	0%	79%	5%	0%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	14%	5%	10%	0%	0%	0%	70%	0%	0%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/26/2019	5%	13%	13%	2%	0%	0%	64%	0%	4%	0%	130	160

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	9%	6%	8%	0%	0%	0%	77%	0%	0%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	11%	7%	23%	1%	0%	0%	51%	0%	7%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	8%	5%	4%	0%	0%	0%	83%	0%	0%	0%	130	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	5%	13%	24%	2%	0%	0%	54%	0%	1%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	10%	6%	11%	0%	0%	0%	72%	0%	2%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	5%	0%	16%	0%	0%	0%	72%	8%	0%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	17%	9%	16%	0%	0%	0%	50%	0%	7%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	6%	9%	7%	0%	0%	0%	68%	9%	0%	1%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	10%	6%	12%	0%	0%	0%	70%	0%	2%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2018	12%	10%	19%	1%	0%	0%	47%	6%	5%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	13%	11%	23%	1%	0%	0%	36%	13%	3%	0%	130	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	8%	12%	15%	0%	0%	0%	57%	0%	8%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2018	7%	15%	21%	2%	1%	0%	48%	0%	6%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	5%	7%	16%	0%	0%	0%	62%	6%	2%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	12%	7%	19%	1%	0%	0%	51%	8%	1%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	15%	5%	7%	0%	0%	0%	73%	0%	0%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	4%	9%	11%	0%	0%	0%	60%	0%	16%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	7%	11%	23%	3%	0%	0%	49%	0%	7%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2018	21%	0%	0%	0%	0%	0%	79%	0%	0%	0%	130	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	23%	10%	15%	0%	0%	0%	50%	0%	1%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	26%	0%	6%	0%	0%	0%	68%	0%	0%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	4%	10%	4%	0%	0%	0%	79%	0%	3%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2019	7%	6%	5%	0%	0%	0%	68%	9%	4%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2019	14%	11%	5%	0%	0%	0%	68%	0%	2%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	4%	11%	15%	0%	0%	0%	68%	0%	2%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	7%	12%	31%	1%	0%	0%	45%	0%	5%	0%	130	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	16%	8%	11%	0%	0%	0%	65%	0%	0%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	4%	12%	15%	0%	0%	0%	54%	5%	8%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	4%	8%	5%	0%	0%	0%	62%	21%	0%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2020	9%	9%	14%	0%	0%	0%	66%	0%	3%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	18%	10%	14%	1%	0%	0%	46%	8%	4%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/28/2019	19%	6%	20%	3%	1%	0%	50%	0%	1%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	3%	11%	9%	0%	0%	0%	68%	6%	4%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	8%	11%	14%	0%	0%	0%	62%	0%	4%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/28/2017	15%	4%	4%	0%	0%	0%	76%	0%	0%	0%	130	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	6%	14%	10%	0%	0%	0%	65%	0%	5%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	10%	5%	4%	0%	0%	0%	82%	0%	0%	0%	130	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	9%	11%	12%	0%	0%	5%	58%	0%	5%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	5%	8%	9%	0%	0%	0%	67%	7%	3%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	11%	11%	19%	1%	0%	0%	53%	0%	4%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	9%	0%	15%	0%	0%	0%	64%	8%	4%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	9%	5%	3%	0%	0%	0%	74%	9%	0%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2021	9%	14%	3%	0%	0%	0%	59%	10%	5%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	9%	7%	14%	2%	0%	0%	57%	7%	5%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	0%	6%	2%	0%	0%	0%	80%	8%	3%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	13%	12%	21%	2%	0%	0%	50%	0%	2%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	19%	0%	0%	0%	0%	0%	72%	9%	0%	0%	130	140

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	5%	7%	18%	1%	0%	0%	67%	0%	1%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/4/2019	5%	14%	15%	0%	0%	0%	61%	0%	5%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2019	5%	9%	5%	0%	0%	0%	79%	0%	2%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/22/2019	0%	14%	8%	0%	0%	0%	75%	0%	4%	0%	130	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	12%	13%	23%	2%	1%	0%	37%	7%	5%	0%	130	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	18%	12%	22%	1%	0%	0%	42%	0%	5%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	8%	11%	10%	0%	0%	0%	62%	0%	10%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	10%	12%	15%	0%	0%	0%	50%	7%	6%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	9%	9%	14%	2%	0%	0%	61%	0%	6%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	15%	4%	13%	1%	0%	0%	60%	0%	7%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	20%	9%	24%	2%	0%	0%	41%	0%	4%	0%	130	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	20%	7%	18%	2%	0%	0%	54%	0%	0%	0%	130	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	3%	9%	14%	1%	0%	0%	65%	6%	2%	0%	130	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	10%	11%	7%	0%	0%	0%	70%	0%	2%	0%	130	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	6%	10%	14%	0%	0%	0%	54%	13%	3%	0%	130	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	7%	9%	16%	0%	0%	0%	67%	0%	0%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	12%	7%	7%	0%	0%	0%	70%	0%	4%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	7%	7%	10%	0%	0%	0%	62%	9%	5%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	5%	16%	17%	0%	0%	0%	48%	6%	8%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	0%	15%	46%	3%	0%	0%	30%	0%	7%	0%	120	260
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	8%	5%	7%	0%	0%	0%	75%	0%	5%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	8%	11%	19%	1%	0%	0%	56%	0%	5%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	8%	5%	8%	0%	0%	0%	66%	8%	4%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	6%	7%	0%	0%	0%	81%	0%	0%	0%	120	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	8%	11%	8%	0%	0%	0%	68%	0%	5%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	5%	15%	25%	2%	0%	0%	49%	0%	4%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	7%	17%	18%	0%	0%	0%	53%	0%	5%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/20/2020	5%	14%	20%	2%	0%	0%	54%	0%	4%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	3%	14%	9%	0%	0%	0%	68%	6%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	8%	10%	8%	0%	0%	0%	69%	0%	5%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	6%	12%	12%	0%	0%	0%	66%	0%	4%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	4%	14%	19%	0%	0%	0%	48%	8%	8%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	5%	12%	10%	0%	0%	0%	63%	8%	2%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	4%	13%	13%	0%	0%	0%	61%	9%	0%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	11%	5%	11%	0%	0%	0%	68%	0%	4%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	7%	10%	14%	0%	0%	0%	65%	0%	4%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	14%	0%	9%	0%	0%	0%	77%	0%	0%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	20%	5%	10%	0%	0%	0%	63%	0%	3%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	7%	13%	20%	0%	0%	0%	56%	0%	4%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	12%	6%	14%	0%	0%	0%	55%	11%	2%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	7%	4%	3%	0%	0%	0%	82%	5%	0%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2020	5%	8%	13%	0%	0%	0%	72%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	12%	5%	16%	0%	0%	0%	67%	0%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	12%	10%	12%	0%	0%	0%	66%	0%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	15%	0%	8%	0%	0%	0%	77%	0%	0%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/7/2018	7%	14%	16%	1%	0%	0%	56%	0%	5%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	4%	19%	13%	0%	0%	0%	65%	0%	0%	0%	120	140

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	10%	10%	17%	2%	0%	0%	56%	0%	5%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2019	9%	12%	16%	2%	0%	0%	56%	0%	5%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	6%	7%	14%	2%	0%	0%	60%	9%	2%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	8%	7%	29%	5%	2%	0%	50%	0%	0%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	10%	10%	19%	0%	0%	0%	59%	0%	1%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2019	8%	19%	21%	0%	0%	0%	46%	0%	6%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	9%	16%	24%	1%	1%	0%	36%	6%	7%	0%	120	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	3%	9%	23%	2%	0%	0%	52%	8%	4%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	9%	11%	17%	0%	0%	0%	59%	0%	4%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2018	9%	15%	20%	2%	0%	0%	48%	0%	6%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/24/2020	0%	8%	4%	0%	0%	0%	82%	5%	0%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	12%	11%	12%	0%	0%	0%	60%	0%	5%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	14%	8%	29%	3%	0%	0%	33%	9%	3%	0%	120	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	9%	9%	12%	2%	0%	0%	65%	0%	3%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	4%	12%	12%	0%	0%	0%	64%	0%	7%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	38%	4%	9%	0%	0%	0%	50%	0%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	16%	9%	23%	2%	0%	0%	48%	0%	2%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	4%	10%	12%	0%	0%	0%	63%	8%	4%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	9%	11%	6%	0%	0%	0%	70%	0%	5%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	9%	8%	3%	0%	0%	0%	68%	9%	3%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	14%	10%	20%	0%	0%	0%	45%	9%	3%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	7%	17%	22%	0%	0%	0%	50%	0%	5%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	9%	10%	19%	2%	0%	0%	56%	0%	5%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2020	10%	9%	30%	3%	0%	0%	43%	0%	5%	0%	120	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	7%	10%	8%	0%	0%	0%	73%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	15%	4%	15%	0%	0%	0%	64%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	15%	15%	18%	0%	0%	0%	48%	0%	3%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	11%	12%	33%	4%	2%	0%	33%	0%	5%	0%	120	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	5%	10%	17%	2%	0%	0%	58%	0%	4%	4%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	6%	4%	3%	0%	0%	0%	75%	12%	0%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	11%	12%	0%	0%	0%	69%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	6%	21%	3%	0%	0%	57%	0%	8%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	6%	6%	19%	0%	0%	0%	60%	7%	2%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	3%	5%	6%	0%	0%	0%	79%	7%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2019	14%	10%	24%	4%	1%	0%	43%	0%	5%	0%	120	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	10%	10%	8%	0%	0%	0%	62%	9%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	2%	10%	4%	0%	0%	0%	80%	4%	0%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	8%	11%	9%	0%	0%	0%	70%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	9%	17%	19%	1%	0%	0%	52%	0%	3%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	5%	20%	7%	0%	0%	0%	64%	0%	4%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	6%	3%	0%	0%	0%	0%	81%	10%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	9%	10%	34%	4%	0%	0%	38%	0%	5%	0%	120	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	10%	4%	5%	0%	0%	0%	69%	8%	3%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2021	5%	4%	5%	0%	0%	0%	80%	6%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	9%	15%	16%	0%	0%	0%	53%	0%	7%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	8%	14%	18%	0%	0%	0%	47%	10%	3%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	10%	7%	19%	0%	0%	0%	65%	0%	0%	0%	120	150

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	10%	8%	7%	0%	0%	0%	72%	0%	3%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	4%	11%	20%	0%	0%	0%	53%	7%	5%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	5%	11%	11%	0%	0%	0%	71%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	7%	8%	11%	0%	0%	0%	60%	10%	3%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	13%	10%	7%	0%	0%	0%	68%	0%	2%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	10%	7%	21%	3%	0%	0%	59%	0%	0%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	12%	6%	11%	0%	0%	0%	71%	0%	0%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	11%	8%	25%	3%	0%	0%	53%	0%	0%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	18%	0%	16%	0%	0%	0%	66%	0%	0%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2019	8%	8%	10%	0%	0%	0%	70%	0%	4%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	5%	7%	4%	0%	0%	0%	77%	0%	7%	0%	120	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	6%	15%	13%	0%	0%	0%	64%	0%	3%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	10%	4%	12%	0%	0%	0%	65%	8%	2%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	14%	12%	17%	0%	0%	0%	53%	0%	3%	0%	120	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	6%	9%	12%	0%	0%	0%	64%	5%	4%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	11%	8%	13%	0%	0%	0%	64%	0%	3%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	15%	11%	16%	0%	0%	0%	53%	0%	6%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/29/2019	20%	2%	33%	3%	0%	0%	34%	0%	7%	0%	120	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	4%	9%	17%	2%	0%	0%	63%	0%	4%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	12%	12%	18%	2%	0%	0%	55%	0%	2%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2019	6%	13%	11%	0%	0%	0%	68%	0%	2%	0%	120	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	8%	14%	24%	2%	0%	0%	48%	0%	4%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	14%	12%	27%	2%	1%	0%	40%	0%	3%	0%	120	190
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/9/2019	8%	9%	9%	0%	0%	0%	63%	8%	2%	0%	120	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	11%	8%	13%	1%	0%	0%	52%	10%	4%	0%	120	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2017	19%	6%	12%	2%	0%	0%	59%	0%	2%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	5%	10%	10%	0%	0%	0%	72%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	13%	10%	14%	0%	0%	0%	60%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	2%	10%	6%	0%	0%	0%	78%	0%	4%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	17%	4%	19%	1%	0%	0%	49%	10%	0%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	7%	10%	3%	0%	0%	0%	74%	0%	6%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	8%	10%	14%	0%	0%	0%	57%	7%	4%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2020	5%	9%	12%	0%	0%	0%	61%	7%	6%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/27/2019	16%	8%	10%	0%	0%	0%	66%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	9%	4%	4%	0%	0%	0%	68%	12%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	8%	5%	5%	0%	0%	0%	82%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2020	3%	5%	0%	0%	0%	0%	83%	9%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	9%	8%	16%	0%	0%	0%	62%	0%	5%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	11%	14%	16%	0%	0%	0%	57%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	6%	4%	4%	0%	0%	0%	72%	14%	0%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	3%	8%	8%	0%	0%	0%	75%	4%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	8%	6%	8%	0%	0%	0%	75%	0%	4%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	20%	7%	4%	0%	0%	0%	66%	0%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	10%	16%	35%	2%	0%	0%	34%	0%	5%	0%	110	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	13%	8%	12%	0%	0%	0%	64%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	11%	12%	11%	0%	0%	0%	62%	0%	4%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	5%	5%	4%	0%	0%	0%	80%	7%	0%	0%	110	120

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	11%	8%	5%	0%	0%	0%	73%	0%	3%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	21%	10%	23%	3%	0%	0%	39%	0%	5%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	8%	11%	9%	0%	0%	0%	68%	0%	4%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	9%	12%	10%	0%	0%	0%	67%	0%	2%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	3%	12%	6%	0%	0%	0%	77%	0%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	15%	11%	29%	1%	0%	0%	40%	0%	3%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	11%	5%	22%	2%	0%	0%	60%	0%	0%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	16%	8%	24%	3%	0%	0%	46%	0%	3%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	10%	9%	0%	0%	0%	74%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	12%	8%	29%	2%	0%	0%	42%	0%	7%	0%	110	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	14%	11%	23%	2%	0%	0%	46%	0%	4%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	4%	18%	13%	0%	0%	0%	60%	0%	5%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2020	13%	0%	22%	0%	0%	0%	59%	0%	6%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	8%	11%	13%	0%	0%	0%	66%	0%	2%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2020	10%	8%	9%	0%	0%	0%	59%	8%	6%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	4%	13%	7%	0%	0%	0%	71%	0%	4%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	3%	13%	4%	0%	0%	0%	75%	0%	5%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2018	12%	8%	0%	0%	0%	0%	78%	0%	2%	0%	110	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	15%	15%	22%	0%	0%	0%	35%	6%	7%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	9%	10%	36%	0%	0%	0%	39%	0%	6%	0%	110	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	18%	5%	11%	0%	0%	0%	66%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	0%	11%	3%	0%	0%	0%	83%	0%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	3%	11%	6%	0%	0%	0%	76%	0%	4%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	8%	15%	42%	5%	1%	0%	25%	0%	4%	0%	110	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2019	13%	11%	9%	0%	0%	0%	64%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	6%	10%	19%	2%	0%	0%	63%	0%	0%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	17%	0%	6%	0%	0%	0%	75%	0%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	9%	12%	16%	2%	0%	0%	57%	0%	4%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	7%	5%	13%	0%	0%	0%	66%	6%	2%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	16%	13%	28%	2%	0%	0%	37%	0%	4%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	7%	7%	9%	0%	0%	0%	75%	0%	0%	2%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	8%	3%	10%	0%	0%	0%	68%	10%	2%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/5/2020	5%	5%	21%	3%	0%	0%	53%	7%	5%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	12%	11%	20%	0%	0%	0%	54%	0%	3%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	10%	5%	4%	0%	0%	0%	79%	0%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2021	7%	10%	27%	2%	0%	0%	46%	5%	4%	0%	110	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	6%	7%	30%	3%	1%	0%	43%	0%	3%	7%	110	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	5%	13%	11%	0%	0%	0%	67%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	0%	15%	6%	0%	0%	0%	72%	6%	0%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/15/2021	7%	12%	14%	0%	0%	0%	60%	8%	0%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2020	6%	10%	15%	0%	0%	0%	65%	0%	4%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2019	14%	9%	14%	2%	0%	0%	58%	0%	4%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/27/2021	3%	10%	21%	0%	0%	0%	58%	5%	4%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	14%	32%	2%	0%	0%	32%	0%	14%	0%	110	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	5%	18%	10%	0%	0%	0%	64%	0%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	3%	8%	2%	0%	0%	0%	81%	6%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	8%	11%	9%	0%	0%	0%	70%	0%	2%	0%	110	130

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	5%	10%	6%	0%	0%	0%	77%	0%	3%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	0%	13%	3%	0%	0%	0%	80%	3%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	18%	7%	0%	0%	0%	66%	6%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	6%	11%	18%	0%	0%	0%	46%	13%	6%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2019	15%	10%	20%	3%	0%	0%	47%	0%	4%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	6%	15%	5%	0%	0%	0%	66%	0%	8%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/13/2020	4%	7%	7%	0%	0%	0%	74%	5%	3%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	8%	11%	12%	0%	0%	0%	62%	0%	8%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/13/2020	0%	9%	5%	0%	0%	0%	78%	5%	2%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	3%	15%	9%	0%	0%	0%	63%	9%	0%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	20%	10%	26%	3%	2%	0%	36%	0%	3%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	7%	9%	17%	0%	0%	0%	56%	6%	4%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	6%	10%	11%	0%	0%	0%	69%	0%	3%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	9%	13%	2%	0%	0%	67%	0%	2%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	2%	12%	26%	0%	0%	0%	59%	0%	1%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	17%	7%	16%	3%	0%	0%	58%	0%	0%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	17%	8%	26%	5%	2%	0%	41%	0%	1%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	4%	8%	14%	0%	0%	0%	62%	10%	2%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	12%	5%	20%	0%	0%	0%	63%	0%	0%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	14%	9%	12%	0%	0%	0%	44%	16%	5%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	8%	6%	38%	7%	0%	0%	40%	0%	1%	0%	110	200
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	19%	9%	14%	0%	0%	0%	58%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	4%	4%	3%	0%	0%	0%	81%	8%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	9%	17%	25%	0%	1%	0%	42%	0%	6%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	17%	15%	26%	2%	0%	0%	33%	0%	7%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	8%	4%	7%	0%	0%	0%	77%	0%	4%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	14%	6%	18%	0%	0%	0%	56%	0%	5%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	8%	12%	15%	0%	0%	0%	44%	13%	8%	0%	110	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	15%	6%	19%	2%	0%	0%	52%	0%	6%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	23%	5%	8%	0%	0%	0%	64%	0%	0%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2019	16%	10%	24%	2%	0%	0%	41%	0%	7%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	5%	9%	3%	0%	0%	0%	73%	0%	10%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	11%	6%	13%	1%	0%	0%	55%	13%	1%	0%	110	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	12%	12%	21%	2%	0%	0%	50%	0%	4%	0%	110	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	4%	14%	12%	0%	0%	0%	60%	0%	10%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	10%	12%	10%	0%	0%	0%	64%	0%	5%	0%	110	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/27/2019	12%	11%	15%	0%	0%	0%	56%	0%	6%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	25%	0%	10%	0%	0%	0%	66%	0%	0%	0%	110	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	4%	8%	16%	3%	0%	0%	66%	0%	2%	0%	110	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	9%	11%	22%	2%	0%	0%	54%	0%	3%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	7%	11%	22%	2%	0%	0%	59%	0%	0%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2020	6%	14%	22%	0%	0%	0%	41%	5%	13%	0%	100	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	8%	10%	12%	0%	0%	0%	67%	0%	2%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	13%	6%	8%	0%	0%	0%	69%	0%	4%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	15%	11%	11%	0%	0%	0%	60%	0%	4%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	7%	8%	24%	4%	0%	0%	53%	0%	4%	0%	100	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	23%	0%	2%	0%	0%	0%	71%	0%	4%	0%	100	110

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	19%	0%	0%	0%	0%	0%	77%	0%	3%	0%	100	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	5%	9%	21%	3%	0%	0%	57%	0%	5%	0%	100	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	10%	7%	7%	0%	0%	0%	76%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	22%	0%	10%	0%	0%	0%	66%	0%	2%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	4%	5%	3%	0%	0%	0%	78%	7%	4%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	10%	8%	6%	0%	0%	0%	68%	0%	8%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	18%	22%	0%	0%	0%	51%	5%	5%	0%	100	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2020	4%	12%	11%	0%	0%	0%	68%	0%	5%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2018	45%	0%	3%	0%	0%	0%	52%	0%	0%	0%	100	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	9%	9%	12%	0%	0%	0%	65%	0%	6%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	7%	13%	22%	2%	0%	0%	52%	0%	3%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	7%	0%	14%	0%	0%	0%	67%	8%	4%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	5%	5%	14%	0%	0%	0%	68%	7%	2%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2021	4%	10%	35%	4%	0%	0%	42%	4%	0%	0%	100	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	5%	6%	6%	0%	0%	0%	83%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	4%	11%	9%	0%	0%	0%	63%	0%	13%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	2%	8%	12%	0%	0%	0%	66%	8%	4%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	15%	9%	15%	2%	0%	0%	56%	0%	3%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	9%	8%	9%	0%	0%	0%	72%	0%	3%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2017	14%	6%	5%	0%	0%	0%	75%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	15%	13%	14%	0%	0%	0%	55%	0%	3%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	3%	14%	4%	0%	0%	0%	77%	0%	2%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	6%	5%	8%	0%	0%	0%	60%	18%	2%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2021	4%	7%	5%	0%	0%	0%	80%	5%	0%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	9%	11%	30%	3%	0%	0%	40%	0%	7%	0%	100	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	7%	12%	25%	2%	0%	0%	42%	6%	6%	0%	100	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	10%	8%	19%	2%	0%	0%	59%	0%	3%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	6%	7%	5%	0%	0%	0%	80%	0%	3%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2019	5%	10%	3%	0%	0%	0%	80%	0%	2%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	14%	7%	7%	0%	0%	0%	71%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2019	4%	12%	41%	6%	2%	0%	31%	0%	5%	0%	100	220
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	18%	8%	34%	2%	0%	0%	35%	0%	2%	0%	100	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2018	16%	6%	14%	0%	0%	0%	62%	0%	2%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	0%	9%	3%	0%	0%	0%	83%	0%	4%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	8%	11%	29%	2%	0%	0%	47%	0%	3%	0%	100	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	6%	14%	11%	0%	0%	0%	62%	0%	7%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	14%	14%	23%	0%	0%	0%	46%	0%	3%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	5%	8%	9%	0%	0%	0%	75%	0%	3%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2019	8%	16%	22%	0%	0%	0%	48%	0%	6%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2021	5%	12%	31%	0%	0%	0%	47%	4%	0%	0%	100	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	6%	0%	12%	0%	0%	0%	66%	8%	8%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	3%	7%	12%	0%	0%	0%	78%	0%	0%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	22%	5%	16%	2%	0%	0%	53%	0%	2%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	7%	0%	19%	1%	0%	0%	65%	5%	3%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	9%	6%	13%	0%	0%	0%	65%	0%	7%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2019	6%	19%	27%	2%	0%	0%	41%	0%	4%	0%	100	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	42%	7%	12%	0%	0%	0%	39%	0%	0%	0%	100	120

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	6%	8%	16%	0%	0%	0%	68%	0%	3%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	0%	14%	9%	0%	0%	0%	74%	0%	2%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	9%	10%	7%	0%	0%	0%	73%	0%	2%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	5%	8%	6%	0%	0%	0%	78%	0%	3%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/22/2020	17%	6%	12%	0%	0%	0%	65%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	6%	14%	13%	0%	0%	0%	61%	0%	7%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	8%	7%	11%	0%	0%	0%	70%	0%	3%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2017	23%	0%	7%	0%	0%	0%	70%	0%	0%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	13%	6%	20%	3%	0%	0%	58%	0%	0%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2017	23%	0%	10%	0%	0%	0%	67%	0%	0%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	5%	18%	30%	1%	0%	0%	42%	0%	4%	0%	100	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	9%	14%	18%	0%	0%	0%	51%	0%	9%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	12%	13%	14%	0%	0%	0%	53%	0%	8%	0%	100	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	10%	12%	21%	0%	0%	0%	46%	8%	3%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	3%	13%	7%	0%	0%	0%	74%	0%	4%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	4%	8%	5%	0%	0%	0%	81%	0%	3%	0%	100	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2019	2%	12%	12%	0%	0%	0%	69%	0%	4%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	5%	17%	11%	0%	0%	0%	62%	0%	5%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	8%	7%	14%	0%	0%	0%	68%	0%	4%	0%	100	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	10%	10%	18%	0%	0%	0%	54%	0%	9%	0%	100	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	6%	5%	19%	3%	2%	0%	63%	0%	2%	0%	99	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	11%	11%	0%	0%	0%	75%	0%	2%	0%	99	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	14%	8%	15%	0%	0%	0%	64%	0%	0%	0%	99	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	12%	12%	14%	0%	0%	0%	58%	0%	4%	0%	99	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	10%	10%	9%	0%	0%	0%	66%	0%	5%	0%	99	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2017	20%	0%	2%	0%	0%	0%	75%	0%	3%	0%	99	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	9%	10%	29%	3%	2%	0%	43%	0%	3%	0%	99	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	18%	0%	0%	0%	0%	0%	82%	0%	0%	0%	99	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	12%	5%	4%	0%	0%	0%	75%	0%	3%	0%	99	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	31%	6%	14%	2%	0%	0%	48%	0%	0%	0%	99	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	6%	8%	24%	3%	0%	0%	56%	0%	4%	0%	99	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/22/2019	14%	14%	22%	0%	0%	0%	44%	0%	7%	0%	99	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	4%	8%	11%	0%	0%	0%	63%	8%	7%	0%	99	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	5%	11%	9%	0%	0%	0%	72%	0%	4%	0%	98	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	7%	13%	22%	2%	0%	0%	53%	0%	3%	0%	98	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	3%	7%	2%	0%	0%	0%	81%	0%	7%	0%	98	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	7%	18%	33%	2%	0%	0%	34%	0%	7%	0%	98	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	13%	9%	18%	0%	0%	0%	55%	0%	5%	0%	98	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	10%	9%	5%	0%	0%	0%	71%	0%	5%	0%	98	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	6%	9%	12%	0%	0%	0%	71%	0%	2%	0%	98	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/19/2017	18%	10%	19%	0%	0%	0%	52%	0%	2%	0%	98	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	20%	9%	23%	0%	0%	0%	42%	0%	6%	0%	98	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	6%	8%	9%	0%	0%	0%	77%	0%	0%	0%	98	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	3%	9%	10%	0%	0%	0%	68%	7%	3%	0%	97	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	10%	2%	5%	0%	0%	0%	80%	4%	0%	0%	97	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	6%	5%	7%	0%	0%	0%	73%	5%	2%	0%	97	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	17%	5%	0%	0%	0%	75%	3%	0%	0%	97	110

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/19/2019	5%	7%	6%	0%	0%	0%	80%	0%	2%	0%	97	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	6%	6%	36%	7%	1%	0%	29%	6%	8%	0%	97	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	5%	14%	20%	0%	0%	0%	55%	5%	2%	0%	97	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	8%	11%	12%	0%	0%	0%	62%	7%	0%	0%	97	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	13%	7%	16%	4%	0%	0%	59%	0%	0%	0%	97	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	10%	13%	11%	0%	0%	0%	63%	0%	3%	0%	97	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	14%	12%	24%	0%	0%	0%	46%	0%	4%	0%	97	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2018	7%	12%	20%	3%	0%	0%	54%	0%	5%	0%	97	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	10%	0%	8%	0%	0%	0%	74%	0%	8%	0%	96	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	7%	4%	6%	0%	0%	0%	75%	5%	3%	0%	96	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	6%	8%	12%	0%	0%	0%	65%	0%	9%	0%	96	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	7%	11%	13%	0%	0%	0%	62%	0%	8%	0%	96	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	13%	8%	4%	0%	0%	0%	70%	0%	4%	0%	96	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	13%	6%	15%	2%	0%	0%	63%	0%	0%	0%	96	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	8%	7%	17%	2%	0%	0%	52%	14%	0%	0%	96	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2020	9%	9%	13%	0%	0%	0%	56%	7%	5%	0%	96	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2018	26%	0%	4%	0%	0%	0%	70%	0%	0%	0%	96	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	9%	7%	8%	0%	0%	0%	67%	10%	0%	0%	95	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	7%	6%	7%	0%	0%	0%	74%	7%	0%	0%	95	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	9%	19%	0%	0%	0%	62%	0%	3%	0%	95	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	7%	13%	31%	4%	1%	0%	33%	6%	6%	0%	95	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	12%	8%	37%	1%	0%	0%	35%	0%	7%	0%	95	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	14%	0%	12%	0%	0%	0%	69%	0%	4%	0%	95	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	13%	9%	22%	2%	0%	0%	44%	8%	3%	0%	95	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	10%	6%	7%	0%	0%	0%	77%	0%	0%	0%	95	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	22%	0%	6%	0%	0%	0%	72%	0%	0%	0%	95	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	8%	13%	5%	0%	0%	0%	61%	0%	13%	0%	95	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2018	15%	5%	5%	0%	0%	0%	69%	6%	0%	0%	95	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2019	10%	8%	10%	0%	0%	0%	72%	0%	0%	0%	94	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	5%	16%	20%	2%	0%	0%	53%	0%	4%	0%	94	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	5%	10%	11%	0%	0%	0%	65%	9%	0%	0%	94	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	6%	7%	0%	0%	0%	79%	0%	2%	0%	94	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	6%	8%	12%	0%	0%	0%	69%	5%	0%	0%	94	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	12%	8%	9%	0%	0%	0%	67%	0%	4%	0%	94	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	7%	11%	8%	0%	0%	0%	68%	0%	5%	0%	94	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	7%	12%	11%	0%	0%	0%	67%	0%	2%	0%	94	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2019	15%	0%	4%	0%	0%	0%	74%	0%	6%	0%	94	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	7%	9%	9%	0%	0%	0%	70%	0%	4%	0%	93	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	8%	0%	8%	0%	0%	0%	76%	0%	8%	0%	93	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	4%	9%	11%	2%	0%	0%	68%	0%	5%	0%	93	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	6%	12%	30%	4%	1%	0%	34%	6%	6%	0%	93	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	6%	11%	20%	0%	0%	0%	58%	0%	4%	0%	93	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	19%	10%	21%	0%	0%	0%	42%	8%	0%	0%	93	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	3%	8%	5%	0%	0%	0%	82%	0%	2%	0%	93	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	12%	9%	39%	8%	2%	0%	18%	4%	6%	0%	93	230
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	14%	3%	42%	5%	0%	0%	35%	0%	0%	0%	93	180
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	10%	9%	16%	0%	0%	0%	57%	0%	8%	0%	93	120

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	3%	13%	7%	0%	0%	0%	75%	0%	2%	0%	92	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	6%	9%	16%	2%	0%	0%	50%	15%	2%	0%	92	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	16%	8%	20%	0%	0%	0%	56%	0%	0%	0%	92	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	10%	10%	18%	0%	0%	0%	55%	8%	0%	0%	92	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2019	0%	23%	24%	0%	0%	0%	45%	0%	9%	0%	92	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	21%	0%	4%	0%	0%	0%	75%	0%	0%	0%	92	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	4%	14%	4%	0%	0%	0%	78%	0%	0%	0%	92	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/1/2019	18%	5%	8%	0%	0%	0%	55%	11%	3%	0%	92	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	10%	19%	6%	0%	0%	0%	62%	0%	4%	0%	92	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2019	11%	10%	11%	0%	0%	0%	43%	17%	7%	0%	92	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	13%	12%	22%	2%	0%	0%	47%	0%	5%	0%	92	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2021	3%	5%	0%	0%	0%	0%	82%	10%	0%	0%	91	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2020	13%	8%	12%	0%	0%	0%	55%	10%	2%	0%	91	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	12%	8%	14%	0%	0%	0%	56%	7%	4%	0%	91	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	9%	11%	27%	2%	0%	0%	46%	0%	5%	0%	91	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2019	4%	9%	11%	0%	0%	0%	72%	0%	5%	0%	91	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	10%	7%	19%	2%	0%	0%	63%	0%	0%	0%	91	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	8%	8%	15%	0%	0%	0%	68%	0%	0%	0%	91	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	10%	9%	6%	0%	0%	0%	76%	0%	0%	0%	91	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	12%	17%	16%	0%	0%	0%	41%	7%	6%	0%	91	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	5%	9%	6%	0%	0%	0%	80%	0%	0%	0%	91	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	10%	7%	16%	0%	0%	0%	54%	10%	2%	0%	91	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	10%	5%	2%	0%	0%	0%	64%	18%	0%	0%	91	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/26/2020	0%	13%	13%	0%	0%	0%	59%	7%	8%	0%	91	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	7%	12%	13%	0%	0%	0%	60%	0%	8%	0%	91	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	8%	8%	7%	0%	0%	0%	72%	0%	4%	0%	90	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2019	3%	9%	8%	0%	0%	0%	79%	0%	0%	0%	90	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	7%	2%	4%	0%	0%	0%	79%	8%	0%	0%	90	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/29/2019	9%	0%	26%	1%	0%	0%	50%	0%	13%	0%	90	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	3%	14%	29%	3%	0%	0%	38%	6%	7%	0%	90	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	5%	8%	7%	0%	0%	0%	78%	0%	2%	0%	90	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	9%	7%	0%	0%	0%	0%	82%	0%	3%	0%	90	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2020	0%	5%	10%	2%	0%	0%	80%	0%	3%	0%	90	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	3%	9%	13%	0%	0%	0%	71%	0%	3%	0%	90	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	6%	11%	11%	0%	0%	0%	70%	0%	2%	0%	90	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	7%	6%	6%	0%	0%	0%	77%	5%	0%	0%	89	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	5%	8%	4%	0%	0%	0%	77%	0%	5%	0%	89	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	7%	7%	4%	0%	0%	0%	81%	0%	2%	0%	89	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	11%	8%	12%	0%	0%	0%	63%	0%	5%	0%	89	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	4%	7%	16%	0%	0%	0%	71%	0%	2%	0%	89	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	6%	12%	4%	0%	0%	0%	67%	8%	3%	0%	89	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	7%	7%	12%	0%	0%	0%	68%	0%	5%	0%	89	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	13%	14%	16%	2%	0%	0%	49%	0%	6%	0%	89	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	0%	19%	0%	0%	0%	0%	76%	0%	5%	0%	89	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	8%	11%	11%	0%	0%	0%	68%	0%	3%	0%	89	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2017	15%	6%	7%	0%	0%	0%	72%	0%	0%	0%	89	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	2%	10%	25%	5%	0%	0%	56%	0%	3%	0%	89	130

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	5%	9%	10%	0%	0%	0%	70%	0%	6%	0%	89	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	8%	6%	10%	0%	0%	0%	63%	10%	3%	0%	88	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	7%	6%	0%	0%	0%	81%	0%	0%	0%	88	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	13%	7%	13%	0%	0%	0%	60%	0%	7%	0%	88	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	13%	13%	16%	0%	0%	0%	54%	0%	5%	0%	88	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	11%	8%	14%	2%	0%	0%	60%	0%	6%	0%	88	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	8%	9%	17%	0%	0%	0%	63%	0%	3%	0%	88	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	8%	14%	32%	3%	0%	0%	38%	0%	4%	0%	88	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	11%	11%	28%	3%	0%	0%	43%	0%	4%	0%	88	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	7%	9%	12%	0%	0%	0%	68%	0%	4%	0%	88	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	10%	7%	6%	0%	0%	0%	77%	0%	0%	0%	88	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	10%	9%	10%	0%	0%	0%	72%	0%	0%	0%	88	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	7%	5%	0%	0%	0%	77%	0%	4%	0%	88	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	4%	16%	17%	2%	0%	0%	55%	0%	5%	0%	88	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	0%	17%	0%	0%	0%	0%	83%	0%	0%	0%	88	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	0%	6%	8%	3%	2%	0%	81%	0%	0%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	4%	19%	19%	0%	0%	0%	54%	0%	4%	0%	87	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2019	3%	14%	10%	0%	0%	0%	68%	0%	5%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	11%	11%	16%	0%	0%	0%	59%	0%	3%	0%	87	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	8%	10%	14%	0%	0%	0%	65%	0%	3%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	4%	18%	12%	0%	0%	0%	63%	0%	3%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	20%	0%	2%	0%	0%	0%	77%	0%	0%	0%	87	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	14%	11%	23%	2%	0%	0%	43%	0%	6%	0%	87	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	5%	4%	24%	5%	2%	0%	44%	6%	9%	0%	87	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	8%	12%	20%	0%	0%	0%	58%	0%	2%	0%	87	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	24%	7%	14%	2%	0%	0%	52%	0%	0%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	4%	11%	32%	2%	0%	0%	43%	0%	7%	0%	87	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	6%	5%	9%	0%	0%	0%	71%	8%	0%	0%	87	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	19%	8%	25%	0%	0%	0%	37%	10%	0%	0%	87	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	8%	12%	10%	0%	0%	0%	67%	0%	3%	0%	87	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	9%	11%	14%	0%	0%	0%	59%	0%	7%	0%	87	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2020	19%	7%	15%	0%	0%	0%	49%	10%	0%	0%	87	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	15%	13%	11%	0%	0%	0%	57%	0%	4%	0%	86	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	0%	12%	5%	0%	0%	0%	83%	0%	0%	0%	86	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	10%	13%	20%	0%	0%	0%	53%	0%	4%	0%	86	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	8%	0%	9%	0%	0%	0%	76%	0%	7%	0%	86	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/8/2019	9%	14%	37%	3%	1%	0%	33%	0%	4%	0%	86	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	4%	6%	3%	0%	0%	0%	80%	7%	0%	0%	86	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2019	16%	0%	6%	0%	0%	0%	78%	0%	0%	0%	86	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2019	3%	8%	9%	0%	0%	0%	76%	0%	4%	0%	86	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	7%	8%	6%	0%	0%	0%	78%	0%	3%	0%	86	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	13%	7%	0%	0%	0%	0%	80%	0%	0%	0%	86	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	11%	11%	16%	0%	0%	0%	52%	0%	9%	0%	86	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	6%	8%	4%	0%	0%	0%	73%	9%	0%	0%	86	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	10%	12%	23%	0%	0%	0%	44%	7%	4%	0%	86	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	5%	16%	28%	2%	0%	0%	45%	0%	5%	0%	86	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	12%	9%	0%	0%	0%	69%	5%	5%	0%	86	110

TABLE A1
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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	13%	11%	13%	0%	0%	0%	61%	0%	3%	0%	86	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2020	14%	6%	22%	3%	0%	0%	55%	0%	0%	0%	86	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2017	31%	0%	10%	0%	0%	0%	58%	0%	0%	0%	86	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	3%	7%	11%	0%	0%	0%	78%	0%	0%	0%	86	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	9%	14%	22%	0%	0%	0%	48%	0%	7%	0%	86	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	5%	12%	7%	0%	0%	0%	73%	0%	3%	0%	85	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	5%	0%	12%	0%	0%	0%	77%	0%	6%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	14%	6%	19%	0%	0%	0%	60%	0%	0%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	7%	9%	5%	0%	0%	0%	77%	0%	3%	0%	85	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	3%	18%	26%	0%	0%	0%	46%	5%	2%	0%	85	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2020	6%	8%	9%	0%	0%	0%	69%	5%	4%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	6%	16%	12%	0%	0%	0%	62%	0%	4%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	4%	17%	7%	0%	0%	0%	59%	6%	8%	0%	85	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	9%	5%	9%	0%	0%	0%	71%	0%	5%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	5%	12%	16%	0%	0%	0%	63%	0%	5%	0%	85	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	4%	17%	9%	0%	0%	0%	66%	0%	4%	0%	85	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2021	7%	10%	9%	0%	0%	0%	61%	8%	5%	0%	85	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	0%	20%	0%	0%	0%	0%	76%	0%	4%	0%	85	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	8%	12%	19%	2%	0%	0%	57%	0%	2%	0%	85	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	9%	8%	33%	6%	4%	0%	38%	0%	2%	0%	85	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	13%	12%	11%	0%	0%	0%	59%	0%	6%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	7%	7%	5%	0%	0%	0%	78%	0%	4%	0%	85	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	6%	12%	18%	2%	0%	0%	56%	0%	6%	0%	85	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	14%	8%	13%	0%	0%	0%	63%	0%	2%	0%	85	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	13%	0%	0%	0%	78%	9%	0%	0%	84	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2018	37%	0%	0%	0%	0%	0%	63%	0%	0%	0%	84	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2019	0%	12%	0%	0%	0%	0%	81%	0%	7%	0%	84	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	14%	12%	19%	0%	0%	0%	52%	0%	3%	0%	84	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	15%	6%	0%	0%	0%	71%	5%	4%	0%	84	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	5%	12%	8%	0%	0%	0%	75%	0%	0%	0%	84	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	7%	11%	24%	0%	0%	0%	46%	9%	3%	0%	84	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	10%	7%	0%	0%	0%	74%	0%	3%	0%	84	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	13%	0%	3%	0%	0%	0%	78%	0%	6%	0%	84	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	4%	0%	7%	0%	0%	0%	81%	7%	0%	0%	84	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	8%	12%	39%	0%	0%	0%	39%	0%	3%	0%	84	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/21/2020	13%	7%	18%	2%	0%	0%	59%	0%	0%	0%	84	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	11%	0%	18%	0%	0%	0%	72%	0%	0%	0%	84	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	0%	10%	8%	0%	0%	0%	77%	0%	4%	0%	84	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2020	5%	5%	0%	0%	0%	0%	81%	8%	0%	0%	83	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	5%	16%	12%	0%	0%	0%	62%	0%	5%	0%	83	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	0%	7%	8%	0%	0%	0%	80%	0%	5%	0%	83	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	7%	8%	9%	0%	0%	0%	70%	7%	0%	0%	83	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	15%	0%	7%	0%	0%	0%	72%	0%	6%	0%	83	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	10%	0%	0%	0%	0%	0%	84%	0%	7%	0%	83	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	9%	7%	14%	0%	0%	0%	61%	9%	0%	0%	83	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	11%	9%	9%	0%	0%	0%	71%	0%	0%	0%	83	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	3%	9%	6%	0%	0%	0%	73%	0%	9%	0%	83	97

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	13%	8%	8%	0%	0%	0%	63%	0%	8%	0%	83	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	8%	9%	0%	0%	0%	74%	0%	3%	0%	82	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	7%	9%	4%	0%	0%	0%	66%	10%	5%	0%	82	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	5%	4%	5%	0%	0%	0%	56%	27%	3%	0%	82	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	6%	8%	3%	0%	0%	0%	78%	0%	4%	0%	82	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	6%	15%	20%	2%	0%	0%	50%	0%	7%	0%	82	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	9%	4%	25%	4%	0%	0%	43%	14%	2%	0%	82	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	3%	15%	42%	5%	1%	0%	30%	0%	4%	0%	82	170
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/5/2020	7%	5%	17%	2%	0%	0%	58%	8%	3%	0%	82	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	14%	8%	15%	0%	0%	0%	64%	0%	0%	0%	82	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	9%	9%	19%	5%	0%	0%	58%	0%	0%	0%	82	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/29/2019	5%	15%	42%	2%	0%	0%	33%	0%	4%	0%	82	160
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	5%	13%	22%	2%	0%	0%	49%	6%	3%	0%	81	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	12%	11%	15%	0%	0%	0%	59%	0%	2%	0%	81	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	16%	4%	0%	0%	0%	70%	6%	4%	0%	81	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	2%	14%	27%	3%	0%	0%	44%	0%	10%	0%	81	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	14%	9%	19%	3%	0%	0%	52%	0%	3%	0%	81	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	15%	8%	13%	2%	0%	0%	59%	0%	2%	0%	81	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	8%	10%	33%	3%	0%	0%	38%	0%	8%	0%	81	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	6%	17%	16%	0%	0%	0%	52%	0%	9%	0%	81	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	3%	11%	22%	0%	0%	0%	58%	4%	2%	0%	81	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	11%	5%	0%	0%	0%	75%	6%	3%	0%	81	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/5/2020	31%	0%	21%	2%	0%	0%	37%	9%	0%	0%	81	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	7%	10%	7%	0%	0%	0%	73%	0%	3%	0%	81	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	7%	14%	11%	0%	0%	0%	61%	0%	7%	0%	81	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2018	8%	15%	24%	2%	0%	0%	44%	0%	6%	0%	81	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	15%	12%	16%	0%	0%	0%	56%	0%	0%	0%	81	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	6%	9%	11%	0%	0%	0%	66%	7%	0%	0%	81	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	26%	0%	0%	0%	0%	0%	74%	0%	0%	0%	81	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	3%	19%	20%	0%	0%	0%	51%	0%	8%	0%	81	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/10/2019	13%	0%	13%	0%	0%	0%	74%	0%	0%	0%	80	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	5%	2%	11%	0%	0%	0%	76%	6%	0%	0%	80	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	13%	7%	7%	0%	0%	0%	61%	11%	0%	0%	80	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	4%	12%	12%	0%	0%	0%	66%	0%	4%	0%	80	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	14%	19%	21%	0%	0%	0%	38%	8%	0%	0%	80	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2020	11%	11%	8%	0%	0%	0%	67%	0%	3%	0%	80	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/2/2020	5%	10%	12%	0%	0%	0%	66%	8%	0%	0%	80	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	10%	8%	6%	0%	0%	0%	76%	0%	0%	0%	80	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	5%	11%	7%	0%	0%	0%	72%	0%	6%	0%	80	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	2%	0%	14%	0%	0%	0%	77%	4%	3%	0%	80	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	7%	7%	3%	0%	0%	0%	83%	0%	0%	0%	80	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2017	22%	0%	4%	0%	0%	0%	74%	0%	0%	0%	80	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	3%	12%	9%	0%	0%	0%	70%	6%	0%	0%	79	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2019	6%	7%	11%	0%	0%	0%	75%	0%	0%	0%	79	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	17%	8%	0%	0%	0%	67%	8%	0%	0%	79	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/13/2020	17%	0%	3%	0%	0%	0%	77%	0%	4%	0%	79	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	4%	14%	21%	0%	0%	0%	52%	0%	8%	0%	79	110

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	12%	10%	18%	0%	0%	0%	57%	0%	3%	0%	79	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	4%	3%	6%	0%	0%	0%	80%	7%	0%	0%	79	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	10%	10%	11%	0%	0%	0%	66%	0%	3%	0%	79	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	5%	9%	8%	0%	0%	0%	78%	0%	0%	0%	79	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	13%	12%	27%	3%	1%	0%	36%	0%	7%	0%	79	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	11%	7%	6%	0%	0%	0%	76%	0%	0%	0%	79	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	11%	9%	17%	0%	0%	0%	57%	6%	0%	0%	79	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	0%	7%	19%	0%	0%	0%	73%	0%	0%	0%	79	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/3/2019	26%	0%	14%	0%	0%	0%	60%	0%	0%	0%	79	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	20%	0%	0%	0%	0%	72%	0%	7%	0%	78	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2020	4%	16%	15%	0%	0%	0%	55%	4%	5%	0%	78	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	7%	8%	17%	0%	0%	0%	54%	0%	13%	0%	78	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2021	8%	13%	20%	0%	0%	0%	50%	5%	4%	0%	78	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	15%	5%	23%	2%	0%	0%	49%	0%	5%	0%	78	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/3/2020	7%	17%	15%	0%	0%	0%	50%	7%	3%	0%	78	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	8%	8%	10%	0%	0%	0%	63%	7%	4%	0%	78	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2020	3%	20%	9%	0%	0%	0%	58%	5%	5%	0%	78	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2020	3%	15%	34%	0%	0%	0%	42%	3%	4%	0%	78	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2019	17%	0%	0%	0%	0%	0%	83%	0%	0%	0%	78	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	14%	9%	13%	0%	0%	0%	63%	0%	0%	0%	78	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	10%	47%	10%	1%	0%	27%	2%	2%	0%	78	210
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	6%	8%	10%	0%	0%	0%	72%	0%	4%	0%	78	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	21%	14%	0%	0%	0%	55%	6%	5%	0%	78	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/22/2019	9%	10%	9%	0%	0%	0%	68%	0%	3%	0%	78	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	6%	12%	9%	0%	0%	0%	66%	0%	7%	0%	78	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	6%	8%	7%	0%	0%	0%	65%	0%	13%	0%	77	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	0%	12%	6%	0%	0%	0%	71%	0%	12%	0%	77	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	9%	14%	23%	0%	0%	0%	48%	0%	7%	0%	77	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	9%	16%	20%	0%	0%	0%	51%	0%	5%	0%	77	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	0%	15%	12%	0%	0%	0%	67%	0%	6%	0%	77	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2019	4%	0%	9%	0%	0%	0%	81%	0%	6%	0%	77	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	9%	7%	4%	0%	0%	0%	80%	0%	0%	0%	77	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	3%	7%	7%	0%	0%	0%	55%	21%	6%	0%	77	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	11%	12%	21%	0%	0%	0%	50%	0%	6%	0%	77	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	23%	0%	0%	0%	0%	65%	4%	9%	0%	77	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	10%	10%	21%	0%	0%	0%	51%	0%	8%	0%	77	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	6%	9%	12%	0%	0%	0%	70%	0%	2%	0%	77	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	12%	11%	35%	2%	0%	0%	34%	0%	6%	0%	77	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	24%	0%	3%	0%	0%	0%	73%	0%	0%	0%	77	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2019	7%	15%	29%	4%	0%	0%	38%	0%	7%	0%	77	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	18%	0%	3%	0%	0%	0%	80%	0%	0%	0%	77	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	27%	0%	21%	3%	0%	0%	50%	0%	0%	0%	77	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	10%	5%	21%	4%	0%	0%	59%	0%	0%	0%	77	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	6%	9%	13%	0%	0%	0%	72%	0%	0%	0%	77	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	9%	9%	3%	0%	0%	0%	79%	0%	0%	0%	77	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2019	10%	11%	18%	3%	0%	0%	58%	0%	0%	0%	77	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	11%	9%	24%	0%	0%	0%	51%	0%	4%	0%	76	110

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	8%	9%	15%	0%	0%	0%	56%	8%	3%	0%	76	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	7%	10%	18%	2%	0%	0%	55%	0%	8%	0%	76	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	2%	15%	19%	0%	0%	0%	57%	0%	6%	0%	76	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/24/2020	4%	10%	10%	0%	0%	0%	61%	10%	5%	0%	76	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	20%	12%	0%	0%	0%	57%	6%	5%	0%	76	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	14%	7%	17%	0%	0%	0%	51%	0%	10%	0%	76	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	9%	11%	14%	0%	0%	0%	56%	4%	6%	0%	76	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	0%	9%	14%	0%	0%	0%	72%	0%	5%	0%	76	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	7%	13%	13%	0%	0%	0%	64%	0%	3%	0%	76	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	6%	8%	6%	0%	0%	0%	76%	0%	4%	0%	76	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	7%	10%	13%	0%	0%	0%	67%	3%	0%	0%	76	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	10%	11%	11%	0%	0%	0%	65%	0%	3%	0%	75	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/5/2020	10%	9%	17%	0%	0%	0%	50%	7%	7%	0%	75	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	7%	9%	6%	0%	0%	0%	74%	0%	4%	0%	75	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	6%	16%	24%	0%	0%	0%	44%	0%	10%	0%	75	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	15%	12%	11%	0%	0%	0%	62%	0%	0%	0%	75	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2020	0%	9%	13%	0%	0%	0%	70%	5%	4%	0%	75	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	7%	0%	5%	0%	0%	0%	80%	8%	0%	0%	75	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	5%	11%	38%	0%	0%	0%	41%	0%	5%	0%	75	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	11%	4%	0%	0%	0%	79%	5%	0%	0%	75	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2021	10%	6%	11%	0%	0%	0%	66%	7%	0%	0%	75	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/25/2020	7%	10%	10%	0%	0%	0%	61%	8%	4%	0%	75	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	7%	14%	27%	3%	0%	0%	43%	0%	7%	0%	75	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	4%	10%	10%	0%	0%	0%	71%	5%	0%	0%	75	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	0%	11%	9%	0%	0%	0%	81%	0%	0%	0%	75	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	0%	13%	10%	0%	0%	0%	75%	0%	2%	0%	75	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2019	8%	17%	18%	0%	0%	0%	50%	0%	7%	0%	75	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	2%	13%	17%	2%	0%	0%	54%	7%	5%	0%	75	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	9%	12%	9%	0%	0%	0%	61%	0%	8%	0%	75	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2019	4%	10%	18%	0%	0%	0%	63%	0%	4%	0%	75	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	13%	11%	0%	0%	0%	69%	3%	4%	0%	75	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/28/2020	6%	17%	31%	0%	0%	0%	40%	0%	6%	0%	75	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/26/2019	4%	18%	23%	2%	0%	0%	45%	0%	8%	0%	75	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	8%	15%	19%	0%	0%	0%	53%	0%	5%	0%	75	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	4%	10%	9%	0%	0%	0%	72%	5%	0%	0%	74	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2020	17%	3%	9%	0%	0%	0%	65%	5%	0%	0%	74	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	19%	9%	13%	0%	0%	0%	54%	6%	0%	0%	74	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	3%	8%	10%	0%	0%	0%	74%	0%	5%	0%	74	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	0%	10%	7%	0%	0%	0%	77%	0%	5%	0%	74	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	0%	11%	4%	0%	0%	0%	80%	0%	4%	0%	74	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	15%	13%	10%	0%	0%	0%	52%	8%	3%	0%	74	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	13%	10%	0%	0%	0%	65%	7%	4%	0%	74	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	8%	14%	17%	0%	0%	0%	57%	0%	4%	0%	74	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/23/2020	0%	16%	7%	0%	0%	0%	74%	2%	0%	0%	74	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	5%	10%	25%	2%	0%	0%	48%	0%	9%	0%	74	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	0%	9%	11%	0%	0%	0%	76%	0%	4%	0%	74	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	4%	7%	9%	0%	0%	0%	80%	0%	0%	0%	74	82

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	13%	3%	17%	3%	0%	0%	56%	9%	0%	0%	74	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	4%	14%	29%	2%	0%	0%	46%	0%	6%	0%	74	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	7%	12%	19%	0%	0%	0%	60%	0%	2%	0%	74	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	10%	16%	15%	0%	0%	0%	51%	0%	9%	0%	74	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	8%	11%	13%	0%	0%	0%	65%	0%	4%	0%	74	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	11%	4%	5%	0%	0%	0%	69%	7%	3%	0%	74	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	0%	12%	5%	0%	0%	0%	77%	0%	6%	0%	73	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	4%	7%	6%	0%	0%	0%	77%	6%	0%	0%	73	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	6%	10%	7%	0%	0%	0%	74%	0%	3%	0%	73	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	27%	13%	0%	0%	0%	52%	0%	8%	0%	73	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	5%	14%	22%	0%	0%	0%	51%	0%	7%	0%	73	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	19%	0%	0%	0%	0%	0%	81%	0%	0%	0%	73	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	9%	21%	11%	0%	0%	0%	50%	9%	0%	0%	73	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	13%	10%	10%	0%	0%	0%	62%	0%	4%	0%	73	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	6%	14%	15%	0%	0%	0%	60%	0%	5%	0%	73	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	13%	13%	30%	2%	0%	0%	37%	0%	5%	0%	73	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	0%	7%	9%	0%	0%	0%	84%	0%	0%	0%	73	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	5%	8%	5%	0%	0%	0%	72%	9%	0%	0%	73	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	5%	11%	6%	0%	0%	0%	76%	0%	3%	0%	73	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2020	3%	6%	3%	0%	0%	0%	83%	5%	0%	0%	73	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	6%	14%	11%	0%	0%	0%	64%	0%	4%	0%	73	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2020	7%	7%	12%	0%	0%	0%	64%	10%	0%	0%	73	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	7%	0%	20%	2%	0%	0%	60%	8%	2%	0%	73	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	4%	6%	20%	3%	0%	0%	57%	4%	4%	0%	73	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	10%	14%	12%	0%	0%	0%	56%	0%	8%	0%	73	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/26/2019	24%	8%	16%	0%	0%	0%	52%	0%	0%	0%	73	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	0%	15%	19%	0%	0%	0%	59%	0%	7%	0%	73	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	4%	6%	8%	0%	0%	0%	75%	8%	0%	0%	72	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	5%	8%	11%	0%	0%	0%	70%	0%	6%	0%	72	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	6%	0%	4%	0%	0%	0%	80%	9%	0%	0%	72	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	3%	27%	17%	0%	0%	0%	47%	0%	6%	0%	72	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2020	3%	12%	7%	0%	0%	0%	72%	5%	0%	0%	72	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	8%	13%	11%	0%	0%	0%	59%	0%	9%	0%	72	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	0%	16%	17%	0%	0%	0%	59%	0%	9%	0%	72	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	8%	7%	7%	0%	0%	0%	74%	0%	5%	0%	72	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	6%	15%	12%	0%	0%	0%	61%	0%	6%	0%	72	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2020	0%	12%	5%	0%	0%	0%	76%	4%	3%	0%	72	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/29/2020	8%	15%	13%	0%	0%	0%	52%	6%	6%	0%	72	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	9%	19%	21%	0%	0%	0%	46%	0%	5%	0%	72	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/5/2021	2%	13%	5%	0%	0%	0%	72%	3%	3%	0%	72	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	6%	14%	34%	2%	0%	0%	39%	0%	6%	0%	72	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/3/2020	5%	18%	28%	0%	0%	0%	36%	5%	9%	0%	72	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	7%	7%	11%	0%	0%	0%	68%	7%	0%	0%	72	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	0%	10%	7%	0%	0%	0%	83%	0%	0%	0%	72	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	11%	0%	0%	0%	0%	85%	0%	4%	0%	72	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	5%	3%	7%	0%	0%	0%	79%	6%	0%	0%	72	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	6%	14%	15%	0%	0%	0%	63%	0%	2%	0%	72	87

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	16%	11%	0%	0%	0%	73%	0%	0%	0%	72	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	24%	16%	21%	0%	0%	0%	32%	8%	0%	0%	72	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	11%	7%	12%	0%	0%	0%	70%	0%	0%	0%	72	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	16%	0%	4%	0%	0%	0%	74%	0%	6%	0%	72	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	0%	23%	5%	0%	0%	0%	69%	0%	3%	0%	72	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2017	20%	8%	0%	0%	0%	0%	73%	0%	0%	0%	72	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/13/2020	6%	11%	10%	0%	0%	0%	64%	4%	4%	0%	72	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	6%	15%	18%	0%	0%	0%	53%	0%	8%	0%	71	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	9%	17%	17%	0%	0%	0%	52%	0%	5%	0%	71	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	7%	13%	13%	0%	0%	0%	62%	0%	7%	0%	71	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/18/2019	11%	0%	9%	0%	0%	0%	80%	0%	0%	0%	71	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	7%	10%	5%	0%	0%	0%	66%	0%	13%	0%	71	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	5%	11%	23%	0%	0%	0%	46%	10%	5%	0%	71	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	17%	6%	23%	3%	0%	0%	43%	8%	0%	0%	71	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	10%	9%	14%	0%	0%	0%	62%	0%	5%	0%	71	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	13%	11%	4%	0%	0%	0%	67%	0%	5%	0%	71	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	0%	18%	14%	0%	0%	0%	66%	0%	2%	0%	71	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	6%	10%	19%	0%	0%	0%	61%	0%	4%	0%	71	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	6%	10%	14%	0%	0%	0%	62%	7%	0%	0%	71	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	14%	6%	10%	0%	0%	0%	69%	0%	0%	0%	71	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	4%	4%	38%	3%	0%	0%	47%	5%	0%	0%	71	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	11%	13%	17%	0%	0%	0%	57%	0%	2%	0%	71	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	28%	7%	21%	3%	0%	0%	40%	0%	0%	0%	71	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	8%	6%	16%	0%	0%	0%	70%	0%	0%	0%	71	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	4%	11%	18%	0%	0%	0%	54%	0%	13%	0%	71	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	6%	9%	11%	0%	0%	0%	47%	20%	7%	0%	71	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	3%	0%	7%	0%	0%	0%	79%	6%	6%	0%	70	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	6%	11%	6%	0%	0%	0%	68%	0%	9%	0%	70	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	7%	11%	13%	0%	0%	0%	62%	0%	7%	0%	70	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	16%	14%	24%	0%	0%	0%	41%	0%	4%	0%	70	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	17%	5%	9%	0%	0%	0%	63%	6%	0%	0%	70	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	3%	8%	11%	0%	0%	0%	68%	0%	10%	0%	70	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	5%	8%	11%	0%	0%	0%	72%	0%	4%	0%	70	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	10%	6%	40%	5%	0%	0%	35%	0%	4%	0%	70	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	6%	14%	13%	0%	0%	0%	60%	0%	7%	0%	70	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	19%	0%	0%	0%	0%	77%	3%	0%	0%	70	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	16%	8%	16%	0%	0%	0%	56%	0%	5%	0%	70	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	14%	5%	0%	0%	0%	68%	10%	3%	0%	70	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	5%	10%	31%	2%	0%	0%	37%	7%	7%	0%	70	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/26/2019	3%	21%	32%	0%	0%	0%	37%	0%	7%	0%	70	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2019	4%	10%	5%	0%	0%	0%	77%	0%	4%	0%	70	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	8%	6%	14%	0%	0%	0%	72%	0%	0%	0%	70	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	11%	12%	22%	0%	0%	0%	42%	8%	4%	0%	70	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	8%	11%	12%	0%	0%	0%	69%	0%	0%	0%	70	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	0%	27%	27%	0%	0%	0%	41%	0%	5%	0%	70	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	6%	12%	10%	0%	0%	0%	67%	0%	5%	0%	70	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	35%	0%	5%	0%	0%	0%	55%	0%	5%	0%	69	76

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	0%	14%	11%	0%	0%	0%	72%	0%	3%	0%	69	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	15%	6%	13%	0%	0%	0%	60%	0%	5%	0%	69	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/20/2019	4%	12%	20%	0%	0%	0%	44%	0%	19%	0%	69	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	4%	13%	14%	0%	0%	0%	64%	0%	6%	0%	69	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	18%	21%	0%	0%	0%	50%	7%	4%	0%	69	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	6%	15%	19%	0%	0%	0%	51%	4%	5%	0%	69	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	5%	9%	8%	0%	0%	0%	77%	0%	0%	0%	69	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	4%	11%	14%	0%	0%	0%	60%	0%	12%	0%	68	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	4%	13%	14%	0%	0%	0%	64%	0%	5%	0%	68	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	9%	0%	12%	0%	0%	0%	66%	8%	5%	0%	68	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	8%	6%	0%	0%	0%	78%	4%	4%	0%	68	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	10%	0%	6%	0%	0%	0%	79%	0%	6%	0%	68	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	2%	17%	24%	2%	0%	0%	46%	5%	5%	0%	68	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	12%	11%	19%	0%	0%	0%	45%	8%	5%	0%	68	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	5%	16%	12%	0%	0%	0%	62%	0%	6%	0%	68	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	0%	18%	15%	0%	0%	0%	59%	5%	4%	0%	68	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	7%	13%	24%	0%	0%	0%	54%	0%	2%	0%	68	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	68	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	8%	11%	14%	0%	0%	0%	62%	0%	4%	0%	68	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	4%	7%	23%	3%	0%	0%	55%	5%	2%	0%	68	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	3%	14%	13%	0%	0%	0%	61%	0%	9%	0%	67	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2019	6%	14%	12%	0%	0%	0%	66%	0%	3%	0%	67	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/15/2021	17%	6%	23%	0%	0%	0%	40%	8%	5%	0%	67	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	15%	3%	7%	0%	0%	0%	63%	11%	0%	0%	67	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	7%	9%	10%	0%	0%	0%	67%	0%	8%	0%	67	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	8%	10%	15%	0%	0%	0%	54%	11%	3%	0%	67	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	8%	14%	18%	0%	0%	0%	55%	0%	4%	0%	67	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	3%	14%	14%	0%	0%	0%	62%	0%	7%	0%	67	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	5%	11%	10%	0%	0%	0%	67%	0%	8%	0%	67	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2021	0%	13%	5%	0%	0%	0%	77%	5%	0%	0%	67	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	0%	18%	16%	0%	0%	0%	58%	0%	8%	0%	67	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	6%	5%	25%	4%	2%	0%	42%	5%	10%	0%	67	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	6%	11%	21%	0%	0%	0%	59%	0%	3%	0%	67	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	5%	0%	3%	0%	0%	0%	69%	23%	0%	0%	67	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	4%	13%	6%	0%	0%	0%	72%	0%	5%	0%	67	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	8%	9%	4%	0%	0%	0%	77%	0%	3%	0%	67	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/5/2019	6%	13%	7%	0%	0%	0%	74%	0%	0%	0%	67	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/15/2020	9%	11%	14%	0%	0%	0%	54%	7%	4%	0%	67	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	8%	11%	8%	0%	0%	0%	69%	0%	3%	0%	67	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	5%	12%	11%	0%	0%	0%	68%	0%	4%	0%	67	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	10%	8%	16%	0%	0%	0%	65%	0%	0%	0%	67	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	0%	10%	9%	0%	0%	0%	81%	0%	0%	0%	67	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	17%	10%	14%	0%	0%	0%	59%	0%	0%	0%	67	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	5%	10%	10%	0%	0%	0%	69%	0%	6%	0%	66	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	8%	10%	15%	0%	0%	0%	60%	0%	7%	0%	66	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	7%	10%	28%	0%	0%	0%	55%	0%	0%	0%	66	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	10%	13%	13%	0%	0%	0%	57%	0%	6%	0%	66	82

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	7%	8%	7%	0%	0%	0%	72%	0%	5%	0%	66	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2020	10%	12%	11%	0%	0%	0%	63%	0%	4%	0%	66	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2021	0%	6%	5%	0%	0%	0%	85%	4%	0%	0%	66	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	8%	5%	20%	0%	0%	0%	56%	6%	5%	0%	66	95
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	4%	10%	5%	0%	0%	0%	81%	0%	0%	0%	66	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	11%	11%	21%	0%	0%	0%	43%	10%	5%	0%	66	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	9%	10%	11%	0%	0%	0%	61%	0%	9%	0%	66	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/24/2020	5%	6%	10%	0%	0%	0%	69%	6%	4%	0%	66	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	6%	6%	11%	0%	0%	0%	71%	6%	0%	0%	66	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	7%	9%	8%	0%	0%	0%	72%	0%	4%	0%	66	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	23%	0%	5%	0%	0%	0%	72%	0%	0%	0%	66	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	5%	0%	26%	0%	0%	0%	62%	6%	0%	0%	66	98
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	7%	10%	12%	0%	0%	0%	70%	0%	0%	0%	66	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	6%	8%	7%	0%	0%	0%	76%	0%	4%	0%	66	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	15%	8%	22%	3%	0%	0%	47%	0%	4%	0%	65	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2021	13%	10%	27%	0%	0%	0%	42%	6%	3%	0%	65	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	3%	8%	13%	0%	0%	0%	68%	7%	0%	0%	65	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	13%	11%	12%	0%	0%	0%	64%	0%	0%	0%	65	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	6%	13%	30%	2%	0%	0%	44%	0%	4%	0%	65	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/27/2021	0%	18%	10%	0%	0%	0%	62%	0%	9%	0%	65	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2019	0%	11%	7%	0%	0%	0%	78%	0%	4%	0%	65	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	9%	12%	13%	0%	0%	0%	63%	0%	3%	0%	65	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	9%	10%	20%	0%	0%	0%	57%	0%	4%	0%	65	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	4%	10%	21%	2%	0%	0%	57%	0%	7%	0%	65	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2021	0%	9%	39%	5%	0%	0%	43%	2%	3%	0%	65	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	6%	11%	19%	3%	0%	0%	54%	0%	7%	0%	65	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	8%	13%	9%	0%	0%	0%	70%	0%	0%	0%	65	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2021	5%	11%	11%	0%	0%	0%	60%	10%	2%	0%	65	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	61%	6%	0%	0%	0%	33%	0%	0%	0%	65	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	11%	16%	22%	0%	0%	0%	43%	8%	0%	0%	65	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	9%	9%	27%	3%	0%	0%	52%	0%	0%	0%	65	93
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	0%	10%	16%	0%	0%	0%	75%	0%	0%	0%	65	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	5%	17%	18%	0%	0%	0%	50%	0%	11%	0%	65	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	0%	10%	18%	0%	0%	0%	72%	0%	0%	0%	65	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	12%	8%	0%	0%	0%	73%	0%	7%	0%	65	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	8%	8%	8%	0%	0%	0%	73%	0%	3%	0%	64	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	13%	12%	0%	0%	0%	75%	0%	0%	0%	64	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	8%	15%	25%	0%	0%	0%	46%	0%	5%	0%	64	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	5%	8%	7%	0%	0%	0%	73%	8%	0%	0%	64	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	6%	8%	11%	0%	0%	0%	75%	0%	0%	0%	64	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/27/2021	4%	13%	5%	0%	0%	0%	74%	4%	0%	0%	64	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	9%	16%	16%	0%	0%	0%	55%	0%	5%	0%	64	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2019	5%	12%	5%	0%	0%	0%	76%	0%	3%	0%	64	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	9%	9%	13%	0%	0%	0%	64%	0%	5%	0%	64	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	7%	10%	17%	0%	0%	0%	66%	0%	0%	0%	64	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	6%	0%	17%	0%	0%	0%	77%	0%	0%	0%	64	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	5%	9%	14%	0%	0%	0%	72%	0%	0%	0%	64	74

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	4%	6%	10%	0%	0%	0%	73%	7%	0%	0%	63	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	4%	8%	6%	0%	0%	0%	72%	4%	7%	0%	63	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	7%	13%	11%	0%	0%	0%	69%	0%	0%	0%	63	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	16%	12%	0%	0%	0%	68%	0%	4%	0%	63	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	9%	10%	11%	0%	0%	0%	65%	0%	5%	0%	63	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	16%	23%	0%	0%	0%	50%	6%	6%	0%	63	97
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	15%	9%	14%	0%	0%	0%	48%	0%	14%	0%	63	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	0%	12%	4%	0%	0%	0%	81%	0%	3%	0%	63	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	7%	8%	19%	0%	0%	0%	66%	0%	0%	0%	63	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	16%	0%	0%	0%	0%	76%	7%	0%	0%	63	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	5%	14%	15%	0%	0%	0%	61%	0%	5%	0%	63	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	12%	12%	23%	2%	0%	0%	45%	0%	5%	0%	63	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	6%	11%	21%	4%	0%	0%	54%	0%	5%	0%	63	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	8%	6%	25%	0%	0%	0%	50%	9%	3%	0%	63	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	5%	16%	21%	0%	0%	0%	49%	0%	8%	0%	63	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	10%	0%	0%	0%	0%	81%	3%	6%	0%	63	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	5%	9%	4%	0%	0%	0%	81%	0%	0%	0%	63	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	4%	8%	9%	0%	0%	0%	78%	0%	0%	0%	63	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/27/2021	7%	9%	12%	0%	0%	0%	67%	6%	0%	0%	63	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/19/2021	5%	10%	17%	0%	0%	0%	55%	5%	8%	0%	63	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2020	0%	11%	0%	0%	0%	0%	85%	4%	0%	0%	63	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/5/2020	6%	7%	7%	0%	0%	0%	71%	6%	3%	0%	63	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2021	3%	16%	9%	0%	0%	0%	63%	5%	3%	0%	63	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2017	17%	10%	3%	0%	0%	0%	70%	0%	0%	0%	63	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	17%	9%	5%	0%	0%	0%	69%	0%	0%	0%	63	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	19%	13%	11%	0%	0%	0%	49%	0%	7%	0%	63	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	11%	12%	32%	4%	2%	0%	34%	0%	5%	0%	62	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	4%	8%	0%	0%	0%	0%	84%	0%	4%	0%	62	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	14%	8%	20%	2%	0%	0%	51%	0%	4%	0%	62	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	5%	11%	12%	0%	0%	0%	68%	0%	4%	0%	62	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	6%	13%	12%	0%	0%	0%	63%	0%	6%	0%	62	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	7%	11%	7%	0%	0%	0%	72%	0%	4%	0%	62	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	7%	8%	7%	0%	0%	0%	75%	0%	3%	0%	62	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	6%	9%	12%	0%	0%	0%	69%	0%	5%	0%	62	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	7%	11%	13%	0%	0%	0%	61%	0%	8%	0%	62	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	12%	0%	3%	0%	0%	0%	79%	0%	6%	0%	62	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	0%	19%	10%	0%	0%	0%	65%	0%	6%	0%	62	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	3%	5%	10%	0%	0%	0%	71%	7%	5%	0%	62	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	4%	17%	19%	0%	0%	0%	44%	5%	12%	0%	62	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	3%	17%	19%	0%	0%	0%	53%	0%	8%	0%	62	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2017	13%	11%	0%	0%	0%	0%	76%	0%	0%	0%	62	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2020	7%	9%	27%	3%	0%	0%	45%	5%	5%	0%	62	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/9/2021	9%	9%	24%	0%	0%	0%	51%	7%	0%	0%	62	91
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	25%	0%	17%	3%	0%	0%	56%	0%	0%	0%	62	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	12%	22%	0%	0%	0%	56%	5%	6%	0%	62	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	0%	10%	9%	0%	0%	0%	75%	7%	0%	0%	62	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	7%	6%	21%	0%	0%	0%	54%	6%	6%	0%	62	93

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/9/2018	33%	0%	0%	0%	0%	0%	64%	0%	3%	0%	62	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	7%	8%	10%	0%	0%	0%	76%	0%	0%	0%	62	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	8%	0%	5%	0%	0%	0%	78%	0%	9%	0%	62	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	3%	12%	7%	0%	0%	0%	65%	6%	6%	0%	61	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	7%	12%	12%	0%	0%	0%	65%	0%	4%	0%	61	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	4%	7%	5%	0%	0%	0%	79%	5%	0%	0%	61	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	6%	16%	19%	0%	0%	0%	53%	0%	6%	0%	61	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	0%	17%	20%	0%	0%	0%	57%	0%	6%	0%	61	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	7%	8%	7%	0%	0%	0%	74%	0%	4%	0%	61	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/8/2021	5%	6%	8%	0%	0%	0%	75%	6%	0%	0%	61	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	0%	9%	10%	0%	0%	0%	81%	0%	0%	0%	61	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	4%	7%	5%	0%	0%	0%	61%	0%	24%	0%	61	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	5%	11%	14%	0%	0%	0%	59%	0%	12%	0%	61	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	10%	13%	22%	0%	0%	0%	45%	0%	10%	0%	61	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	5%	13%	22%	0%	0%	0%	55%	0%	5%	0%	61	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	5%	7%	0%	0%	0%	0%	79%	9%	0%	0%	61	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	4%	14%	10%	0%	0%	0%	66%	0%	5%	0%	61	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	0%	5%	7%	0%	0%	0%	84%	5%	0%	0%	61	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	3%	11%	17%	0%	0%	0%	58%	5%	6%	0%	61	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	6%	0%	19%	0%	0%	0%	67%	5%	3%	0%	61	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/21/2019	7%	0%	12%	0%	0%	0%	81%	0%	0%	0%	61	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	6%	6%	34%	3%	0%	0%	41%	5%	5%	0%	61	110
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	10%	5%	0%	0%	0%	75%	6%	4%	0%	61	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	10%	13%	12%	0%	0%	0%	65%	0%	0%	0%	60	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	0%	18%	13%	0%	0%	0%	61%	0%	8%	0%	60	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	4%	14%	16%	0%	0%	0%	60%	0%	6%	0%	60	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	18%	11%	28%	0%	0%	0%	39%	0%	4%	0%	60	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	13%	10%	0%	0%	0%	66%	3%	8%	0%	60	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	5%	14%	16%	0%	0%	0%	58%	0%	7%	0%	60	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	11%	8%	10%	0%	0%	0%	63%	0%	8%	0%	60	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	15%	13%	0%	0%	0%	66%	0%	6%	0%	60	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	5%	10%	20%	0%	0%	0%	60%	0%	5%	0%	60	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	0%	9%	10%	0%	0%	0%	81%	0%	0%	0%	60	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	21%	8%	17%	0%	0%	0%	54%	0%	0%	0%	60	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	6%	12%	21%	3%	0%	0%	53%	0%	5%	0%	60	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	4%	8%	9%	0%	0%	0%	79%	0%	0%	0%	60	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/5/2020	9%	0%	18%	0%	0%	0%	66%	7%	0%	0%	60	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	16%	4%	0%	0%	0%	80%	0%	0%	0%	60	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	7%	7%	13%	0%	0%	0%	73%	0%	0%	0%	60	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	14%	18%	3%	0%	0%	54%	0%	5%	0%	60	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	5%	8%	26%	4%	0%	0%	56%	0%	0%	0%	60	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	12%	28%	0%	0%	0%	55%	4%	0%	0%	60	89
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	4%	14%	7%	0%	0%	0%	70%	5%	0%	0%	59	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	6%	10%	10%	0%	0%	0%	68%	0%	6%	0%	59	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	3%	13%	14%	0%	0%	0%	60%	7%	3%	0%	59	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	4%	0%	10%	0%	0%	0%	74%	6%	5%	0%	59	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	16%	10%	0%	0%	0%	68%	4%	3%	0%	59	71

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	6%	9%	5%	0%	0%	0%	76%	0%	3%	0%	59	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	0%	11%	30%	0%	0%	0%	59%	0%	0%	0%	59	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	6%	11%	15%	0%	0%	0%	33%	29%	6%	0%	59	120
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	7%	14%	6%	0%	0%	0%	68%	0%	4%	0%	59	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2018	19%	0%	0%	0%	0%	0%	81%	0%	0%	0%	59	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2020	0%	18%	10%	0%	0%	0%	69%	0%	3%	0%	59	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	4%	20%	20%	0%	0%	0%	46%	3%	7%	0%	59	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	19%	10%	0%	0%	0%	67%	0%	4%	0%	59	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	4%	13%	12%	0%	0%	0%	66%	0%	5%	0%	59	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	0%	10%	6%	0%	0%	0%	84%	0%	0%	0%	59	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	15%	7%	17%	0%	0%	0%	54%	7%	0%	0%	59	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	14%	0%	18%	0%	0%	0%	60%	8%	0%	0%	59	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	0%	12%	6%	0%	0%	0%	77%	0%	5%	0%	59	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	6%	7%	20%	0%	0%	0%	60%	7%	0%	0%	59	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	10%	9%	20%	0%	0%	0%	61%	0%	0%	0%	59	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	15%	0%	18%	0%	0%	0%	59%	8%	0%	0%	59	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	12%	13%	18%	0%	0%	0%	57%	0%	0%	0%	59	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/23/2019	5%	10%	10%	0%	0%	0%	71%	0%	3%	0%	59	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	6%	7%	37%	7%	0%	0%	30%	5%	9%	0%	58	140
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2020	4%	3%	0%	0%	0%	0%	85%	8%	0%	0%	58	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	9%	14%	13%	0%	0%	0%	60%	0%	4%	0%	58	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	13%	10%	8%	0%	0%	0%	66%	0%	3%	0%	58	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	0%	11%	5%	0%	0%	0%	84%	0%	0%	0%	58	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	3%	10%	11%	0%	0%	0%	64%	8%	5%	0%	58	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/27/2019	5%	17%	17%	0%	0%	0%	52%	0%	9%	0%	58	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	6%	12%	20%	0%	0%	0%	50%	6%	6%	0%	58	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	0%	12%	16%	0%	0%	0%	66%	0%	6%	0%	58	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	8%	13%	11%	0%	0%	0%	64%	0%	4%	0%	58	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	0%	25%	9%	0%	0%	0%	56%	4%	6%	0%	58	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/20/2019	4%	11%	19%	0%	0%	0%	54%	0%	12%	0%	58	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	12%	0%	6%	0%	0%	0%	76%	0%	6%	0%	58	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	5%	15%	31%	0%	0%	0%	42%	0%	6%	0%	58	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	17%	17%	0%	0%	0%	53%	7%	7%	0%	58	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	9%	10%	0%	0%	0%	0%	81%	0%	0%	0%	58	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/13/2019	0%	15%	8%	0%	0%	0%	73%	0%	4%	0%	58	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	22%	0%	0%	0%	0%	0%	78%	0%	0%	0%	58	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2020	8%	0%	6%	0%	0%	0%	77%	9%	0%	0%	58	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	0%	11%	8%	0%	0%	0%	77%	0%	4%	0%	57	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	18%	18%	16%	0%	0%	0%	42%	5%	0%	0%	57	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	9%	0%	33%	0%	0%	0%	58%	0%	0%	0%	57	85
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	0%	0%	15%	0%	0%	0%	77%	3%	6%	0%	57	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	10%	8%	13%	0%	0%	0%	61%	0%	8%	0%	57	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	4%	0%	4%	0%	0%	0%	84%	8%	0%	0%	57	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	7%	12%	11%	0%	0%	0%	58%	7%	5%	0%	57	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	9%	13%	32%	3%	0%	0%	38%	0%	5%	0%	57	96
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	7%	10%	19%	0%	0%	0%	51%	8%	5%	0%	57	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/15/2020	0%	12%	17%	0%	0%	0%	63%	4%	4%	0%	57	76

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	2%	13%	46%	11%	4%	0%	23%	0%	2%	0%	57	150
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	6%	0%	16%	0%	0%	0%	63%	9%	5%	0%	57	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	21%	0%	0%	0%	0%	0%	79%	0%	0%	0%	57	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	8%	12%	19%	0%	0%	0%	53%	0%	7%	0%	57	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/9/2021	4%	9%	41%	10%	0%	0%	31%	3%	2%	0%	57	130
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	0%	14%	18%	0%	0%	0%	60%	0%	8%	0%	57	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	6%	19%	14%	0%	0%	0%	53%	8%	0%	0%	57	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	14%	9%	21%	0%	0%	0%	49%	7%	0%	0%	57	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	0%	14%	10%	0%	0%	0%	77%	0%	0%	0%	57	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	11%	10%	18%	0%	0%	0%	61%	0%	0%	0%	57	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	0%	9%	9%	0%	0%	0%	78%	4%	0%	0%	57	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	0%	9%	13%	0%	0%	0%	78%	0%	0%	0%	57	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	11%	3%	0%	0%	0%	78%	0%	8%	0%	57	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/20/2020	14%	11%	28%	0%	0%	0%	47%	0%	0%	0%	57	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	0%	10%	16%	0%	0%	0%	71%	0%	3%	0%	56	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	12%	9%	11%	0%	0%	0%	69%	0%	0%	0%	56	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	4%	17%	17%	0%	0%	0%	53%	0%	8%	0%	56	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	8%	0%	0%	0%	0%	0%	84%	0%	8%	0%	56	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	10%	15%	24%	0%	0%	0%	45%	0%	6%	0%	56	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	4%	15%	33%	0%	0%	0%	45%	0%	4%	0%	56	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	9%	16%	22%	0%	0%	0%	48%	0%	5%	0%	56	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	9%	13%	24%	0%	0%	0%	50%	0%	4%	0%	56	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	8%	13%	10%	0%	0%	0%	62%	0%	7%	0%	56	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	7%	14%	25%	0%	0%	0%	46%	0%	8%	0%	56	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	14%	15%	29%	0%	0%	0%	36%	0%	6%	0%	56	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	7%	7%	32%	2%	0%	0%	42%	0%	11%	0%	56	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	5%	8%	18%	0%	0%	0%	69%	0%	0%	0%	56	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	4%	11%	14%	0%	0%	0%	68%	0%	3%	0%	56	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	0%	11%	16%	0%	0%	0%	73%	0%	0%	0%	56	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	0%	13%	9%	0%	0%	0%	71%	0%	7%	0%	56	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	0%	13%	10%	0%	0%	0%	76%	0%	0%	0%	56	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	0%	28%	16%	0%	0%	0%	51%	0%	5%	0%	56	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2017	8%	10%	21%	5%	0%	0%	51%	0%	6%	0%	56	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	4%	11%	4%	0%	0%	0%	77%	0%	3%	0%	56	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	9%	11%	21%	0%	0%	0%	55%	0%	5%	0%	55	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2021	6%	11%	18%	0%	0%	0%	55%	6%	4%	0%	55	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	13%	0%	11%	0%	0%	0%	76%	0%	0%	0%	55	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	0%	22%	12%	0%	0%	0%	59%	0%	7%	0%	55	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	8%	14%	9%	0%	0%	0%	66%	0%	3%	0%	55	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	0%	16%	12%	0%	0%	0%	65%	0%	7%	0%	55	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2019	19%	11%	14%	0%	0%	0%	57%	0%	0%	0%	55	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2020	0%	14%	25%	3%	0%	0%	54%	0%	4%	0%	55	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	8%	11%	6%	0%	0%	0%	71%	0%	5%	0%	55	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	24%	16%	0%	0%	0%	45%	6%	9%	0%	55	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2019	11%	11%	21%	0%	0%	0%	51%	0%	6%	0%	55	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	0%	8%	7%	0%	0%	0%	76%	0%	9%	0%	55	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	14%	8%	0%	0%	0%	73%	0%	5%	0%	55	63

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	27%	0%	0%	0%	0%	61%	5%	6%	0%	55	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/8/2021	4%	9%	10%	0%	0%	0%	71%	6%	0%	0%	55	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	21%	0%	9%	0%	0%	0%	69%	0%	0%	0%	55	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	4%	11%	11%	0%	0%	0%	62%	0%	12%	0%	55	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	8%	11%	11%	0%	0%	0%	63%	7%	0%	0%	55	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	6%	18%	16%	0%	0%	0%	45%	4%	10%	0%	54	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	9%	0%	0%	0%	0%	0%	80%	11%	0%	0%	54	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	6%	18%	18%	0%	0%	0%	52%	0%	6%	0%	54	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	8%	11%	16%	0%	0%	0%	54%	8%	3%	0%	54	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	0%	20%	20%	0%	0%	0%	56%	0%	4%	0%	54	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	6%	15%	20%	0%	0%	0%	51%	0%	7%	0%	54	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	9%	10%	14%	0%	0%	0%	59%	8%	0%	0%	54	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	70%	0%	0%	0%	0%	0%	30%	0%	0%	0%	54	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	3%	12%	26%	3%	0%	0%	50%	0%	5%	0%	54	81
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	0%	11%	6%	0%	0%	0%	76%	0%	6%	0%	54	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	18%	25%	0%	0%	0%	43%	6%	7%	0%	54	87
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	6%	14%	38%	4%	0%	0%	33%	0%	5%	0%	54	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	9%	11%	0%	0%	0%	74%	6%	0%	0%	54	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	18%	0%	16%	0%	0%	0%	63%	0%	3%	0%	54	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	0%	11%	8%	0%	0%	0%	76%	0%	4%	0%	54	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	11%	0%	9%	0%	0%	0%	77%	0%	3%	0%	54	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	20%	8%	0%	0%	0%	72%	0%	0%	0%	54	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	14%	10%	6%	0%	0%	0%	64%	5%	0%	0%	54	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	7%	9%	12%	0%	0%	0%	69%	0%	4%	0%	54	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	13%	17%	0%	0%	0%	59%	6%	5%	0%	54	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	0%	14%	9%	0%	0%	0%	68%	0%	8%	0%	54	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	8%	13%	17%	0%	0%	0%	63%	0%	0%	0%	54	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	19%	0%	23%	0%	0%	0%	59%	0%	0%	0%	54	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	26%	18%	0%	0%	0%	48%	0%	9%	0%	54	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	5%	21%	11%	0%	0%	0%	54%	0%	9%	0%	54	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/17/2019	8%	11%	10%	0%	0%	0%	67%	0%	4%	0%	54	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2019	13%	0%	10%	0%	0%	0%	76%	0%	0%	0%	54	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	15%	6%	0%	0%	0%	74%	0%	5%	0%	53	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	7%	19%	27%	0%	0%	0%	42%	0%	5%	0%	53	78
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	13%	11%	0%	0%	0%	71%	0%	4%	0%	53	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	10%	15%	15%	0%	0%	0%	57%	0%	3%	0%	53	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	13%	18%	0%	0%	0%	59%	6%	4%	0%	53	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	9%	14%	19%	0%	0%	0%	54%	0%	4%	0%	53	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	8%	8%	12%	0%	0%	0%	61%	8%	3%	0%	53	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	11%	10%	13%	0%	0%	0%	66%	0%	0%	0%	53	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	6%	0%	12%	0%	0%	0%	81%	0%	0%	0%	53	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	10%	0%	11%	0%	0%	0%	68%	8%	4%	0%	53	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	3%	13%	35%	4%	0%	0%	41%	4%	0%	0%	53	92
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	19%	11%	0%	0%	0%	64%	0%	6%	0%	53	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	6%	12%	19%	0%	0%	0%	54%	0%	9%	0%	53	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/9/2021	9%	9%	7%	0%	0%	0%	69%	5%	0%	0%	53	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	0%	10%	6%	0%	0%	0%	84%	0%	0%	0%	53	56

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	6%	0%	15%	0%	0%	0%	75%	0%	4%	0%	53	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	0%	14%	18%	0%	0%	0%	61%	0%	7%	0%	53	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	27%	7%	0%	0%	0%	62%	4%	0%	0%	53	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	0%	17%	11%	0%	0%	0%	64%	0%	8%	0%	53	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	4%	12%	20%	0%	0%	0%	64%	0%	0%	0%	53	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	0%	8%	17%	0%	0%	0%	75%	0%	0%	0%	53	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	21%	6%	0%	0%	0%	63%	0%	11%	0%	53	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	0%	11%	13%	0%	0%	0%	62%	9%	4%	0%	52	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	0%	9%	0%	0%	0%	0%	80%	0%	12%	0%	52	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	0%	18%	13%	0%	0%	0%	61%	0%	7%	0%	52	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	12%	10%	10%	0%	0%	0%	61%	0%	7%	0%	52	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	4%	16%	19%	0%	0%	0%	55%	0%	7%	0%	52	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	16%	16%	0%	0%	0%	60%	0%	7%	0%	52	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	7%	0%	6%	0%	0%	0%	80%	0%	7%	0%	52	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	25%	7%	0%	0%	0%	61%	8%	0%	0%	52	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	6%	12%	11%	0%	0%	0%	57%	10%	3%	0%	52	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	6%	14%	20%	0%	0%	0%	54%	0%	7%	0%	52	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2020	5%	11%	8%	0%	0%	0%	67%	5%	5%	0%	52	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	9%	15%	12%	0%	0%	0%	55%	8%	0%	0%	52	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	22%	15%	0%	0%	0%	60%	0%	4%	0%	52	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	7%	7%	16%	0%	0%	0%	62%	8%	0%	0%	52	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2021	4%	11%	33%	3%	0%	0%	45%	4%	0%	0%	52	86
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	5%	16%	20%	0%	0%	0%	53%	0%	6%	0%	52	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	13%	0%	6%	0%	0%	0%	81%	0%	0%	0%	52	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2021	11%	5%	4%	0%	0%	0%	75%	5%	0%	0%	52	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	12%	8%	31%	3%	0%	0%	42%	0%	5%	0%	52	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	27%	9%	0%	0%	0%	55%	0%	4%	0%	52	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	8%	14%	25%	3%	0%	0%	39%	6%	5%	0%	52	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	16%	0%	9%	0%	0%	0%	75%	0%	0%	0%	52	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	0%	17%	9%	0%	0%	0%	63%	0%	11%	0%	52	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	0%	19%	15%	0%	0%	0%	47%	0%	19%	0%	52	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	5%	12%	4%	0%	0%	0%	75%	0%	4%	0%	51	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	4%	13%	19%	0%	0%	0%	59%	5%	0%	0%	51	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	6%	10%	14%	0%	0%	0%	66%	0%	3%	0%	51	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	4%	28%	19%	0%	0%	0%	42%	0%	8%	0%	51	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	5%	14%	29%	0%	0%	0%	42%	0%	10%	0%	51	83
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	7%	0%	15%	0%	0%	0%	71%	0%	6%	0%	51	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	0%	16%	23%	0%	0%	0%	50%	0%	11%	0%	51	77
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	19%	0%	13%	0%	0%	0%	68%	0%	0%	0%	51	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2019	7%	11%	13%	0%	0%	0%	64%	0%	6%	0%	51	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	4%	10%	15%	0%	0%	0%	63%	4%	4%	0%	51	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	8%	8%	21%	0%	0%	0%	57%	6%	0%	0%	51	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	11%	0%	0%	0%	0%	84%	5%	0%	0%	51	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2021	0%	8%	5%	0%	0%	0%	82%	4%	0%	0%	51	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	4%	14%	22%	0%	0%	0%	55%	0%	6%	0%	51	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/8/2021	8%	7%	9%	0%	0%	0%	69%	7%	0%	0%	51	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	5%	17%	23%	7%	0%	0%	44%	0%	4%	0%	51	78

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	11%	0%	30%	0%	0%	0%	59%	0%	0%	0%	51	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	14%	8%	0%	0%	0%	73%	0%	5%	0%	51	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	28%	0%	16%	0%	0%	0%	56%	0%	0%	0%	51	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2017	33%	0%	12%	0%	0%	0%	55%	0%	0%	0%	51	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	6%	15%	19%	0%	0%	0%	55%	0%	5%	0%	51	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	6%	7%	14%	0%	0%	0%	66%	7%	0%	0%	50	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	5%	16%	12%	0%	0%	0%	63%	0%	5%	0%	50	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	0%	10%	23%	0%	0%	0%	58%	0%	9%	0%	50	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	15%	8%	12%	0%	0%	0%	58%	7%	0%	0%	50	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	5%	11%	14%	0%	0%	0%	64%	0%	5%	0%	50	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	4%	14%	15%	0%	0%	0%	56%	4%	8%	0%	50	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	5%	0%	5%	0%	0%	0%	82%	9%	0%	0%	50	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	4%	10%	16%	0%	0%	0%	69%	0%	0%	0%	50	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	14%	10%	0%	0%	0%	67%	5%	3%	0%	50	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	0%	11%	0%	0%	0%	0%	84%	0%	5%	0%	50	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	7%	8%	17%	0%	0%	0%	35%	29%	3%	0%	50	99
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/15/2020	0%	12%	9%	0%	0%	0%	72%	6%	0%	0%	50	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	16%	5%	0%	0%	0%	70%	0%	8%	0%	50	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2020	0%	13%	15%	0%	0%	0%	65%	7%	0%	0%	50	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	4%	13%	23%	5%	3%	0%	43%	0%	10%	0%	50	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	0%	21%	9%	0%	0%	0%	65%	0%	5%	0%	50	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	5%	9%	11%	0%	0%	0%	67%	7%	0%	0%	50	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	50	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2020	5%	9%	13%	0%	0%	0%	66%	6%	0%	0%	50	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	9%	14%	28%	0%	0%	0%	41%	0%	9%	0%	50	79
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	9%	4%	0%	0%	0%	79%	8%	0%	0%	50	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	16%	12%	0%	0%	0%	72%	0%	0%	0%	50	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	9%	22%	0%	0%	0%	69%	0%	0%	0%	50	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	9%	23%	0%	0%	0%	68%	0%	0%	0%	50	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	0%	12%	17%	0%	0%	0%	72%	0%	0%	0%	50	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	0%	12%	14%	0%	0%	0%	74%	0%	0%	0%	50	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/31/2019	0%	10%	6%	0%	0%	0%	83%	0%	0%	0%	50	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	0%	11%	9%	0%	0%	0%	69%	0%	11%	0%	50	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	8%	6%	4%	0%	0%	0%	75%	8%	0%	0%	49	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2020	7%	0%	12%	0%	0%	0%	76%	0%	5%	0%	49	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	4%	13%	12%	0%	0%	0%	59%	3%	9%	0%	49	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	5%	12%	7%	0%	0%	0%	71%	0%	6%	0%	49	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	21%	9%	0%	0%	0%	66%	0%	4%	0%	49	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	0%	12%	20%	0%	0%	0%	57%	0%	11%	0%	49	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	25%	0%	6%	0%	0%	0%	63%	0%	6%	0%	49	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	6%	17%	9%	0%	0%	0%	64%	0%	4%	0%	49	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	6%	0%	12%	0%	0%	0%	82%	0%	0%	0%	49	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	0%	25%	0%	0%	0%	0%	69%	0%	6%	0%	49	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	37%	0%	0%	0%	0%	0%	63%	0%	0%	0%	49	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	13%	0%	4%	0%	0%	0%	76%	0%	7%	0%	49	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	5%	19%	8%	0%	0%	0%	59%	0%	9%	0%	49	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	13%	0%	6%	0%	0%	0%	80%	0%	0%	0%	49	52

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	6%	17%	17%	0%	0%	0%	54%	0%	5%	0%	49	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	49	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	7%	7%	41%	3%	0%	0%	34%	4%	4%	0%	49	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	6%	18%	20%	0%	0%	0%	51%	0%	5%	0%	49	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	5%	10%	12%	0%	0%	0%	68%	5%	0%	0%	49	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/24/2020	4%	9%	11%	0%	0%	0%	70%	6%	0%	0%	49	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	8%	14%	25%	0%	0%	0%	49%	0%	5%	0%	49	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	11%	10%	16%	0%	0%	0%	63%	0%	0%	0%	49	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	9%	13%	0%	0%	0%	77%	0%	0%	0%	49	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	16%	19%	0%	0%	0%	56%	0%	8%	0%	49	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	5%	14%	10%	0%	0%	0%	67%	0%	4%	0%	49	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	4%	20%	13%	0%	0%	0%	46%	0%	17%	0%	49	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	14%	13%	0%	0%	0%	61%	6%	5%	0%	48	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	8%	6%	8%	0%	0%	0%	67%	6%	5%	0%	48	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	4%	11%	12%	0%	0%	0%	63%	6%	5%	0%	48	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	0%	9%	5%	0%	0%	0%	81%	0%	5%	0%	48	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	4%	11%	15%	0%	0%	0%	60%	4%	5%	0%	48	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	13%	0%	0%	0%	0%	0%	76%	11%	0%	0%	48	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	17%	23%	0%	0%	0%	56%	0%	5%	0%	48	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2018	29%	0%	6%	0%	0%	0%	64%	0%	0%	0%	48	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2019	5%	14%	11%	0%	0%	0%	65%	0%	4%	0%	48	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	17%	21%	5%	0%	0%	51%	3%	4%	0%	48	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	5%	8%	19%	0%	0%	0%	57%	5%	6%	0%	48	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2020	7%	6%	9%	0%	0%	0%	68%	10%	0%	0%	48	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	10%	16%	21%	3%	0%	0%	44%	0%	6%	0%	48	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	5%	12%	17%	0%	0%	0%	56%	6%	5%	0%	48	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2020	6%	13%	20%	0%	0%	0%	50%	5%	5%	0%	48	70
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	0%	11%	4%	0%	0%	0%	85%	0%	0%	0%	48	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2020	38%	21%	8%	3%	0%	0%	18%	0%	3%	8%	48	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	6%	9%	18%	0%	0%	0%	63%	5%	0%	0%	48	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	30%	10%	0%	0%	0%	55%	5%	0%	0%	48	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2020	0%	13%	10%	0%	0%	0%	73%	4%	0%	0%	48	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	7%	12%	11%	0%	0%	0%	70%	0%	0%	0%	48	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	11%	0%	0%	0%	0%	0%	82%	7%	0%	0%	48	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2021	7%	9%	10%	0%	0%	0%	68%	6%	0%	0%	47	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	10%	12%	8%	0%	0%	0%	71%	0%	0%	0%	47	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	5%	14%	20%	0%	0%	0%	61%	0%	0%	0%	47	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	24%	13%	0%	0%	0%	56%	0%	7%	0%	47	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2020	0%	13%	11%	0%	0%	0%	69%	6%	0%	0%	47	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	7%	15%	20%	0%	0%	0%	49%	6%	3%	0%	47	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2019	5%	15%	31%	0%	0%	0%	43%	0%	7%	0%	47	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	7%	0%	22%	0%	0%	0%	58%	7%	5%	0%	47	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	22%	17%	0%	0%	0%	52%	0%	8%	0%	47	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	0%	16%	16%	0%	0%	0%	63%	0%	5%	0%	47	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	10%	8%	0%	0%	0%	81%	0%	0%	0%	47	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	10%	0%	13%	0%	0%	0%	77%	0%	0%	0%	47	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	0%	26%	0%	0%	0%	0%	74%	0%	0%	0%	47	47

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	10%	9%	11%	0%	0%	0%	57%	8%	5%	0%	47	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	0%	20%	17%	0%	0%	0%	53%	0%	9%	0%	47	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	19%	34%	0%	0%	0%	34%	5%	8%	0%	47	88
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	6%	19%	19%	0%	0%	0%	49%	0%	7%	0%	47	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	21%	7%	0%	0%	0%	67%	0%	5%	0%	47	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2021	21%	0%	20%	0%	0%	0%	45%	14%	0%	0%	47	71
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2018	0%	10%	0%	0%	0%	0%	78%	0%	12%	0%	47	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	0%	13%	6%	0%	0%	0%	81%	0%	0%	0%	47	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	9%	7%	0%	0%	0%	79%	5%	0%	0%	47	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	0%	11%	15%	4%	0%	0%	66%	0%	3%	0%	47	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	6%	6%	11%	0%	0%	0%	66%	6%	4%	0%	47	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	0%	11%	21%	0%	0%	0%	54%	6%	7%	0%	47	72
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	18%	9%	24%	0%	0%	0%	43%	6%	0%	0%	47	67
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	4%	13%	17%	0%	0%	0%	51%	0%	15%	0%	47	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	25%	10%	0%	0%	0%	60%	6%	0%	0%	47	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	5%	11%	20%	0%	0%	0%	64%	0%	0%	0%	47	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2018	26%	0%	4%	0%	0%	0%	69%	0%	0%	0%	47	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	10%	16%	15%	0%	0%	0%	51%	0%	8%	0%	47	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	0%	8%	5%	0%	0%	0%	81%	6%	0%	0%	47	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/8/2021	0%	13%	0%	0%	0%	0%	75%	7%	6%	0%	47	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	8%	12%	16%	0%	0%	0%	59%	0%	5%	0%	47	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	10%	11%	15%	0%	0%	0%	56%	8%	0%	0%	47	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	5%	17%	12%	0%	0%	0%	52%	0%	13%	0%	47	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2020	10%	9%	30%	4%	3%	0%	36%	0%	8%	0%	47	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	5%	20%	11%	0%	0%	0%	51%	0%	13%	0%	46	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2020	0%	17%	17%	0%	0%	0%	61%	0%	5%	0%	46	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	15%	7%	0%	0%	0%	78%	0%	0%	0%	46	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	20%	0%	16%	0%	0%	0%	64%	0%	0%	0%	46	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	6%	11%	23%	0%	0%	0%	51%	5%	4%	0%	46	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	5%	14%	11%	0%	0%	0%	65%	0%	5%	0%	46	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2021	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	46	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	5%	10%	15%	0%	0%	0%	67%	0%	4%	0%	46	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	8%	0%	6%	0%	0%	0%	81%	0%	5%	0%	46	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	0%	15%	16%	0%	0%	11%	53%	0%	5%	0%	46	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	12%	29%	6%	0%	0%	32%	0%	14%	0%	46	90
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	35%	0%	0%	0%	0%	65%	0%	0%	0%	46	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	0%	18%	4%	0%	0%	0%	70%	0%	8%	0%	46	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	5%	6%	14%	0%	0%	0%	65%	7%	4%	0%	46	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	4%	4%	0%	0%	0%	82%	9%	0%	0%	46	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	7%	0%	9%	0%	0%	0%	80%	0%	4%	0%	46	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2020	4%	0%	0%	0%	0%	0%	82%	4%	9%	0%	46	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	14%	11%	18%	0%	0%	0%	57%	0%	0%	0%	46	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	10%	0%	0%	0%	0%	0%	82%	0%	8%	0%	46	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/4/2019	7%	17%	12%	0%	0%	0%	55%	0%	9%	0%	46	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	0%	6%	5%	0%	0%	0%	84%	5%	0%	0%	45	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	11%	6%	9%	0%	0%	0%	67%	8%	0%	0%	45	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	11%	0%	12%	0%	0%	0%	72%	0%	5%	0%	45	54

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/26/2021	7%	7%	11%	0%	0%	0%	69%	6%	0%	0%	45	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	8%	0%	0%	0%	0%	81%	6%	5%	0%	45	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	7%	13%	20%	0%	0%	0%	55%	0%	5%	0%	45	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/27/2019	0%	17%	0%	0%	0%	0%	83%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	0%	14%	14%	0%	0%	0%	66%	0%	6%	0%	45	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	5%	0%	10%	0%	0%	0%	78%	8%	0%	0%	45	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	10%	0%	16%	0%	0%	0%	63%	11%	0%	0%	45	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	7%	13%	23%	0%	0%	0%	50%	0%	7%	0%	45	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	6%	17%	15%	0%	0%	0%	62%	0%	0%	0%	45	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2020	0%	8%	4%	0%	0%	0%	83%	5%	0%	0%	45	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	22%	13%	0%	0%	0%	59%	0%	6%	0%	45	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	4%	0%	26%	4%	0%	0%	41%	0%	25%	0%	45	100
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	60%	13%	0%	0%	0%	0%	27%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	20%	0%	20%	0%	0%	0%	61%	0%	0%	0%	45	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	22%	0%	0%	0%	0%	0%	78%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	7%	0%	8%	0%	0%	0%	77%	8%	0%	0%	45	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	0%	20%	0%	0%	0%	0%	74%	0%	6%	0%	45	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/29/2020	7%	12%	25%	0%	0%	0%	47%	7%	3%	0%	45	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	17%	0%	0%	0%	0%	0%	83%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	5%	8%	28%	0%	0%	0%	53%	6%	0%	0%	45	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	6%	14%	20%	0%	0%	0%	55%	5%	0%	0%	45	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	6%	19%	19%	0%	0%	0%	52%	5%	0%	0%	45	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	0%	18%	6%	0%	0%	0%	71%	0%	6%	0%	45	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	6%	11%	40%	7%	0%	0%	31%	0%	5%	0%	45	94
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	24%	32%	0%	0%	0%	36%	0%	8%	0%	45	75
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/13/2019	36%	0%	6%	0%	0%	0%	59%	0%	0%	0%	45	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	28%	17%	0%	0%	0%	51%	4%	0%	0%	45	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	9%	9%	17%	0%	0%	0%	59%	6%	0%	0%	45	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	25%	0%	0%	0%	0%	70%	5%	0%	0%	45	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	12%	14%	27%	0%	0%	0%	43%	0%	4%	0%	45	66
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	14%	0%	13%	0%	0%	0%	73%	0%	0%	0%	45	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/30/2019	0%	14%	4%	0%	0%	0%	74%	0%	7%	0%	45	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2020	29%	0%	0%	0%	0%	0%	71%	0%	0%	0%	45	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	8%	9%	17%	0%	0%	0%	59%	0%	7%	0%	45	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2021	5%	0%	5%	0%	0%	0%	84%	5%	0%	0%	45	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	0%	24%	16%	0%	0%	0%	48%	0%	12%	0%	45	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	0%	10%	8%	0%	0%	0%	70%	0%	13%	0%	45	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/18/2019	28%	0%	26%	0%	0%	0%	46%	0%	0%	0%	45	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	12%	7%	0%	0%	0%	70%	0%	11%	0%	44	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2020	8%	6%	21%	0%	0%	0%	59%	6%	0%	0%	44	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	18%	15%	0%	0%	0%	61%	0%	6%	0%	44	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	12%	20%	0%	0%	0%	56%	3%	9%	0%	44	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	7%	16%	23%	0%	0%	0%	49%	0%	6%	0%	44	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	0%	10%	11%	0%	0%	0%	74%	4%	0%	0%	44	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	11%	0%	9%	0%	0%	0%	68%	8%	5%	0%	44	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	5%	15%	35%	4%	0%	0%	32%	4%	5%	0%	44	85

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	9%	0%	0%	0%	82%	9%	0%	0%	44	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	9%	13%	5%	0%	0%	0%	73%	0%	0%	0%	44	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2020	0%	16%	33%	3%	0%	0%	42%	3%	3%	0%	44	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2019	0%	19%	14%	0%	0%	0%	57%	0%	10%	0%	44	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/3/2020	6%	10%	13%	0%	0%	0%	63%	7%	0%	0%	44	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	8%	9%	6%	0%	0%	0%	68%	9%	0%	0%	44	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	0%	15%	9%	0%	0%	0%	69%	0%	7%	0%	44	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2021	0%	8%	13%	0%	0%	0%	73%	6%	0%	0%	44	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	7%	13%	8%	0%	0%	0%	71%	0%	0%	0%	44	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	9%	12%	18%	0%	0%	0%	61%	0%	0%	0%	44	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/14/2020	0%	13%	7%	0%	0%	0%	79%	0%	0%	0%	44	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	10%	15%	0%	0%	0%	74%	0%	0%	0%	44	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	8%	18%	24%	0%	0%	0%	45%	0%	6%	0%	44	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2020	5%	14%	14%	0%	0%	0%	58%	4%	6%	0%	44	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	34%	32%	10%	5%	0%	0%	3%	0%	5%	11%	43	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	9%	11%	9%	0%	0%	0%	71%	0%	0%	0%	43	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	5%	17%	22%	0%	0%	0%	46%	0%	9%	0%	43	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	5%	12%	23%	0%	0%	0%	50%	0%	10%	0%	43	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	0%	11%	6%	0%	0%	0%	78%	0%	5%	0%	43	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/8/2019	7%	7%	11%	0%	0%	0%	75%	0%	0%	0%	43	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	0%	14%	8%	0%	0%	14%	48%	0%	16%	0%	43	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	10%	0%	17%	0%	0%	0%	73%	0%	0%	0%	43	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	13%	12%	9%	0%	0%	0%	66%	0%	0%	0%	43	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	43	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	3%	10%	35%	4%	0%	0%	42%	4%	0%	0%	43	76
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	18%	23%	0%	0%	0%	52%	8%	0%	0%	43	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	43	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	43	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	4%	0%	9%	0%	0%	0%	76%	5%	5%	0%	43	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	15%	15%	0%	0%	0%	70%	0%	0%	0%	43	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/23/2020	6%	13%	0%	0%	0%	0%	72%	8%	0%	0%	43	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/31/2018	23%	0%	0%	0%	0%	0%	77%	0%	0%	0%	43	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	10%	7%	0%	0%	0%	73%	4%	5%	0%	43	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2021	11%	0%	10%	0%	0%	0%	70%	9%	0%	0%	42	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	20%	0%	10%	0%	0%	0%	70%	0%	0%	0%	42	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	0%	15%	5%	0%	0%	0%	80%	0%	0%	0%	42	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/6/2020	7%	12%	11%	0%	0%	0%	70%	0%	0%	0%	42	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	33%	11%	0%	0%	0%	48%	0%	8%	0%	42	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	0%	13%	26%	4%	0%	0%	54%	0%	3%	0%	42	63
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	11%	17%	18%	0%	0%	0%	49%	0%	6%	0%	42	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	13%	0%	0%	0%	0%	83%	5%	0%	0%	42	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	7%	0%	10%	0%	0%	0%	79%	0%	4%	0%	42	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	0%	11%	8%	0%	0%	0%	74%	0%	8%	0%	42	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	5%	0%	14%	0%	0%	0%	76%	0%	6%	0%	42	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	6%	20%	17%	0%	0%	0%	50%	0%	8%	0%	42	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	11%	0%	10%	0%	0%	0%	74%	0%	4%	0%	42	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	13%	11%	0%	0%	0%	72%	0%	4%	0%	42	50

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	13%	9%	15%	0%	0%	0%	56%	6%	0%	0%	42	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	16%	8%	32%	7%	0%	0%	28%	0%	9%	0%	42	82
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	5%	11%	10%	0%	0%	0%	67%	7%	0%	0%	42	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	0%	16%	13%	0%	0%	0%	62%	0%	8%	0%	42	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	14%	10%	0%	0%	0%	77%	0%	0%	0%	42	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	30%	11%	0%	0%	0%	54%	4%	0%	0%	42	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/12/2021	8%	12%	34%	4%	0%	0%	37%	5%	0%	0%	42	74
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	11%	5%	8%	0%	0%	0%	69%	7%	0%	0%	42	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	42	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	6%	5%	0%	0%	0%	83%	7%	0%	0%	42	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	10%	7%	33%	0%	0%	0%	40%	5%	5%	0%	42	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	10%	12%	28%	0%	0%	0%	44%	6%	0%	0%	42	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	5%	12%	24%	0%	0%	0%	55%	0%	4%	0%	42	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2019	10%	13%	21%	0%	0%	0%	51%	0%	5%	0%	42	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	11%	10%	16%	0%	0%	0%	55%	8%	0%	0%	42	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	5%	0%	8%	0%	0%	0%	80%	7%	0%	0%	42	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	8%	5%	5%	0%	0%	0%	75%	7%	0%	0%	41	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	5%	0%	4%	0%	0%	0%	71%	7%	13%	0%	41	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	10%	0%	14%	0%	0%	0%	76%	0%	0%	0%	41	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	15%	11%	0%	0%	0%	75%	0%	0%	0%	41	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	8%	13%	31%	3%	0%	0%	27%	5%	12%	0%	41	84
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	14%	8%	18%	0%	0%	0%	53%	7%	0%	0%	41	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2020	14%	5%	13%	0%	0%	0%	61%	7%	0%	0%	41	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	7%	13%	25%	4%	0%	0%	43%	0%	9%	0%	41	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	0%	16%	14%	0%	0%	0%	64%	0%	7%	0%	41	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2020	6%	13%	13%	0%	0%	0%	53%	4%	11%	0%	41	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	0%	10%	29%	4%	0%	0%	50%	0%	7%	0%	41	69
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	0%	16%	20%	0%	0%	0%	58%	0%	6%	0%	41	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	0%	16%	7%	0%	0%	0%	72%	0%	5%	0%	41	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	16%	0%	7%	0%	0%	0%	77%	0%	0%	0%	41	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	19%	0%	6%	0%	0%	0%	70%	0%	6%	0%	41	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/24/2019	8%	17%	12%	0%	0%	0%	52%	0%	11%	0%	41	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	11%	7%	0%	0%	0%	75%	6%	0%	0%	41	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	10%	10%	20%	0%	0%	0%	48%	5%	8%	0%	41	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	8%	16%	14%	0%	0%	0%	56%	0%	6%	0%	41	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	12%	18%	0%	0%	0%	66%	0%	4%	0%	41	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	8%	18%	26%	0%	0%	0%	41%	0%	6%	0%	41	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	28%	11%	0%	0%	0%	54%	8%	0%	0%	41	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	16%	0%	0%	0%	79%	0%	5%	0%	41	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	6%	17%	25%	0%	0%	0%	45%	0%	7%	0%	41	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	24%	9%	0%	0%	0%	67%	0%	0%	0%	41	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2021	16%	5%	18%	0%	0%	0%	51%	9%	0%	0%	41	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	26%	20%	0%	0%	0%	49%	5%	0%	0%	41	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	37%	0%	0%	0%	0%	63%	0%	0%	0%	41	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	10%	6%	6%	0%	0%	0%	68%	9%	0%	0%	41	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	0%	11%	5%	0%	0%	0%	78%	0%	6%	0%	41	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	0%	17%	16%	0%	0%	0%	62%	0%	5%	0%	41	52

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	6%	8%	25%	5%	0%	0%	37%	0%	19%	0%	41	80
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	24%	18%	0%	0%	0%	51%	0%	6%	0%	41	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	0%	16%	15%	0%	0%	0%	70%	0%	0%	0%	40	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	21%	18%	0%	0%	0%	54%	0%	7%	0%	40	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	11%	7%	0%	0%	0%	77%	0%	5%	0%	40	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	17%	23%	0%	0%	0%	53%	0%	8%	0%	40	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/7/2019	0%	13%	34%	0%	0%	0%	46%	0%	7%	0%	40	68
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	0%	12%	9%	0%	0%	0%	71%	0%	9%	0%	40	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	11%	0%	25%	0%	0%	0%	64%	0%	0%	0%	40	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	5%	12%	17%	0%	0%	0%	56%	5%	4%	0%	40	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	6%	9%	0%	0%	0%	73%	12%	0%	0%	40	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	0%	19%	23%	0%	0%	0%	51%	0%	7%	0%	40	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	8%	14%	19%	0%	0%	0%	53%	6%	0%	0%	40	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	35%	0%	0%	0%	0%	65%	0%	0%	0%	40	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	12%	4%	28%	4%	0%	0%	46%	6%	0%	0%	40	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	27%	9%	0%	0%	0%	64%	0%	0%	0%	40	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	15%	15%	10%	0%	0%	0%	54%	0%	7%	0%	40	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	0%	16%	8%	0%	0%	0%	76%	0%	0%	0%	40	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	8%	23%	13%	0%	0%	0%	52%	0%	5%	0%	40	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	0%	16%	19%	0%	0%	0%	61%	0%	5%	0%	40	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	5%	12%	21%	0%	0%	0%	58%	4%	0%	0%	40	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	6%	0%	6%	0%	0%	0%	79%	9%	0%	0%	40	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2019	26%	7%	14%	0%	0%	0%	53%	0%	0%	0%	40	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	14%	0%	10%	0%	0%	0%	76%	0%	0%	0%	40	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/6/2020	0%	16%	21%	0%	0%	0%	49%	5%	8%	0%	40	61
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	11%	0%	16%	0%	0%	0%	73%	0%	0%	0%	40	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	14%	0%	11%	0%	0%	0%	71%	0%	4%	0%	40	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	6%	13%	13%	0%	0%	0%	64%	5%	0%	0%	39	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2020	0%	20%	22%	0%	0%	0%	52%	0%	6%	0%	39	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	0%	10%	10%	0%	0%	0%	74%	6%	0%	0%	39	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	17%	8%	0%	0%	0%	71%	0%	5%	0%	39	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	5%	11%	11%	0%	0%	0%	59%	4%	9%	0%	39	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	7%	13%	24%	0%	0%	0%	46%	6%	4%	0%	39	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2017	18%	0%	0%	0%	0%	0%	82%	0%	0%	0%	39	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	30%	10%	0%	0%	0%	60%	0%	0%	0%	39	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/15/2021	6%	9%	6%	0%	0%	0%	70%	8%	0%	0%	39	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	5%	19%	8%	0%	0%	0%	59%	5%	4%	0%	39	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2020	0%	21%	18%	0%	0%	0%	62%	0%	0%	0%	39	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2020	9%	11%	17%	0%	0%	0%	58%	0%	5%	0%	39	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/5/2021	0%	13%	9%	0%	0%	0%	77%	0%	0%	0%	39	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/31/2020	8%	6%	16%	0%	0%	0%	64%	7%	0%	0%	39	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	30%	16%	0%	0%	0%	54%	0%	0%	0%	39	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	8%	0%	17%	0%	0%	0%	68%	7%	0%	0%	39	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2019	12%	0%	25%	0%	0%	0%	63%	0%	0%	0%	39	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	13%	7%	0%	0%	0%	0%	80%	0%	0%	0%	39	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	0%	13%	28%	0%	0%	0%	59%	0%	0%	0%	39	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	8%	14%	24%	0%	0%	0%	48%	0%	5%	0%	38	54

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	0%	14%	17%	0%	0%	0%	63%	0%	6%	0%	38	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	7%	11%	14%	0%	0%	0%	61%	0%	6%	0%	38	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	5%	10%	10%	0%	0%	0%	67%	5%	5%	0%	38	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/10/2020	0%	12%	14%	0%	0%	0%	69%	5%	0%	0%	38	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	0%	13%	11%	0%	0%	0%	68%	0%	8%	0%	38	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	12%	15%	0%	0%	0%	0%	58%	8%	7%	0%	38	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/10/2017	36%	0%	9%	0%	0%	0%	55%	0%	0%	0%	38	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	0%	6%	8%	0%	0%	0%	87%	0%	0%	0%	38	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	15%	9%	28%	4%	4%	0%	36%	0%	3%	0%	38	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	0%	8%	10%	0%	0%	0%	76%	6%	0%	0%	38	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	10%	0%	16%	0%	0%	0%	74%	0%	0%	0%	38	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	5%	7%	8%	0%	0%	0%	68%	8%	4%	0%	38	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	8%	10%	0%	0%	0%	70%	7%	5%	0%	38	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	5%	13%	27%	0%	0%	0%	50%	0%	6%	0%	38	56
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	12%	15%	0%	0%	0%	73%	0%	0%	0%	38	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	0%	19%	9%	0%	0%	0%	68%	5%	0%	0%	38	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	5%	5%	11%	0%	0%	0%	73%	6%	0%	0%	38	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/18/2020	0%	17%	0%	0%	0%	0%	77%	0%	6%	0%	38	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	0%	8%	0%	0%	0%	81%	0%	5%	0%	38	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2019	17%	0%	28%	0%	0%	0%	55%	0%	0%	0%	38	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	5%	9%	0%	0%	0%	80%	5%	0%	0%	38	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/19/2019	11%	13%	18%	0%	0%	0%	54%	0%	5%	0%	38	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	7%	0%	10%	0%	0%	0%	70%	8%	5%	0%	37	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	43%	0%	0%	0%	0%	57%	0%	0%	0%	37	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/1/2021	8%	8%	6%	0%	0%	0%	72%	6%	0%	0%	37	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2018	13%	0%	12%	0%	0%	0%	69%	0%	6%	0%	37	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	0%	14%	19%	0%	0%	0%	54%	0%	12%	0%	37	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	7%	7%	13%	0%	0%	0%	65%	7%	0%	0%	37	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	31%	11%	0%	0%	0%	58%	0%	0%	0%	37	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	8%	0%	8%	0%	0%	0%	78%	0%	7%	0%	37	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	12%	9%	0%	0%	0%	80%	0%	0%	0%	37	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2019	0%	13%	0%	0%	0%	0%	80%	0%	7%	0%	37	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2020	10%	6%	14%	0%	0%	0%	64%	6%	0%	0%	37	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/12/2019	13%	0%	12%	0%	0%	0%	75%	0%	0%	0%	37	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	5%	13%	27%	0%	0%	0%	55%	0%	0%	0%	37	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	22%	27%	0%	0%	0%	45%	0%	5%	0%	37	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	7%	0%	13%	0%	0%	0%	80%	0%	0%	0%	37	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	0%	15%	10%	0%	0%	0%	65%	9%	0%	0%	37	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/15/2017	34%	0%	9%	0%	0%	0%	57%	0%	0%	0%	37	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2020	7%	14%	22%	0%	0%	0%	47%	4%	5%	0%	37	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	6%	11%	13%	0%	0%	0%	63%	0%	6%	0%	37	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	7%	10%	16%	0%	0%	0%	53%	9%	5%	0%	37	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	27%	0%	0%	0%	0%	0%	73%	0%	0%	0%	37	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/18/2020	10%	11%	20%	0%	0%	0%	51%	9%	0%	0%	37	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/3/2019	18%	0%	0%	0%	0%	0%	82%	0%	0%	0%	37	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	13%	13%	0%	0%	0%	73%	0%	0%	0%	37	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	43%	0%	0%	0%	0%	57%	0%	0%	0%	37	37

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	32%	14%	0%	0%	0%	53%	0%	0%	0%	37	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	19%	24%	0%	0%	0%	44%	6%	7%	0%	37	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	0%	10%	14%	0%	0%	0%	71%	5%	0%	0%	37	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	37	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/13/2017	19%	15%	17%	0%	0%	0%	49%	0%	0%	0%	37	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	0%	13%	26%	0%	0%	0%	56%	0%	5%	0%	37	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	7%	6%	0%	0%	0%	80%	7%	0%	0%	37	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	9%	8%	13%	0%	0%	0%	60%	10%	0%	0%	36	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	6%	7%	10%	0%	0%	0%	65%	7%	6%	0%	36	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	16%	11%	0%	0%	0%	65%	8%	0%	0%	36	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	5%	15%	17%	0%	0%	0%	50%	0%	13%	0%	36	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	0%	12%	14%	0%	0%	0%	58%	0%	15%	0%	36	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	20%	8%	0%	0%	0%	60%	6%	6%	0%	36	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	9%	14%	9%	0%	0%	0%	61%	0%	7%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	13%	22%	0%	0%	0%	58%	0%	6%	0%	36	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	15%	7%	26%	4%	0%	0%	35%	7%	6%	0%	36	62
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	10%	0%	12%	0%	0%	0%	68%	0%	9%	0%	36	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	17%	9%	0%	0%	0%	69%	5%	0%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	9%	15%	21%	0%	0%	0%	56%	0%	0%	0%	36	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	6%	8%	6%	0%	0%	0%	80%	0%	0%	0%	36	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2021	16%	8%	0%	0%	0%	0%	68%	8%	0%	0%	36	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2021	8%	15%	25%	0%	0%	0%	46%	6%	0%	0%	36	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	0%	21%	7%	0%	0%	0%	71%	0%	0%	0%	36	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/3/2020	6%	0%	7%	0%	0%	0%	78%	9%	0%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	5%	13%	12%	0%	0%	0%	70%	0%	0%	0%	36	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	8%	19%	0%	0%	0%	67%	6%	0%	0%	36	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2020	19%	0%	16%	0%	0%	0%	56%	9%	0%	0%	36	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	7%	15%	11%	0%	0%	0%	67%	0%	0%	0%	36	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	0%	30%	5%	0%	0%	0%	54%	0%	11%	0%	36	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	21%	0%	0%	0%	0%	79%	0%	0%	0%	36	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	6%	0%	7%	0%	0%	0%	78%	0%	9%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/26/2019	11%	0%	22%	0%	0%	0%	67%	0%	0%	0%	36	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	9%	7%	8%	0%	0%	0%	69%	7%	0%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/5/2019	30%	0%	11%	0%	0%	0%	59%	0%	0%	0%	36	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/7/2020	0%	8%	9%	0%	0%	0%	76%	6%	0%	0%	36	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	36%	0%	0%	0%	0%	0%	64%	0%	0%	0%	36	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	21%	0%	11%	0%	0%	0%	68%	0%	0%	0%	36	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2020	0%	23%	10%	0%	0%	0%	57%	0%	11%	0%	35	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	14%	10%	0%	0%	0%	66%	0%	11%	0%	35	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	0%	18%	19%	0%	0%	0%	53%	0%	9%	0%	35	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	14%	15%	0%	0%	0%	71%	0%	0%	0%	35	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2020	0%	15%	19%	0%	0%	0%	62%	4%	0%	0%	35	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	13%	17%	0%	0%	0%	66%	5%	0%	0%	35	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/26/2021	0%	26%	0%	0%	0%	0%	66%	0%	7%	0%	35	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	0%	12%	0%	0%	0%	82%	7%	0%	0%	35	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	10%	0%	14%	0%	0%	0%	76%	0%	0%	0%	35	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/5/2021	8%	6%	10%	0%	0%	0%	70%	6%	0%	0%	35	41

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	5%	6%	32%	0%	0%	0%	48%	5%	4%	0%	35	60
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	0%	25%	10%	0%	0%	0%	48%	0%	17%	0%	35	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	7%	6%	28%	0%	0%	0%	54%	5%	0%	0%	34	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	9%	0%	0%	0%	85%	6%	0%	0%	34	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	35%	15%	0%	0%	0%	50%	0%	0%	0%	34	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	9%	13%	10%	0%	0%	0%	67%	0%	0%	0%	34	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	7%	8%	0%	0%	0%	84%	0%	0%	0%	34	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	10%	0%	0%	0%	0%	80%	10%	0%	0%	34	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	0%	24%	18%	0%	0%	0%	58%	0%	0%	0%	34	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2021	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	34	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2020	0%	15%	8%	0%	0%	0%	69%	0%	8%	0%	34	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	0%	16%	29%	0%	0%	0%	42%	0%	13%	0%	34	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	0%	24%	15%	0%	0%	0%	61%	0%	0%	0%	34	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	0%	50%	0%	0%	0%	0%	50%	0%	0%	0%	34	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2020	5%	8%	7%	0%	0%	0%	75%	5%	0%	0%	34	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2020	25%	0%	29%	0%	0%	0%	41%	5%	0%	0%	34	52
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	18%	24%	0%	0%	0%	44%	0%	14%	0%	34	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	38%	0%	0%	0%	0%	62%	0%	0%	0%	34	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2020	0%	15%	20%	0%	0%	0%	59%	0%	7%	0%	34	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	6%	6%	17%	0%	0%	0%	65%	5%	0%	0%	34	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	12%	13%	22%	0%	0%	0%	44%	0%	9%	0%	34	50
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2020	0%	18%	12%	0%	0%	0%	70%	0%	0%	0%	34	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	0%	11%	6%	0%	0%	0%	82%	0%	0%	0%	34	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	14%	14%	0%	0%	0%	0%	66%	0%	6%	0%	34	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	14%	24%	0%	0%	0%	62%	0%	0%	0%	34	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2019	0%	12%	9%	0%	0%	0%	71%	0%	8%	0%	34	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/23/2020	7%	13%	17%	0%	0%	0%	63%	0%	0%	0%	34	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2020	0%	0%	14%	0%	0%	0%	86%	0%	0%	0%	33	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	7%	5%	11%	0%	0%	0%	69%	7%	0%	0%	33	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	19%	7%	0%	0%	0%	69%	5%	0%	0%	33	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/9/2021	0%	9%	0%	0%	0%	0%	84%	7%	0%	0%	33	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2021	0%	13%	17%	0%	0%	0%	58%	4%	7%	0%	33	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	18%	27%	0%	0%	0%	49%	0%	6%	0%	33	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	9%	8%	29%	0%	0%	0%	44%	6%	4%	0%	33	55
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/14/2020	0%	13%	29%	0%	0%	0%	53%	4%	0%	0%	33	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/26/2021	0%	16%	18%	0%	0%	0%	62%	0%	5%	0%	33	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	6%	14%	10%	0%	0%	0%	64%	6%	0%	0%	33	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	32%	17%	0%	0%	0%	44%	7%	0%	0%	33	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	18%	22%	0%	0%	0%	60%	0%	0%	0%	33	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	8%	10%	18%	0%	0%	0%	59%	6%	0%	0%	33	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	33%	31%	0%	0%	0%	35%	0%	0%	0%	33	48
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	15%	39%	3%	0%	0%	38%	0%	5%	0%	33	64
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	25%	7%	0%	0%	0%	68%	0%	0%	0%	33	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	18%	0%	0%	0%	0%	82%	0%	0%	0%	33	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	36%	0%	0%	0%	0%	64%	0%	0%	0%	33	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	23%	5%	14%	0%	0%	0%	48%	11%	0%	0%	33	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/26/2021	0%	13%	21%	0%	0%	0%	67%	0%	0%	0%	33	42

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	0%	18%	13%	0%	0%	0%	58%	0%	11%	0%	33	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	0%	19%	0%	0%	0%	0%	72%	0%	8%	0%	33	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	0%	0%	22%	0%	0%	0%	71%	7%	0%	0%	32	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2020	0%	0%	6%	0%	0%	0%	88%	6%	0%	0%	32	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2020	0%	15%	10%	0%	0%	0%	68%	0%	7%	0%	32	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	0%	11%	0%	0%	0%	0%	83%	0%	6%	0%	32	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	8%	0%	0%	0%	0%	84%	8%	0%	0%	32	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	0%	24%	29%	0%	0%	0%	47%	0%	0%	0%	32	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	0%	26%	18%	0%	0%	0%	50%	0%	7%	0%	32	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	27%	25%	0%	0%	0%	39%	0%	9%	0%	32	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	0%	12%	15%	0%	0%	0%	64%	0%	9%	0%	32	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	9%	0%	14%	0%	0%	0%	77%	0%	0%	0%	32	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	6%	14%	11%	0%	0%	0%	59%	0%	10%	0%	32	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2020	0%	14%	10%	0%	0%	0%	68%	0%	7%	0%	32	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	7%	0%	29%	4%	0%	0%	48%	5%	6%	0%	32	58
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	27%	10%	0%	0%	0%	63%	0%	0%	0%	32	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	19%	17%	0%	0%	0%	59%	0%	5%	0%	32	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	0%	7%	8%	0%	0%	0%	79%	6%	0%	0%	32	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	32	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	38%	0%	0%	0%	0%	63%	0%	0%	0%	32	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	0%	16%	14%	0%	0%	0%	70%	0%	0%	0%	32	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2020	8%	12%	18%	0%	0%	0%	56%	7%	0%	0%	32	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	7%	0%	6%	0%	0%	0%	81%	7%	0%	0%	32	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	21%	7%	0%	0%	0%	72%	0%	0%	0%	32	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	0%	0%	0%	0%	49%	51%	0%	0%	32	65
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	41%	0%	0%	0%	0%	59%	0%	0%	0%	32	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	12%	0%	0%	0%	78%	0%	9%	0%	32	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2019	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	32	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	0%	17%	8%	0%	0%	0%	76%	0%	0%	0%	32	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	16%	7%	0%	0%	0%	66%	0%	10%	0%	31	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	15%	0%	0%	0%	79%	7%	0%	0%	31	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	12%	21%	8%	0%	0%	0%	60%	0%	0%	0%	31	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	11%	15%	20%	0%	0%	0%	46%	9%	0%	0%	31	44
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	17%	9%	0%	0%	0%	74%	0%	0%	0%	31	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2021	5%	12%	25%	0%	0%	0%	54%	5%	0%	0%	31	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	11%	13%	31%	4%	0%	0%	33%	0%	7%	0%	31	54
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	9%	15%	24%	0%	0%	0%	53%	0%	0%	0%	31	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/24/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	31	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2020	0%	16%	15%	0%	0%	0%	69%	0%	0%	0%	31	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	0%	29%	0%	0%	0%	0%	64%	0%	7%	0%	31	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	55%	0%	0%	0%	0%	45%	0%	0%	0%	31	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	9%	0%	15%	0%	0%	0%	68%	8%	0%	0%	31	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	32%	0%	0%	0%	0%	68%	0%	0%	0%	31	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	11%	21%	0%	0%	0%	61%	7%	0%	0%	31	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	22%	13%	0%	0%	0%	65%	0%	0%	0%	31	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/12/2020	0%	29%	27%	0%	0%	0%	40%	5%	0%	0%	31	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	6%	12%	13%	0%	0%	0%	70%	0%	0%	0%	31	36

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	31	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	7%	18%	0%	0%	0%	0%	75%	0%	0%	0%	31	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2017	18%	0%	12%	0%	0%	0%	70%	0%	0%	0%	31	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/30/2019	25%	0%	7%	0%	0%	0%	69%	0%	0%	0%	31	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/18/2019	14%	0%	7%	0%	0%	0%	79%	0%	0%	0%	31	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/3/2019	14%	0%	13%	0%	0%	0%	73%	0%	0%	0%	31	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	0%	12%	8%	0%	0%	0%	80%	0%	0%	0%	30	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	20%	0%	0%	0%	75%	0%	6%	0%	30	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	30%	35%	0%	0%	0%	35%	0%	0%	0%	30	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	0%	14%	14%	0%	0%	0%	65%	0%	7%	0%	30	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	12%	7%	0%	0%	0%	81%	0%	0%	0%	30	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	30	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	18%	20%	0%	0%	0%	57%	0%	5%	0%	30	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	5%	13%	24%	0%	0%	0%	48%	5%	6%	0%	30	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	17%	8%	21%	0%	0%	0%	44%	9%	0%	0%	30	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	7%	8%	0%	0%	0%	0%	78%	6%	0%	0%	30	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	0%	22%	9%	0%	0%	0%	63%	0%	6%	0%	30	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	15%	0%	0%	0%	71%	0%	8%	6%	30	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/11/2019	22%	0%	9%	0%	0%	0%	69%	0%	0%	0%	30	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	25%	8%	0%	0%	0%	67%	0%	0%	0%	30	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	6%	11%	22%	0%	0%	0%	56%	5%	0%	0%	30	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	15%	25%	0%	0%	0%	60%	0%	0%	0%	30	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	9%	11%	18%	0%	0%	0%	56%	6%	0%	0%	30	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	7%	0%	21%	0%	0%	0%	72%	0%	0%	0%	30	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	6%	9%	16%	0%	0%	0%	63%	6%	0%	0%	30	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	17%	24%	0%	0%	0%	59%	0%	0%	0%	30	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/30/2020	10%	0%	19%	0%	0%	0%	65%	6%	0%	0%	30	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	0%	11%	25%	0%	0%	0%	63%	0%	0%	0%	30	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	13%	11%	38%	6%	0%	0%	28%	0%	4%	0%	30	57
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	13%	22%	0%	0%	0%	65%	0%	0%	0%	30	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	0%	15%	23%	0%	0%	0%	62%	0%	0%	0%	30	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2021	0%	16%	13%	0%	0%	0%	57%	6%	9%	0%	30	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	18%	15%	0%	0%	0%	59%	0%	8%	0%	30	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	12%	0%	0%	0%	0%	81%	7%	0%	0%	29	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	21%	0%	0%	0%	0%	67%	0%	13%	0%	29	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	14%	0%	18%	0%	0%	0%	68%	0%	0%	0%	29	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/9/2020	0%	18%	11%	0%	0%	0%	71%	0%	0%	0%	29	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/8/2021	0%	11%	0%	0%	0%	0%	82%	7%	0%	0%	29	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	0%	22%	12%	0%	0%	0%	56%	0%	10%	0%	29	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	14%	21%	0%	0%	0%	66%	0%	0%	0%	29	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2020	0%	17%	10%	0%	0%	0%	73%	0%	0%	0%	29	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	7%	11%	28%	0%	0%	0%	43%	5%	7%	0%	29	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	44%	26%	0%	0%	0%	31%	0%	0%	0%	29	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	33%	0%	25%	0%	0%	0%	41%	0%	0%	0%	29	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	0%	19%	7%	0%	0%	0%	73%	0%	0%	0%	29	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	6%	9%	0%	0%	0%	78%	7%	0%	0%	29	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	10%	11%	0%	0%	0%	80%	0%	0%	0%	29	33

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/4/2020	7%	0%	16%	0%	0%	0%	63%	6%	8%	0%	29	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	8%	6%	19%	0%	0%	0%	59%	7%	0%	0%	29	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	16%	13%	0%	0%	0%	71%	0%	0%	0%	29	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	5%	8%	16%	0%	0%	0%	64%	7%	0%	0%	29	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	7%	0%	13%	0%	0%	0%	81%	0%	0%	0%	29	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	12%	0%	32%	0%	0%	0%	56%	0%	0%	0%	29	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2020	11%	9%	15%	0%	0%	0%	59%	6%	0%	0%	29	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2021	18%	8%	16%	0%	0%	0%	51%	7%	0%	0%	29	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	45%	0%	0%	0%	0%	55%	0%	0%	0%	29	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	7%	0%	7%	0%	0%	0%	67%	0%	18%	0%	29	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	0%	25%	12%	0%	0%	0%	63%	0%	0%	0%	29	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	72%	8%	20%	0%	29	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	10%	32%	0%	0%	0%	49%	0%	9%	0%	29	49
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/14/2020	0%	0%	20%	0%	0%	0%	73%	0%	6%	0%	29	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	0%	18%	0%	0%	0%	0%	74%	0%	8%	0%	29	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/6/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	29	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	16%	8%	7%	0%	0%	0%	61%	9%	0%	0%	28	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	18%	0%	28%	0%	0%	0%	54%	0%	0%	0%	28	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	0%	9%	15%	0%	0%	0%	76%	0%	0%	0%	28	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2020	11%	0%	11%	0%	0%	0%	69%	8%	0%	0%	28	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	19%	16%	0%	0%	0%	60%	0%	6%	0%	28	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	16%	0%	19%	0%	0%	0%	65%	0%	0%	0%	28	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	18%	0%	0%	0%	69%	0%	13%	0%	28	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2021	0%	17%	19%	0%	0%	0%	64%	0%	0%	0%	28	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	0%	17%	11%	0%	0%	0%	72%	0%	0%	0%	28	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	41%	23%	0%	0%	0%	36%	0%	0%	0%	28	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	11%	0%	0%	0%	78%	0%	10%	0%	28	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	0%	21%	10%	0%	0%	0%	62%	0%	7%	0%	28	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/7/2020	0%	8%	7%	0%	0%	0%	78%	7%	0%	0%	28	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	5%	13%	39%	5%	0%	0%	37%	0%	0%	0%	28	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	8%	0%	12%	0%	0%	0%	70%	9%	0%	0%	28	36
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2020	7%	9%	26%	0%	0%	0%	52%	6%	0%	0%	28	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2020	0%	9%	11%	0%	0%	0%	73%	0%	6%	0%	28	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	26%	19%	0%	0%	0%	48%	0%	7%	0%	28	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	7%	0%	23%	0%	0%	0%	63%	0%	7%	0%	27	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	44%	0%	0%	0%	0%	56%	0%	0%	0%	27	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	18%	9%	0%	0%	0%	67%	7%	0%	0%	27	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	8%	0%	14%	0%	0%	0%	77%	0%	0%	0%	27	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	27	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/2/2020	0%	18%	8%	0%	0%	0%	74%	0%	0%	0%	27	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	8%	16%	21%	0%	0%	0%	55%	0%	0%	0%	27	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	6%	13%	12%	0%	0%	0%	61%	8%	0%	0%	27	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/12/2019	19%	0%	10%	0%	0%	0%	70%	0%	0%	0%	27	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	0%	9%	11%	0%	0%	0%	81%	0%	0%	0%	27	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	15%	13%	0%	0%	0%	66%	0%	6%	0%	27	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	8%	13%	7%	0%	0%	0%	71%	0%	0%	0%	27	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/21/2020	0%	16%	41%	4%	0%	0%	39%	0%	0%	0%	27	49

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2021	7%	11%	16%	0%	0%	0%	60%	7%	0%	0%	27	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/5/2020	4%	0%	50%	7%	0%	0%	33%	3%	3%	0%	27	73
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2021	8%	8%	8%	0%	0%	0%	70%	7%	0%	0%	27	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	6%	9%	27%	0%	0%	0%	58%	0%	0%	0%	27	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	15%	22%	0%	0%	0%	57%	0%	6%	0%	27	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2019	0%	20%	41%	5%	3%	0%	25%	0%	6%	0%	27	59
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	16%	25%	0%	0%	0%	51%	8%	0%	0%	26	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/29/2020	0%	10%	20%	0%	0%	0%	69%	0%	0%	0%	26	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2019	33%	0%	13%	0%	0%	0%	54%	0%	0%	0%	26	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	10%	6%	24%	0%	0%	0%	52%	7%	0%	0%	26	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	0%	18%	16%	0%	0%	0%	66%	0%	0%	0%	26	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	0%	18%	11%	0%	0%	0%	70%	0%	0%	0%	26	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2021	0%	24%	17%	0%	0%	0%	59%	0%	0%	0%	26	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	14%	8%	0%	0%	0%	77%	0%	0%	0%	26	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	11%	0%	0%	0%	0%	81%	0%	8%	0%	26	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	6%	0%	16%	0%	0%	0%	72%	6%	0%	0%	26	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	35%	0%	0%	0%	0%	65%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	0%	20%	24%	0%	0%	0%	47%	0%	9%	0%	26	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/16/2020	0%	27%	0%	0%	0%	0%	73%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	0%	18%	8%	0%	0%	0%	60%	0%	14%	0%	26	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/4/2020	7%	0%	26%	0%	0%	0%	54%	5%	8%	0%	26	43
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2021	7%	10%	26%	0%	0%	0%	52%	5%	0%	0%	26	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/25/2020	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	11%	13%	0%	0%	0%	77%	0%	0%	0%	26	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	11%	0%	8%	0%	0%	0%	80%	0%	0%	0%	26	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	46%	0%	0%	0%	0%	54%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/22/2019	18%	0%	0%	0%	0%	0%	82%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	16%	0%	0%	0%	0%	84%	0%	0%	0%	26	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2021	6%	15%	16%	0%	0%	0%	57%	6%	0%	0%	26	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	26	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	0%	39%	7%	0%	0%	0%	53%	0%	0%	0%	26	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2020	7%	0%	19%	0%	0%	0%	69%	6%	0%	0%	25	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	0%	12%	0%	0%	0%	0%	81%	0%	7%	0%	25	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/9/2021	11%	13%	8%	0%	0%	0%	60%	0%	9%	0%	25	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	7%	38%	4%	0%	0%	40%	4%	7%	0%	25	53
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	15%	10%	0%	0%	0%	76%	0%	0%	0%	25	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	0%	12%	0%	0%	0%	72%	0%	16%	0%	25	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	12%	7%	12%	0%	0%	0%	62%	7%	0%	0%	25	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	0%	13%	12%	0%	0%	0%	76%	0%	0%	0%	25	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	33%	25%	0%	0%	0%	42%	0%	0%	0%	25	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	17%	16%	0%	0%	0%	54%	6%	8%	0%	25	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	7%	0%	13%	0%	0%	0%	80%	0%	0%	0%	25	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/23/2021	0%	11%	16%	0%	0%	0%	73%	0%	0%	0%	25	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/4/2020	6%	18%	25%	0%	0%	0%	43%	0%	8%	0%	25	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2020	8%	0%	12%	0%	0%	0%	79%	0%	0%	0%	25	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2020	0%	21%	18%	0%	0%	0%	52%	0%	9%	0%	25	35

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	9%	9%	31%	0%	0%	0%	38%	6%	7%	0%	25	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	0%	16%	0%	0%	0%	78%	6%	0%	0%	25	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	0%	10%	27%	0%	0%	0%	57%	5%	0%	0%	25	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	65%	0%	0%	0%	0%	0%	35%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/2/2018	25%	0%	0%	0%	0%	0%	75%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	13%	15%	0%	0%	0%	73%	0%	0%	0%	25	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	11%	18%	0%	0%	0%	63%	0%	8%	0%	25	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/22/2019	10%	0%	17%	0%	0%	0%	73%	0%	0%	0%	25	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/27/2020	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	0%	26%	0%	0%	0%	0%	65%	0%	9%	0%	25	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	0%	23%	15%	0%	0%	0%	63%	0%	0%	0%	25	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/5/2019	0%	18%	16%	0%	0%	0%	58%	0%	8%	0%	25	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	25	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	0%	12%	9%	0%	0%	0%	79%	0%	0%	0%	24	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2019	0%	29%	13%	0%	0%	0%	47%	0%	10%	0%	24	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	13%	12%	0%	0%	0%	75%	0%	0%	0%	24	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	10%	0%	29%	0%	0%	0%	53%	0%	9%	0%	24	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	0%	12%	29%	0%	0%	0%	58%	0%	0%	0%	24	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/29/2020	0%	25%	11%	0%	0%	0%	64%	0%	0%	0%	24	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	12%	43%	0%	0%	0%	38%	0%	7%	0%	24	47
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2021	0%	21%	0%	0%	0%	0%	79%	0%	0%	0%	24	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	9%	9%	0%	0%	0%	70%	0%	11%	0%	24	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	24	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	21%	36%	6%	0%	0%	36%	0%	0%	0%	24	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	8%	10%	21%	0%	0%	0%	54%	6%	0%	0%	24	33
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/13/2021	7%	16%	31%	0%	0%	0%	45%	0%	0%	0%	24	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	6%	12%	26%	0%	0%	0%	56%	0%	0%	0%	24	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	0%	28%	0%	0%	0%	0%	72%	0%	0%	0%	24	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	24	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	6%	7%	32%	0%	0%	0%	50%	6%	0%	0%	24	38
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2021	8%	12%	19%	0%	0%	0%	53%	7%	0%	0%	24	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	8%	0%	11%	0%	0%	0%	75%	7%	0%	0%	24	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	0%	18%	11%	0%	0%	0%	57%	0%	14%	0%	24	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	0%	16%	10%	0%	0%	0%	74%	0%	0%	0%	24	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	41%	17%	0%	0%	0%	41%	0%	0%	0%	24	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	12%	11%	0%	0%	0%	77%	0%	0%	0%	24	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/9/2020	0%	10%	28%	0%	0%	0%	63%	0%	0%	0%	24	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	43%	0%	0%	0%	57%	0%	0%	0%	24	42
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	0%	18%	0%	0%	0%	0%	82%	0%	0%	0%	24	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2021	0%	14%	9%	0%	0%	0%	78%	0%	0%	0%	24	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	24	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	32%	26%	0%	0%	0%	42%	0%	0%	0%	23	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/21/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	23	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	12%	0%	0%	0%	78%	0%	11%	0%	23	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	0%	16%	9%	0%	0%	0%	75%	0%	0%	0%	23	25

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/25/2019	0%	18%	10%	0%	0%	0%	64%	0%	8%	0%	23	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	37%	0%	8%	0%	0%	0%	55%	0%	0%	0%	23	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	15%	34%	41%	0%	0%	0%	10%	0%	0%	0%	23	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/22/2021	11%	0%	0%	0%	0%	0%	81%	8%	0%	0%	23	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	23	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	23	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	0%	21%	44%	0%	0%	0%	34%	0%	0%	0%	23	41
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/11/2021	14%	11%	0%	0%	0%	0%	75%	0%	0%	0%	23	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/8/2021	0%	22%	26%	0%	0%	0%	52%	0%	0%	0%	23	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	0%	15%	11%	0%	0%	0%	73%	0%	0%	0%	23	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2020	0%	16%	33%	6%	0%	0%	46%	0%	0%	0%	23	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	6%	12%	25%	0%	0%	0%	50%	6%	0%	0%	23	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	8%	8%	0%	0%	0%	76%	9%	0%	0%	23	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2019	0%	24%	19%	0%	0%	0%	57%	0%	0%	0%	23	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/10/2020	0%	52%	0%	0%	0%	0%	48%	0%	0%	0%	23	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/27/2021	16%	7%	14%	0%	0%	0%	54%	9%	0%	0%	23	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	0%	14%	19%	0%	0%	0%	67%	0%	0%	0%	23	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2020	0%	24%	10%	0%	0%	0%	66%	0%	0%	0%	23	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	0%	13%	26%	0%	0%	0%	62%	0%	0%	0%	23	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	15%	0%	19%	0%	0%	0%	56%	11%	0%	0%	23	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	10%	17%	0%	0%	0%	74%	0%	0%	0%	23	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	9%	10%	16%	0%	0%	0%	65%	0%	0%	0%	23	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2020	15%	0%	19%	0%	0%	0%	58%	8%	0%	0%	23	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/1/2018	27%	0%	0%	0%	0%	0%	73%	0%	0%	0%	23	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	10%	0%	30%	0%	0%	0%	48%	6%	5%	0%	23	39
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	12%	0%	26%	0%	0%	0%	53%	0%	8%	0%	22	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2020	15%	10%	18%	0%	0%	0%	57%	0%	0%	0%	22	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/16/2019	0%	21%	10%	0%	0%	0%	69%	0%	0%	0%	22	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/6/2020	0%	19%	31%	0%	0%	0%	50%	0%	0%	0%	22	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/14/2020	0%	0%	21%	0%	0%	0%	72%	0%	7%	0%	22	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/24/2020	0%	8%	8%	0%	0%	0%	76%	8%	0%	0%	22	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	0%	19%	19%	0%	0%	0%	48%	0%	14%	0%	22	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	0%	20%	13%	0%	0%	0%	53%	0%	14%	0%	22	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	7%	15%	21%	0%	0%	0%	56%	0%	0%	0%	22	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/11/2021	9%	16%	31%	0%	0%	0%	44%	0%	0%	0%	22	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	7%	11%	31%	0%	0%	0%	51%	0%	0%	0%	22	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	9%	10%	21%	0%	0%	0%	60%	0%	0%	0%	22	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	12%	14%	0%	0%	0%	74%	0%	0%	0%	22	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	46%	16%	0%	0%	0%	38%	0%	0%	0%	22	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2021	7%	9%	17%	0%	0%	0%	67%	0%	0%	0%	22	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	11%	0%	13%	0%	0%	0%	76%	0%	0%	0%	22	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	41%	24%	0%	0%	0%	34%	0%	0%	0%	22	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	44%	20%	0%	0%	0%	36%	0%	0%	0%	22	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	0%	9%	22%	0%	0%	0%	68%	0%	0%	0%	22	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	42%	17%	0%	0%	0%	42%	0%	0%	0%	22	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	22	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	0%	21%	17%	0%	0%	0%	54%	0%	8%	0%	22	30

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	18%	20%	0%	0%	0%	52%	0%	10%	0%	22	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	13%	16%	0%	0%	0%	71%	0%	0%	0%	21	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	8%	13%	11%	0%	0%	0%	68%	0%	0%	0%	21	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/10/2020	0%	20%	15%	0%	0%	0%	65%	0%	0%	0%	21	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	0%	22%	15%	0%	0%	0%	55%	0%	8%	0%	21	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	12%	10%	0%	0%	0%	78%	0%	0%	0%	21	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	21	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	0%	17%	15%	0%	0%	0%	68%	0%	0%	0%	21	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	12%	9%	0%	0%	0%	80%	0%	0%	0%	21	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/25/2020	12%	0%	10%	0%	0%	0%	78%	0%	0%	0%	21	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	17%	32%	0%	0%	0%	40%	0%	10%	0%	21	37
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/17/2020	0%	24%	0%	0%	0%	0%	65%	0%	12%	0%	21	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/1/2021	0%	14%	0%	0%	0%	0%	77%	9%	0%	0%	21	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	17%	22%	0%	0%	0%	61%	0%	0%	0%	21	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	14%	0%	16%	0%	0%	0%	61%	8%	0%	0%	21	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	13%	0%	20%	0%	0%	0%	60%	7%	0%	0%	21	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	12%	43%	0%	0%	0%	40%	6%	0%	0%	21	40
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	59%	0%	0%	0%	0%	41%	0%	0%	0%	21	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/8/2021	11%	11%	24%	0%	0%	0%	53%	0%	0%	0%	21	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	46%	18%	0%	0%	0%	36%	0%	0%	0%	21	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/9/2020	0%	56%	0%	0%	0%	0%	44%	0%	0%	0%	21	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	12%	0%	16%	0%	0%	0%	65%	8%	0%	0%	21	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	32%	0%	0%	0%	0%	0%	68%	0%	0%	0%	21	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	0%	9%	0%	0%	0%	0%	34%	53%	5%	0%	21	51
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/25/2021	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	21	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	10%	8%	14%	0%	0%	0%	60%	8%	0%	0%	21	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2019	13%	0%	31%	0%	0%	0%	55%	0%	0%	0%	21	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2021	0%	10%	16%	0%	0%	0%	58%	0%	16%	0%	20	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	20	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/10/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	20	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/9/2020	0%	16%	14%	0%	0%	0%	62%	0%	8%	0%	20	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	20	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/23/2018	36%	0%	0%	0%	0%	0%	64%	0%	0%	0%	20	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	0%	24%	18%	0%	0%	0%	59%	0%	0%	0%	20	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2020	0%	28%	0%	0%	0%	0%	72%	0%	0%	0%	20	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	7%	0%	42%	0%	0%	0%	37%	0%	14%	0%	20	46
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/11/2020	0%	55%	0%	0%	0%	0%	45%	0%	0%	0%	20	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	16%	9%	13%	0%	0%	0%	62%	0%	0%	0%	20	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	26%	0%	0%	0%	0%	74%	0%	0%	0%	20	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	0%	11%	27%	0%	0%	0%	62%	0%	0%	0%	20	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	13%	16%	0%	0%	0%	71%	0%	0%	0%	20	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	22%	14%	0%	0%	0%	64%	0%	0%	0%	20	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	8%	13%	26%	0%	0%	0%	53%	0%	0%	0%	20	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	16%	24%	0%	0%	0%	47%	7%	6%	0%	20	32
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	0%	14%	26%	0%	0%	0%	54%	0%	7%	0%	20	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	20	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	20	24

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	15%	28%	0%	0%	0%	56%	0%	0%	0%	20	29
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2021	0%	15%	25%	0%	0%	0%	60%	0%	0%	0%	20	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	36%	10%	0%	0%	0%	54%	0%	0%	0%	20	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	11%	10%	18%	0%	0%	0%	52%	9%	0%	0%	20	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	15%	16%	0%	0%	0%	60%	0%	8%	0%	20	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	8%	14%	23%	0%	0%	0%	55%	0%	0%	0%	20	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	20	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	0%	11%	28%	0%	0%	0%	61%	0%	0%	0%	20	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/22/2020	0%	60%	0%	0%	0%	0%	40%	0%	0%	0%	20	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	20%	23%	0%	0%	0%	58%	0%	0%	0%	20	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	35%	0%	0%	0%	58%	7%	0%	0%	20	35
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2020	17%	0%	19%	0%	0%	0%	64%	0%	0%	0%	20	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	0%	0%	18%	0%	0%	0%	82%	0%	0%	0%	20	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	15%	0%	15%	0%	0%	0%	70%	0%	0%	0%	19	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2019	17%	0%	10%	0%	0%	0%	72%	0%	0%	0%	19	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	0%	18%	10%	0%	0%	0%	63%	0%	9%	0%	19	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	19	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	27%	26%	0%	0%	0%	48%	0%	0%	0%	19	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	19%	0%	13%	0%	0%	0%	68%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2019	0%	0%	16%	0%	0%	0%	72%	0%	12%	0%	19	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2020	0%	0%	22%	0%	0%	0%	70%	0%	8%	0%	19	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	9%	0%	22%	0%	0%	0%	69%	0%	0%	0%	19	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/22/2020	21%	0%	0%	0%	0%	0%	79%	0%	0%	0%	19	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2020	9%	0%	14%	0%	0%	0%	77%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	0%	12%	15%	0%	0%	0%	73%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/8/2021	0%	15%	39%	0%	0%	0%	46%	0%	0%	0%	19	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	0%	10%	20%	0%	0%	0%	70%	0%	0%	0%	19	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	14%	17%	0%	0%	0%	70%	0%	0%	0%	19	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	0%	21%	0%	0%	0%	0%	79%	0%	0%	0%	19	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	10%	0%	23%	0%	0%	0%	59%	8%	0%	0%	19	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/17/2020	24%	0%	31%	0%	0%	0%	44%	0%	0%	0%	19	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	0%	17%	13%	0%	0%	0%	70%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	10%	14%	23%	0%	0%	0%	53%	0%	0%	0%	19	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	16%	18%	0%	0%	0%	67%	0%	0%	0%	19	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	27%	0%	0%	0%	0%	73%	0%	0%	0%	19	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	14%	12%	0%	0%	0%	73%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	11%	0%	17%	0%	0%	0%	72%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	19	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	21%	0%	0%	0%	64%	0%	15%	0%	19	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2018	22%	0%	14%	0%	0%	0%	64%	0%	0%	0%	19	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	12%	0%	19%	0%	0%	0%	69%	0%	0%	0%	18	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	0%	20%	18%	0%	0%	0%	62%	0%	0%	0%	18	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	18	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	18%	12%	0%	0%	0%	70%	0%	0%	0%	18	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	17%	0%	0%	0%	0%	83%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	0%	26%	22%	0%	0%	0%	52%	0%	0%	0%	18	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2021	0%	19%	40%	0%	0%	0%	40%	0%	0%	0%	18	30

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2021	0%	27%	0%	0%	0%	0%	73%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	29%	17%	0%	0%	0%	55%	0%	0%	0%	18	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	16%	0%	0%	0%	75%	0%	9%	0%	18	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	40%	11%	0%	0%	0%	0%	48%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	16%	0%	0%	0%	76%	0%	9%	0%	18	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	14%	14%	0%	0%	0%	71%	0%	0%	0%	18	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	16%	12%	0%	0%	0%	72%	0%	0%	0%	18	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	0%	20%	27%	0%	0%	0%	54%	0%	0%	0%	18	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	0%	0%	30%	0%	0%	0%	70%	0%	0%	0%	18	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2020	10%	0%	24%	0%	0%	0%	67%	0%	0%	0%	18	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	0%	30%	0%	0%	0%	70%	0%	0%	0%	18	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	0%	55%	0%	0%	0%	0%	45%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	88%	0%	0%	0%	0%	0%	12%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	0%	14%	26%	0%	0%	0%	61%	0%	0%	0%	18	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	14%	36%	0%	0%	0%	50%	0%	0%	0%	18	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/6/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	18	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	19%	34%	0%	0%	0%	47%	0%	0%	0%	18	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2019	0%	0%	33%	0%	0%	0%	67%	0%	0%	0%	18	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	7%	12%	33%	0%	0%	0%	47%	0%	0%	0%	18	28
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	18	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	0%	13%	12%	0%	0%	0%	76%	0%	0%	0%	18	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2019	22%	0%	0%	0%	0%	0%	78%	0%	0%	0%	18	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/7/2020	0%	0%	33%	0%	0%	0%	67%	0%	0%	0%	17	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	11%	15%	12%	0%	0%	0%	62%	0%	0%	0%	17	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	0%	36%	0%	0%	0%	0%	64%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/25/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2019	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	17	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	0%	28%	0%	0%	0%	0%	72%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	21%	29%	0%	0%	0%	41%	0%	8%	0%	17	27
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2017	30%	0%	0%	0%	0%	0%	70%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	0%	10%	24%	0%	0%	0%	66%	0%	0%	0%	17	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/10/2020	14%	0%	27%	0%	0%	0%	59%	0%	0%	0%	17	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/28/2020	0%	21%	0%	0%	0%	0%	79%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	17	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/11/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	22%	0%	0%	0%	0%	0%	78%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	38%	7%	0%	0%	54%	0%	0%	0%	17	31
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	17%	0%	0%	0%	0%	0%	83%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	17	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2021	10%	11%	16%	0%	0%	0%	63%	0%	0%	0%	17	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	12%	30%	0%	0%	0%	58%	0%	0%	0%	17	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	0%	14%	26%	0%	0%	0%	60%	0%	0%	0%	17	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	17%	22%	0%	0%	0%	61%	0%	0%	0%	17	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/17/2020	0%	17%	29%	0%	0%	0%	54%	0%	0%	0%	17	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	0%	13%	21%	0%	0%	0%	65%	0%	0%	0%	17	22

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/24/2020	18%	0%	17%	0%	0%	0%	54%	11%	0%	0%	17	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/21/2020	10%	10%	12%	0%	0%	0%	59%	9%	0%	0%	17	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2021	0%	11%	15%	0%	0%	0%	74%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	0%	17%	36%	7%	0%	0%	40%	0%	0%	0%	17	30
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/8/2020	0%	65%	0%	0%	0%	0%	35%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/30/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	0%	14%	16%	0%	0%	0%	71%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	17	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	21%	16%	0%	0%	0%	63%	0%	0%	0%	17	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/4/2019	0%	0%	19%	0%	0%	0%	70%	0%	11%	0%	17	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2021	0%	36%	14%	0%	0%	0%	51%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/1/2019	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	17	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/5/2021	0%	16%	0%	0%	0%	0%	84%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/15/2021	12%	15%	0%	0%	0%	0%	73%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2020	0%	16%	11%	0%	0%	0%	73%	0%	0%	0%	16	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/18/2019	0%	0%	13%	0%	0%	0%	76%	0%	11%	0%	16	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	29%	29%	0%	0%	0%	42%	0%	0%	0%	16	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	0%	16%	14%	0%	0%	0%	71%	0%	0%	0%	16	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2021	0%	20%	12%	0%	0%	0%	68%	0%	0%	0%	16	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	38%	0%	0%	0%	0%	62%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	16	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/3/2021	0%	26%	18%	0%	0%	0%	56%	0%	0%	0%	16	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/19/2020	21%	10%	19%	0%	0%	0%	50%	0%	0%	0%	16	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	26%	11%	0%	0%	0%	63%	0%	0%	0%	16	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	16	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	0%	11%	16%	0%	0%	0%	73%	0%	0%	0%	16	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	16	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	12%	37%	0%	0%	0%	51%	0%	0%	0%	16	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	0%	19%	39%	0%	0%	0%	43%	0%	0%	0%	16	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	14%	31%	0%	0%	0%	55%	0%	0%	0%	16	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	11%	16%	0%	0%	0%	73%	0%	0%	0%	16	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/14/2020	0%	16%	0%	0%	0%	0%	84%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	18%	11%	0%	0%	0%	71%	0%	0%	0%	16	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	16	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	10%	17%	0%	0%	0%	73%	0%	0%	0%	16	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/7/2021	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	10%	11%	26%	0%	0%	0%	52%	0%	0%	0%	16	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/29/2017	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	0%	10%	25%	0%	0%	0%	65%	0%	0%	0%	16	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2019	0%	21%	19%	0%	0%	0%	43%	0%	17%	0%	16	26
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/1/2021	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	16	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2019	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	16	25
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	15	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/16/2021	0%	24%	12%	0%	0%	0%	64%	0%	0%	0%	15	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/11/2020	0%	18%	0%	0%	0%	0%	82%	0%	0%	0%	15	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2020	0%	19%	31%	0%	0%	0%	40%	0%	10%	0%	15	25

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	0%	25%	0%	0%	0%	0%	75%	0%	0%	0%	15	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	12%	0%	14%	0%	0%	0%	74%	0%	0%	0%	15	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	15	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2020	27%	0%	0%	0%	0%	0%	73%	0%	0%	0%	15	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2021	0%	16%	26%	0%	0%	0%	58%	0%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/20/2020	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	15	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	15	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	0%	28%	14%	0%	0%	0%	59%	0%	0%	0%	15	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	0%	14%	22%	0%	0%	0%	64%	0%	0%	0%	15	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/12/2021	0%	12%	16%	0%	0%	0%	72%	0%	0%	0%	15	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	0%	11%	37%	0%	0%	0%	52%	0%	0%	0%	15	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/2/2020	15%	0%	19%	0%	0%	0%	57%	10%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	17%	47%	8%	0%	0%	28%	0%	0%	0%	15	34
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	25%	0%	0%	0%	75%	0%	0%	0%	15	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2020	0%	13%	32%	0%	0%	0%	55%	0%	0%	0%	15	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2021	0%	18%	28%	0%	0%	0%	53%	0%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/20/2020	0%	12%	12%	0%	0%	0%	76%	0%	0%	0%	15	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/18/2020	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	19%	29%	0%	0%	0%	52%	0%	0%	0%	15	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/10/2020	0%	14%	22%	0%	0%	0%	64%	0%	0%	0%	15	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	25%	0%	0%	0%	0%	75%	0%	0%	0%	15	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/17/2019	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	15	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	0%	0%	14%	0%	0%	0%	86%	0%	0%	0%	15	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/4/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	0%	21%	0%	0%	0%	0%	79%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	0%	17%	0%	0%	0%	0%	83%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/11/2019	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/5/2021	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/17/2020	0%	16%	23%	0%	0%	0%	61%	0%	0%	0%	14	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/10/2020	0%	16%	0%	0%	0%	0%	84%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	26%	11%	0%	0%	63%	0%	0%	0%	14	22
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	0%	8%	27%	14%	0%	0%	51%	0%	0%	0%	14	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/11/2021	12%	13%	19%	11%	0%	0%	46%	0%	0%	0%	14	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2021	12%	0%	24%	0%	0%	0%	65%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	0%	23%	27%	0%	0%	0%	50%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	24%	0%	16%	0%	0%	0%	60%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	12%	16%	0%	0%	0%	72%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	14%	17%	0%	0%	0%	69%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2020	0%	16%	14%	0%	0%	0%	70%	0%	0%	0%	14	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	14	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	0%	12%	26%	0%	0%	0%	62%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/24/2020	0%	0%	27%	0%	0%	0%	73%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	12%	0%	17%	0%	0%	0%	71%	0%	0%	0%	14	17

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	23%	42%	0%	0%	0%	35%	0%	0%	0%	14	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	0%	12%	28%	0%	0%	0%	60%	0%	0%	0%	14	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/9/2020	0%	15%	26%	0%	0%	0%	58%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/20/2021	0%	13%	15%	0%	0%	0%	72%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	14	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	13%	0%	18%	0%	0%	0%	69%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	0%	23%	20%	0%	0%	0%	58%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	0%	20%	30%	0%	0%	0%	50%	0%	0%	0%	14	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/13/2020	0%	26%	0%	0%	0%	0%	74%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	14	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	25%	0%	0%	0%	75%	0%	0%	0%	14	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/3/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/7/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	14	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	0%	15%	18%	0%	0%	0%	67%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	0%	21%	22%	0%	0%	0%	57%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	18%	10%	60%	7%	0%	0%	0%	0%	4%	0%	13	45
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/24/2020	0%	29%	21%	0%	0%	0%	50%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	0%	0%	13%	0%	0%	0%	72%	0%	14%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	25%	22%	0%	0%	0%	53%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	0%	15%	34%	0%	0%	0%	51%	0%	0%	0%	13	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	27%	0%	0%	0%	0%	73%	0%	0%	0%	13	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	14%	0%	0%	0%	86%	0%	0%	0%	13	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2021	0%	25%	16%	0%	0%	0%	59%	0%	0%	0%	13	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/15/2019	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2020	0%	13%	18%	0%	0%	0%	69%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2020	0%	26%	20%	0%	0%	0%	54%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/9/2020	0%	0%	24%	0%	0%	0%	76%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	9%	37%	0%	0%	0%	46%	0%	8%	0%	13	24
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	29%	0%	0%	0%	0%	71%	0%	0%	0%	13	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	13	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	0%	0%	14%	0%	0%	0%	86%	0%	0%	0%	13	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	0%	20%	35%	0%	0%	0%	45%	0%	0%	0%	13	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	0%	0%	14%	0%	0%	0%	86%	0%	0%	0%	13	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/11/2021	0%	22%	26%	0%	0%	0%	53%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	23%	0%	20%	0%	0%	0%	56%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2020	0%	23%	27%	0%	0%	0%	50%	0%	0%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	13%	18%	0%	0%	0%	69%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	21%	22%	0%	0%	0%	57%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/28/2020	0%	14%	23%	0%	0%	0%	63%	0%	0%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	39%	26%	0%	0%	0%	35%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/17/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	17%	27%	0%	0%	0%	56%	0%	0%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2021	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	13	16

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/3/2020	0%	34%	16%	0%	0%	0%	50%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	0%	0%	24%	0%	0%	0%	76%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/27/2019	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	13	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2017	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	13	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	15%	0%	0%	0%	71%	0%	14%	0%	13	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/25/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/23/2019	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	12	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	12	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2020	0%	17%	0%	0%	0%	0%	83%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/25/2021	0%	17%	24%	0%	0%	0%	59%	0%	0%	0%	12	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	0%	25%	29%	0%	0%	0%	46%	0%	0%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	31%	13%	0%	0%	0%	41%	0%	15%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	12	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	19%	0%	0%	0%	0%	0%	66%	15%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2020	0%	19%	17%	0%	0%	0%	64%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	0%	16%	16%	0%	0%	0%	68%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	20%	0%	20%	0%	0%	0%	61%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	0%	35%	0%	0%	0%	0%	65%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/9/2020	0%	15%	28%	0%	0%	0%	57%	0%	0%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	0%	19%	37%	0%	0%	0%	44%	0%	0%	0%	12	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	12	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2021	0%	14%	21%	0%	0%	0%	65%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2020	0%	14%	23%	0%	0%	0%	63%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	16%	21%	0%	0%	0%	63%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	14%	22%	0%	0%	0%	64%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	0%	15%	21%	0%	0%	0%	64%	0%	0%	0%	12	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/27/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	12	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	38%	0%	0%	0%	62%	0%	0%	0%	12	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/22/2021	0%	17%	21%	0%	0%	0%	62%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/26/2021	0%	13%	25%	0%	0%	0%	62%	0%	0%	0%	12	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	13%	28%	0%	0%	0%	60%	0%	0%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	0%	16%	43%	0%	0%	0%	41%	0%	0%	0%	12	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	17%	22%	0%	0%	0%	61%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	15%	21%	0%	0%	0%	64%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	12	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/4/2021	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/12/2020	0%	18%	21%	0%	0%	0%	62%	0%	0%	0%	12	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	32%	0%	0%	0%	68%	0%	0%	0%	12	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/4/2020	0%	14%	15%	0%	0%	0%	71%	0%	0%	0%	12	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/8/2020	0%	60%	0%	0%	0%	0%	40%	0%	0%	0%	12	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2017	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	11	13

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	11	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2019	0%	0%	13%	0%	0%	0%	69%	0%	18%	0%	11	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	17%	22%	0%	0%	0%	61%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	23%	0%	0%	0%	77%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	0%	21%	18%	0%	0%	0%	61%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	25%	0%	0%	0%	0%	75%	0%	0%	0%	11	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	60%	0%	0%	0%	0%	40%	0%	0%	0%	11	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	23%	0%	0%	0%	77%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	0%	15%	19%	0%	0%	0%	66%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	0%	18%	22%	0%	0%	0%	60%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	19%	17%	0%	0%	0%	65%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	15%	24%	0%	0%	0%	61%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	16%	23%	0%	0%	0%	61%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	14%	37%	0%	0%	0%	49%	0%	0%	0%	11	18
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/27/2020	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	11	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2021	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	0%	18%	23%	0%	0%	0%	59%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/27/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	15%	0%	0%	0%	85%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	0%	18%	20%	0%	0%	0%	62%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2021	0%	17%	22%	0%	0%	0%	61%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	47%	0%	0%	0%	53%	0%	0%	0%	11	21
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	15%	30%	0%	0%	0%	55%	0%	0%	0%	11	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/23/2020	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	11	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	13%	45%	0%	0%	0%	42%	0%	0%	0%	11	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/1/2020	0%	17%	18%	0%	0%	0%	66%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	25%	0%	0%	0%	75%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/12/2021	0%	64%	0%	0%	0%	0%	36%	0%	0%	0%	11	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	11	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/14/2019	0%	0%	16%	0%	0%	0%	84%	0%	0%	0%	11	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	11	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	10	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/6/2020	0%	0%	17%	0%	0%	0%	83%	0%	0%	0%	10	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/16/2020	0%	0%	47%	0%	0%	0%	43%	0%	10%	0%	10	23
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	10	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	10	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	10	10

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	0%	25%	0%	0%	0%	75%	0%	0%	0%	10	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/2/2021	0%	19%	34%	0%	0%	0%	47%	0%	0%	0%	10	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/11/2020	0%	0%	48%	0%	0%	0%	52%	0%	0%	0%	10	19
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/15/2021	0%	0%	33%	0%	0%	0%	67%	0%	0%	0%	10	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/7/2020	0%	37%	17%	0%	0%	0%	46%	0%	0%	0%	10	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/5/2020	0%	22%	0%	0%	0%	0%	78%	0%	0%	0%	10	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	0%	21%	29%	0%	0%	0%	50%	0%	0%	0%	10	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	10	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	75%	0%	25%	0%	10	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2021	0%	52%	0%	0%	0%	0%	48%	0%	0%	0%	10	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/26/2021	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	9.9	9.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/29/2020	0%	23%	0%	0%	0%	0%	77%	0%	0%	0%	9.9	9.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	0%	29%	18%	0%	0%	0%	53%	0%	0%	0%	9.9	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/21/2020	0%	14%	36%	0%	0%	0%	51%	0%	0%	0%	9.9	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	20%	0%	0%	0%	0%	80%	0%	0%	0%	9.9	9.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/21/2019	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9.9	9.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2020	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	9.8	9.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	36%	0%	0%	0%	0%	64%	0%	0%	0%	9.7	9.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	0%	0%	24%	0%	0%	0%	76%	0%	0%	0%	9.7	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/15/2021	0%	23%	20%	0%	0%	0%	57%	0%	0%	0%	9.7	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	42%	0%	0%	0%	58%	0%	0%	0%	9.7	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/13/2020	0%	16%	28%	0%	0%	0%	57%	0%	0%	0%	9.7	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	9.6	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	40%	0%	0%	0%	0%	60%	0%	0%	0%	9.6	9.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	36%	0%	0%	0%	0%	64%	0%	0%	0%	9.5	9.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/18/2020	0%	28%	40%	0%	0%	0%	31%	0%	0%	0%	9.5	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	0%	21%	21%	0%	0%	0%	57%	0%	0%	0%	9.5	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	27%	0%	0%	0%	73%	0%	0%	0%	9.5	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/1/2020	19%	0%	20%	0%	0%	0%	61%	0%	0%	0%	9.4	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/30/2020	0%	19%	19%	0%	0%	0%	62%	0%	0%	0%	9.4	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/19/2021	0%	16%	30%	0%	0%	0%	54%	0%	0%	0%	9.4	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	9.3	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	27%	0%	0%	0%	0%	73%	0%	0%	0%	9.2	9.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2017	79%	0%	21%	0%	0%	0%	0%	0%	0%	0%	9.2	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	9.2	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/28/2020	0%	17%	20%	0%	0%	0%	63%	0%	0%	0%	9.2	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	0%	24%	0%	0%	0%	76%	0%	0%	0%	9	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/1/2020	0%	0%	32%	0%	0%	0%	68%	0%	0%	0%	9	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/29/2021	0%	0%	34%	0%	0%	0%	66%	0%	0%	0%	9	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/20/2020	0%	0%	23%	0%	0%	0%	77%	0%	0%	0%	8.8	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2019	81%	0%	19%	0%	0%	0%	0%	0%	0%	0%	8.7	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	0%	0%	34%	0%	0%	0%	66%	0%	0%	0%	8.7	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	8.7	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	8.7	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	24%	0%	0%	0%	76%	0%	0%	0%	8.6	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/27/2020	33%	20%	30%	0%	0%	0%	16%	0%	0%	0%	8.6	12

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Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2021	0%	16%	47%	0%	0%	0%	37%	0%	0%	0%	8.6	16
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	17%	33%	0%	0%	0%	50%	0%	0%	0%	8.6	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/3/2020	0%	0%	21%	0%	0%	0%	79%	0%	0%	0%	8.5	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	0%	25%	33%	0%	0%	0%	43%	0%	0%	0%	8.5	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/5/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	8.5	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	15%	38%	0%	0%	0%	47%	0%	0%	0%	8.5	14
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/9/2020	0%	0%	27%	0%	0%	0%	73%	0%	0%	0%	8.4	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	0%	19%	0%	0%	0%	81%	0%	0%	0%	8.4	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/30/2020	0%	37%	0%	0%	0%	0%	63%	0%	0%	0%	8.4	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/11/2021	0%	24%	0%	0%	0%	0%	76%	0%	0%	0%	8.3	8.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	8.3	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/19/2020	0%	0%	22%	0%	0%	0%	78%	0%	0%	0%	8.2	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/26/2020	0%	0%	23%	0%	0%	0%	77%	0%	0%	0%	8.2	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/25/2021	0%	23%	25%	0%	0%	0%	32%	0%	21%	0%	8.1	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/21/2020	0%	23%	21%	0%	0%	0%	57%	0%	0%	0%	8.1	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2021	0%	0%	37%	0%	0%	0%	63%	0%	0%	0%	8.1	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/1/2020	0%	49%	0%	0%	0%	0%	51%	0%	0%	0%	8.1	8.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/10/2020	0%	0%	23%	0%	0%	0%	77%	0%	0%	0%	8	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	32%	0%	0%	0%	68%	0%	0%	0%	7.9	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	7.9	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	31%	25%	0%	0%	0%	43%	0%	0%	0%	7.9	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	0%	20%	23%	0%	0%	0%	58%	0%	0%	0%	7.9	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	20%	0%	0%	0%	80%	0%	0%	0%	7.8	9.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	25%	32%	0%	0%	0%	43%	0%	0%	0%	7.7	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/1/2021	0%	19%	28%	0%	0%	0%	53%	0%	0%	0%	7.7	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/29/2020	0%	52%	0%	0%	0%	0%	48%	0%	0%	0%	7.7	7.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/15/2020	0%	30%	0%	0%	0%	0%	70%	0%	0%	0%	7.6	7.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	34%	0%	0%	0%	66%	0%	0%	0%	7.6	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/26/2020	0%	0%	42%	0%	0%	0%	58%	0%	0%	0%	7.6	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	7.5	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/20/2020	0%	29%	0%	0%	0%	0%	71%	0%	0%	0%	7.5	7.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/23/2020	0%	0%	0%	0%	0%	0%	77%	23%	0%	0%	7.4	9.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	7.4	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	0%	26%	24%	0%	0%	0%	51%	0%	0%	0%	7.4	9.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/17/2021	0%	31%	0%	0%	0%	0%	69%	0%	0%	0%	7.2	7.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/17/2020	0%	0%	32%	0%	0%	0%	68%	0%	0%	0%	7.2	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/4/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	7.2	9.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/2/2020	0%	29%	0%	0%	0%	0%	71%	0%	0%	0%	7	7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/16/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	7	9.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/2/2020	0%	0%	34%	0%	0%	0%	66%	0%	0%	0%	7	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/14/2020	0%	32%	0%	0%	0%	0%	68%	0%	0%	0%	6.9	6.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/22/2021	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	6.9	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/24/2020	0%	26%	30%	0%	0%	0%	45%	0%	0%	0%	6.9	9.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/15/2021	0%	0%	0%	0%	0%	0%	75%	25%	0%	0%	6.8	9.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	6.7	9.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	30%	0%	0%	0%	70%	0%	0%	0%	6.7	9.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	6.7	9.4

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Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/6/2020	0%	42%	0%	0%	0%	0%	58%	0%	0%	0%	6.5	6.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	32%	0%	0%	0%	68%	0%	0%	0%	6.4	9.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/18/2021	0%	0%	28%	0%	0%	0%	72%	0%	0%	0%	6.4	8.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/14/2020	0%	24%	25%	0%	0%	0%	52%	0%	0%	0%	6.4	8.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/23/2020	0%	35%	0%	0%	0%	0%	65%	0%	0%	0%	6.3	6.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/3/2020	0%	27%	25%	0%	0%	0%	48%	0%	0%	0%	6.3	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/21/2020	0%	0%	44%	0%	0%	0%	56%	0%	0%	0%	6.2	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/2/2020	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	6.2	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/7/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	6.1	8.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	0%	0%	25%	0%	0%	0%	75%	0%	0%	0%	6.1	8.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/12/2021	0%	0%	26%	0%	0%	0%	74%	0%	0%	0%	6	8.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/1/2020	0%	0%	38%	0%	0%	0%	63%	0%	0%	0%	6	9.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	4/9/2021	0%	19%	29%	0%	0%	0%	28%	0%	24%	0%	5.9	13
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/10/2020	0%	0%	38%	0%	0%	0%	62%	0%	0%	0%	5.8	9.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	5/2/2018	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5.7	5.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5.7	5.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	50%	0%	0%	0%	0%	50%	0%	0%	0%	5.6	5.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	0%	41%	0%	0%	0%	0%	59%	0%	0%	0%	5.6	5.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	33%	0%	0%	0%	67%	0%	0%	0%	5.6	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	36%	0%	0%	0%	64%	0%	0%	0%	5.6	8.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/15/2017	35%	0%	65%	0%	0%	0%	0%	0%	0%	0%	5.4	15
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/10/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5.2	5.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/8/2021	0%	0%	30%	0%	0%	0%	70%	0%	0%	0%	5.2	7.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/12/2018	65%	0%	35%	0%	0%	0%	0%	0%	0%	0%	5.2	8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2021	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	5	7.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/21/2020	0%	44%	0%	0%	0%	0%	56%	0%	0%	0%	5	5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/19/2020	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	4.9	6.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/22/2020	55%	0%	0%	0%	0%	0%	45%	0%	0%	0%	4.9	4.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2021	0%	0%	29%	0%	0%	0%	71%	0%	0%	0%	4.8	6.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	32%	35%	0%	0%	0%	33%	0%	0%	0%	4.7	7.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/5/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4.6	4.6
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/23/2020	0%	0%	46%	0%	0%	0%	54%	0%	0%	0%	4.5	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/24/2018	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4.5	4.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2021	0%	50%	0%	0%	0%	0%	50%	0%	0%	0%	4.4	4.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	4.4	6.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/8/2020	0%	0%	40%	0%	0%	0%	60%	0%	0%	0%	4.4	7.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/31/2020	0%	0%	31%	0%	0%	0%	69%	0%	0%	0%	4.4	6.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/24/2021	0%	0%	42%	0%	0%	0%	58%	0%	0%	0%	4.3	7.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	42%	0%	0%	0%	58%	0%	0%	0%	4.3	7.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/17/2019	53%	0%	48%	0%	0%	0%	0%	0%	0%	0%	4.2	8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/17/2020	0%	0%	35%	0%	0%	0%	65%	0%	0%	0%	4	6.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	11/13/2020	0%	0%	65%	0%	0%	0%	35%	0%	0%	0%	3.9	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/13/2020	0%	0%	63%	0%	0%	0%	37%	0%	0%	0%	3.9	11
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/14/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3.7	3.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/22/2020	62%	0%	38%	0%	0%	0%	0%	0%	0%	0%	3.6	5.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	43%	0%	0%	0%	57%	0%	0%	0%	3.6	6.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	39%	0%	0%	0%	61%	0%	0%	0%	3.5	5.7

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	40%	0%	0%	0%	60%	0%	0%	0%	3.5	5.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/10/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3.1	3.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	0%	0%	0%	0%	52%	48%	0%	0%	2.8	5.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	10/3/2019	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.8	2.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	45%	0%	0%	0%	55%	0%	0%	0%	2.7	4.9
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	2/20/2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.7	2.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	49%	0%	0%	0%	51%	0%	0%	0%	2.3	4.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/16/2020	0%	19%	81%	0%	0%	0%	0%	0%	0%	0%	2.3	12
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/8/2021	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.3	2.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/2/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/26/2019	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0	2.5
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0	9.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/23/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	3.3
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0	5.2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0	9.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/6/2020	0%	0%	19%	14%	16%	20%	0%	0%	16%	14%	0	17
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0	20
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	3/19/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.8
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	6.7
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	80%	0%	0%	0%	0%	0%	20%	0%	0	10
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/24/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0	8.4
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	12/6/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	3.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	1/15/2020	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	9/30/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	5.1
Aerial - Mixture of PFAS	Offsite	Drinking Water	Private Residence	7/11/2019	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	0%	0%	0%	0%	95%	5%	0%	0%	850	900
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/24/2018	10%	0%	0%	0%	0%	0%	90%	0%	0%	0%	630	630
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	420	420
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/26/2018	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	400	400
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2019	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	320	320
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2017	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	310	310
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	4%	5%	3%	0%	0%	0%	87%	0%	1%	0%	300	310
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/12/2020	2%	10%	2%	0%	0%	0%	85%	0%	0%	0%	300	310
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/4/2019	0%	7%	2%	0%	0%	0%	92%	0%	0%	0%	280	280
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	7%	5%	2%	0%	0%	0%	85%	0%	0%	0%	260	270
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/14/2017	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	250	250
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/25/2020	0%	3%	2%	0%	0%	0%	95%	0%	0%	0%	250	250
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2019	9%	0%	7%	0%	0%	0%	85%	0%	0%	0%	250	270
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	7%	4%	1%	0%	0%	0%	87%	0%	0%	0%	250	250
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/17/2020	7%	0%	5%	0%	0%	0%	87%	0%	1%	0%	250	270
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	5%	5%	4%	0%	0%	0%	85%	0%	0%	0%	250	260
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2019	9%	3%	1%	0%	0%	0%	87%	0%	0%	0%	240	240

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/15/2019	6%	6%	2%	0%	0%	0%	85%	0%	1%	0%	240	250
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2019	10%	0%	7%	0%	0%	0%	83%	0%	0%	0%	230	240
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/27/2019	4%	3%	1%	0%	0%	0%	90%	0%	1%	0%	230	230
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2017	4%	0%	0%	0%	0%	0%	96%	0%	0%	0%	220	220
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/26/2019	0%	4%	0%	0%	0%	0%	96%	0%	0%	0%	220	220
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/21/2019	8%	4%	2%	0%	0%	0%	87%	0%	0%	0%	220	220
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/10/2019	3%	5%	2%	0%	0%	0%	90%	0%	0%	0%	220	220
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/26/2019	5%	4%	0%	0%	0%	0%	91%	0%	0%	0%	210	210
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	5/7/2018	5%	7%	1%	0%	0%	0%	85%	0%	1%	0%	210	210
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	2%	7%	2%	0%	0%	0%	88%	0%	1%	0%	200	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2017	11%	0%	0%	0%	0%	0%	89%	0%	0%	0%	200	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	5%	7%	1%	0%	0%	0%	85%	0%	2%	0%	200	210
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	5%	0%	0%	0%	0%	95%	0%	0%	0%	200	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/10/2019	4%	6%	4%	0%	0%	0%	84%	0%	1%	0%	200	210
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/30/2020	2%	5%	0%	0%	0%	0%	93%	0%	0%	0%	200	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/12/2019	11%	4%	1%	0%	0%	0%	85%	0%	0%	0%	190	190
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	2%	7%	2%	0%	0%	0%	89%	0%	0%	0%	190	190
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	5%	5%	2%	0%	0%	0%	87%	0%	2%	0%	190	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2020	3%	0%	0%	0%	0%	0%	97%	0%	0%	0%	190	190
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/31/2019	0%	5%	2%	0%	0%	0%	92%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2019	8%	0%	10%	0%	0%	0%	82%	0%	0%	0%	180	200
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2018	11%	3%	0%	0%	0%	0%	85%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	7%	4%	0%	0%	0%	0%	89%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	11%	3%	0%	0%	0%	0%	86%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2018	7%	3%	0%	0%	0%	0%	89%	0%	0%	0%	180	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/7/2020	6%	4%	4%	0%	0%	0%	84%	0%	3%	0%	180	190
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	4%	6%	3%	0%	0%	0%	87%	0%	0%	0%	170	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	2%	6%	0%	0%	0%	0%	92%	0%	0%	0%	170	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	5%	5%	2%	0%	0%	0%	86%	0%	3%	0%	170	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2019	2%	3%	3%	0%	0%	0%	91%	0%	0%	0%	170	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2020	0%	8%	0%	0%	0%	0%	90%	2%	0%	0%	170	180
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	2%	4%	2%	0%	0%	0%	93%	0%	0%	0%	170	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/22/2019	7%	0%	3%	0%	0%	0%	90%	0%	0%	0%	160	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/20/2020	0%	4%	0%	0%	0%	0%	96%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	2%	6%	2%	0%	0%	0%	90%	0%	0%	0%	160	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	4%	0%	0%	0%	0%	0%	88%	8%	0%	0%	160	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2019	3%	5%	2%	0%	0%	0%	88%	0%	3%	0%	160	170
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	7%	4%	0%	0%	0%	0%	89%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2019	2%	9%	2%	0%	0%	0%	86%	0%	1%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	7%	0%	0%	0%	0%	0%	93%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/3/2020	4%	3%	0%	0%	0%	0%	94%	0%	0%	0%	160	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	5%	0%	0%	0%	0%	95%	0%	0%	0%	150	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2019	7%	0%	4%	0%	0%	0%	89%	0%	0%	0%	150	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/2/2020	0%	6%	0%	0%	0%	0%	90%	4%	0%	0%	150	160

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	2%	0%	2%	0%	0%	0%	96%	0%	0%	0%	150	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/18/2019	3%	6%	2%	0%	0%	0%	89%	0%	0%	0%	150	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2019	4%	5%	3%	0%	0%	0%	87%	0%	0%	0%	150	160
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	7%	5%	4%	0%	0%	0%	85%	0%	0%	0%	150	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	8%	5%	0%	0%	0%	86%	0%	1%	0%	140	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/13/2019	5%	5%	0%	0%	0%	0%	90%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/26/2019	0%	4%	2%	0%	0%	0%	94%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/31/2019	0%	7%	3%	0%	0%	0%	90%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	7%	2%	0%	0%	0%	91%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/19/2019	3%	5%	5%	0%	0%	0%	87%	0%	0%	0%	140	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	4%	0%	0%	0%	0%	96%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2019	5%	7%	0%	0%	0%	0%	86%	0%	2%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/5/2020	0%	6%	3%	0%	0%	0%	91%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	5%	7%	3%	0%	0%	0%	86%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2019	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/12/2020	0%	7%	1%	0%	0%	0%	88%	3%	0%	0%	140	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	10%	2%	0%	0%	0%	88%	0%	0%	0%	140	150
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2018	10%	0%	0%	0%	0%	0%	90%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	11%	0%	4%	0%	0%	0%	83%	0%	2%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/14/2019	6%	6%	2%	0%	0%	0%	87%	0%	0%	0%	140	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/19/2019	15%	0%	0%	0%	0%	0%	84%	0%	2%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2020	4%	4%	0%	0%	0%	0%	92%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/26/2019	5%	4%	2%	0%	0%	0%	90%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/26/2020	0%	5%	0%	0%	0%	0%	89%	6%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/13/2019	8%	6%	2%	0%	0%	0%	84%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	6%	4%	2%	0%	0%	0%	88%	0%	0%	0%	130	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/11/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/15/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/1/2019	0%	7%	2%	0%	0%	0%	92%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/27/2019	0%	6%	0%	0%	0%	0%	94%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2019	8%	4%	2%	0%	0%	0%	86%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	6%	5%	3%	0%	0%	0%	85%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	5%	8%	4%	0%	0%	0%	84%	0%	0%	0%	130	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2019	3%	4%	2%	0%	0%	0%	88%	0%	3%	0%	130	140
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	6%	6%	4%	0%	0%	0%	85%	0%	0%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2019	0%	5%	2%	0%	0%	0%	93%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	3%	0%	0%	0%	0%	0%	95%	0%	2%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2019	0%	6%	2%	0%	0%	0%	91%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/31/2019	3%	6%	5%	0%	0%	0%	86%	0%	0%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2020	0%	6%	3%	0%	0%	0%	88%	4%	0%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/17/2019	7%	4%	2%	0%	0%	0%	86%	0%	0%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	2%	7%	0%	0%	0%	0%	88%	0%	2%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2019	2%	5%	0%	0%	0%	0%	92%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2019	7%	5%	3%	0%	0%	0%	84%	0%	0%	0%	120	120

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/30/2019	2%	7%	0%	0%	0%	0%	91%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/31/2019	5%	5%	2%	0%	0%	0%	88%	0%	0%	0%	120	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	9%	3%	3%	0%	0%	0%	86%	0%	0%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/19/2019	5%	4%	0%	0%	0%	0%	86%	0%	5%	0%	120	130
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	8%	0%	4%	0%	0%	0%	88%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2019	4%	0%	0%	0%	0%	0%	96%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	0%	0%	3%	0%	0%	0%	97%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/10/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/27/2020	0%	0%	2%	0%	0%	0%	98%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	3%	6%	0%	0%	0%	0%	92%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	8%	3%	0%	0%	0%	87%	0%	3%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2019	8%	0%	6%	0%	0%	0%	86%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	4%	5%	3%	0%	0%	0%	88%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	6%	5%	0%	0%	0%	0%	89%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/29/2019	2%	0%	0%	0%	0%	0%	98%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	0%	11%	0%	0%	0%	0%	89%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	3%	6%	0%	0%	0%	0%	91%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2020	4%	6%	2%	0%	0%	0%	88%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2019	0%	11%	0%	0%	0%	0%	89%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	10%	0%	0%	0%	0%	0%	90%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2019	9%	0%	6%	0%	0%	0%	85%	0%	0%	0%	110	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	8%	0%	2%	0%	0%	0%	90%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2018	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	110	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/25/2019	3%	9%	2%	0%	0%	0%	85%	0%	1%	0%	110	120
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2019	7%	6%	0%	0%	0%	0%	87%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	9%	0%	2%	0%	0%	0%	89%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	3%	6%	5%	0%	0%	0%	86%	0%	0%	0%	100	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/9/2019	9%	0%	2%	0%	0%	0%	85%	0%	4%	0%	100	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2019	5%	6%	3%	0%	0%	0%	86%	0%	0%	0%	100	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/20/2019	9%	0%	2%	0%	0%	0%	89%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	6%	3%	0%	0%	0%	90%	0%	0%	0%	100	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2020	4%	0%	0%	0%	0%	0%	96%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/14/2020	0%	8%	3%	0%	0%	0%	90%	0%	0%	0%	100	110
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/25/2019	3%	5%	0%	0%	0%	0%	92%	0%	0%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/9/2019	5%	5%	0%	0%	0%	0%	89%	0%	1%	0%	100	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	8%	6%	0%	0%	0%	0%	86%	0%	0%	0%	99	99
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	5%	0%	0%	0%	0%	0%	95%	0%	0%	0%	99	99
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/5/2019	5%	6%	4%	0%	0%	0%	85%	0%	0%	0%	98	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	8%	3%	0%	0%	0%	86%	0%	3%	0%	96	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/23/2020	5%	0%	0%	0%	0%	0%	91%	0%	3%	0%	96	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/3/2019	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	96	100
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	95	95
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	94	94

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	7%	6%	0%	0%	0%	0%	87%	0%	0%	0%	94	94
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/8/2019	4%	0%	4%	0%	0%	0%	89%	0%	3%	0%	92	99
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	0%	7%	0%	0%	0%	0%	91%	0%	3%	0%	91	94
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/26/2019	0%	6%	2%	0%	0%	0%	92%	0%	0%	0%	90	93
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	90	90
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	89	89
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	4%	0%	0%	0%	96%	0%	0%	0%	89	93
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/20/2020	0%	13%	0%	0%	0%	0%	88%	0%	0%	0%	88	88
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/10/2020	10%	0%	3%	0%	0%	0%	87%	0%	0%	0%	88	90
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	6%	2%	0%	0%	0%	91%	0%	0%	0%	87	89
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/21/2020	0%	0%	0%	0%	0%	0%	90%	10%	0%	0%	86	96
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	86	86
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/13/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	85	85
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/24/2018	7%	0%	0%	0%	0%	0%	93%	0%	0%	0%	84	84
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2017	5%	6%	0%	0%	0%	0%	88%	0%	0%	0%	84	84
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/11/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	83	83
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	4%	0%	0%	0%	0%	0%	96%	0%	0%	0%	83	83
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	82	87
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	82	82
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2019	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	82	82
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/20/2019	5%	0%	0%	0%	0%	0%	95%	0%	0%	0%	82	82
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2020	4%	10%	0%	0%	0%	0%	86%	0%	0%	0%	82	82
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	81	81
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/13/2020	0%	10%	0%	0%	0%	0%	90%	0%	0%	0%	81	81
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	7%	0%	3%	0%	0%	0%	90%	0%	0%	0%	81	83
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	80	80
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/6/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	80	80
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/4/2019	7%	0%	4%	0%	0%	0%	88%	0%	0%	0%	79	83
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/2/2019	10%	0%	5%	0%	0%	0%	85%	0%	0%	0%	79	84
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	79	79
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2019	4%	0%	0%	0%	0%	0%	96%	0%	0%	0%	78	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	15%	0%	0%	0%	0%	0%	85%	0%	0%	0%	78	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/31/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	78	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	8%	0%	4%	0%	0%	0%	83%	0%	4%	0%	77	84
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	77	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/28/2019	4%	9%	0%	0%	0%	0%	87%	0%	0%	0%	77	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/31/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	77	84
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/26/2019	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	77	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/15/2019	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	76	76
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	11%	3%	0%	0%	0%	0%	86%	0%	0%	0%	76	76
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	6%	0%	4%	0%	0%	0%	91%	0%	0%	0%	76	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	76	76
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	6%	3%	0%	0%	0%	91%	0%	0%	0%	76	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2021	0%	5%	0%	0%	0%	0%	90%	5%	0%	0%	76	80
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/1/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	76	76
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/1/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	75	75
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/4/2020	7%	0%	0%	0%	0%	0%	88%	5%	0%	0%	75	78

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	6%	0%	3%	0%	0%	0%	91%	0%	0%	0%	75	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	5%	0%	0%	0%	91%	0%	4%	0%	75	82
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	5%	0%	0%	0%	0%	89%	5%	0%	0%	74	79
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	74	74
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/26/2019	0%	0%	4%	0%	0%	0%	96%	0%	0%	0%	74	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/10/2020	0%	8%	3%	0%	0%	0%	86%	3%	0%	0%	74	79
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	73	73
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	3%	7%	0%	0%	0%	0%	91%	0%	0%	0%	72	72
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	95%	5%	0%	0%	72	75
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	72	72
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/15/2020	0%	7%	0%	0%	0%	0%	93%	0%	0%	0%	71	71
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	7%	0%	6%	0%	0%	0%	87%	0%	0%	0%	70	75
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/22/2019	8%	0%	10%	0%	0%	0%	82%	0%	0%	0%	70	78
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/26/2019	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	70	70
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/7/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	70	70
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/25/2020	0%	8%	3%	0%	0%	0%	89%	0%	0%	0%	70	72
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	69	69
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	11%	0%	5%	0%	0%	0%	84%	0%	0%	0%	68	71
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/26/2021	0%	5%	0%	0%	0%	0%	91%	3%	0%	0%	68	70
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	68	68
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	9%	0%	0%	0%	0%	0%	87%	3%	0%	0%	68	70
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	68	68
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/11/2019	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	68	77
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	6%	0%	7%	0%	0%	0%	88%	0%	0%	0%	68	73
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	66	66
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2020	0%	6%	0%	0%	0%	0%	90%	4%	0%	0%	66	69
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	6%	0%	0%	0%	0%	90%	4%	0%	0%	65	68
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	65	70
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	65	69
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	64	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	96%	4%	0%	0%	64	67
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	64	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	64	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2019	5%	8%	4%	0%	0%	0%	83%	0%	0%	0%	64	67
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	64	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	7%	0%	0%	0%	0%	0%	93%	0%	0%	0%	63	63
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	92%	8%	0%	0%	63	68
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	8%	4%	0%	0%	0%	88%	0%	0%	0%	62	65
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2017	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	62	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	62	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2020	0%	11%	0%	0%	0%	0%	89%	0%	0%	0%	62	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	10%	0%	5%	0%	0%	0%	85%	0%	0%	0%	62	66
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	96%	4%	0%	0%	62	65
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	7%	0%	0%	0%	0%	0%	93%	0%	0%	0%	61	61
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	61	61
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/5/2021	8%	0%	0%	0%	0%	0%	87%	5%	0%	0%	61	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/26/2019	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	61	61

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/13/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	61	61
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	11%	0%	6%	0%	0%	0%	84%	0%	0%	0%	60	63
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/26/2020	0%	6%	0%	0%	0%	0%	94%	0%	0%	0%	60	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/26/2020	0%	0%	0%	0%	0%	0%	97%	0%	3%	0%	60	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/22/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	60	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	60	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/1/2020	4%	0%	0%	0%	0%	0%	91%	4%	0%	0%	60	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	60	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/11/2020	0%	0%	0%	0%	0%	0%	93%	7%	0%	0%	60	64
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/12/2020	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	60	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	10%	5%	0%	0%	0%	86%	0%	0%	0%	60	63
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	59	59
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	59	59
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	0%	0%	0%	0%	0%	96%	0%	4%	0%	58	61
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2019	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	58	62
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	58	58
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	8%	3%	0%	0%	0%	88%	0%	0%	0%	58	60
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	7%	0%	0%	0%	87%	0%	7%	0%	57	66
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	91%	9%	0%	0%	57	63
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/1/2020	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	57	57
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	7%	0%	4%	0%	0%	0%	89%	0%	0%	0%	56	59
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/18/2019	10%	0%	6%	0%	0%	0%	85%	0%	0%	0%	56	59
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/4/2020	6%	0%	0%	0%	0%	0%	90%	4%	0%	0%	56	58
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	56	56
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/8/2021	0%	9%	0%	0%	0%	0%	87%	5%	0%	0%	55	58
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	7%	0%	5%	0%	0%	0%	89%	0%	0%	0%	54	56
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2019	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	54	57
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2019	10%	0%	8%	0%	0%	0%	82%	0%	0%	0%	54	58
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	54	54
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	13%	0%	4%	0%	0%	0%	83%	0%	0%	0%	54	57
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2019	5%	0%	0%	0%	0%	0%	95%	0%	0%	0%	54	54
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/25/2020	0%	10%	0%	0%	0%	0%	90%	0%	0%	0%	53	53
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/26/2019	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	53	53
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	53	53
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/7/2020	0%	10%	0%	0%	0%	0%	90%	0%	0%	0%	52	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	52	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	52	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	52	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	51	51
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/26/2020	0%	0%	0%	0%	0%	0%	96%	4%	0%	0%	51	53
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	0%	5%	0%	0%	0%	91%	0%	4%	0%	51	56
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	7%	0%	0%	0%	88%	0%	5%	0%	50	57
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2020	0%	5%	0%	0%	0%	0%	95%	0%	0%	0%	50	50
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2021	0%	4%	0%	0%	0%	0%	96%	0%	0%	0%	50	50
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	5%	0%	0%	0%	0%	0%	88%	7%	0%	0%	50	53
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/22/2019	8%	0%	7%	0%	0%	0%	84%	0%	0%	0%	50	54
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/26/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	49	49

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2019	0%	0%	7%	0%	0%	0%	87%	0%	6%	0%	49	56
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/15/2019	0%	0%	7%	0%	0%	0%	88%	0%	5%	0%	49	56
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	6%	0%	0%	0%	0%	0%	89%	0%	4%	0%	49	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	49	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	49	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/7/2021	0%	5%	0%	0%	0%	0%	95%	0%	0%	0%	48	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2019	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	48	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	48	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	48	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	48	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/20/2020	0%	0%	13%	0%	0%	0%	87%	0%	0%	0%	48	55
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	47	47
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	47	47
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	5%	0%	0%	0%	90%	0%	5%	0%	47	52
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	47	50
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/26/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	46	46
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	46	46
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/11/2020	0%	5%	0%	0%	0%	0%	90%	5%	0%	0%	46	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/20/2019	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	46	51
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2020	0%	4%	0%	0%	0%	0%	87%	9%	0%	0%	46	50
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	46	46
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/10/2020	5%	0%	0%	0%	0%	0%	87%	8%	0%	0%	45	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	13%	0%	0%	0%	0%	0%	87%	0%	0%	0%	45	45
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/26/2019	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	45	47
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	45	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	45	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/27/2019	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	45	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/23/2019	8%	0%	8%	0%	0%	0%	84%	0%	0%	0%	45	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	6%	0%	9%	0%	0%	0%	85%	0%	0%	0%	44	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/29/2020	7%	0%	0%	0%	0%	0%	85%	8%	0%	0%	44	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	44	49
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/26/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2020	0%	15%	0%	0%	0%	0%	85%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2019	15%	0%	0%	0%	0%	0%	85%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2021	0%	6%	0%	0%	0%	0%	94%	0%	0%	0%	44	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/9/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2018	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	89%	11%	0%	0%	43	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	43	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/14/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2021	0%	10%	0%	0%	0%	0%	90%	0%	0%	0%	42	42

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/23/2019	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	42	45
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	6%	0%	0%	0%	0%	0%	94%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	42	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	42	45
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	41	45
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/22/2019	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	41	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	41	41
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/7/2017	10%	0%	5%	0%	0%	0%	85%	0%	0%	0%	41	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	41	41
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	41	41
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/29/2017	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	41	41
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2020	0%	0%	8%	0%	0%	0%	86%	0%	5%	0%	41	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/21/2019	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	41	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	5%	0%	0%	0%	85%	0%	10%	0%	41	48
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	95%	0%	5%	0%	40	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/15/2020	0%	5%	0%	0%	0%	0%	89%	6%	0%	0%	40	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	40	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/29/2020	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	40	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	40	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2020	0%	0%	0%	0%	0%	0%	94%	6%	0%	0%	40	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	40	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	40	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	39	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	39	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2019	7%	0%	6%	0%	0%	0%	87%	0%	0%	0%	39	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/9/2021	0%	0%	0%	0%	0%	0%	89%	11%	0%	0%	39	44
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/13/2020	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	39	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/31/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	38	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	5%	0%	0%	0%	95%	0%	0%	0%	38	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/12/2020	0%	0%	6%	0%	0%	0%	88%	0%	6%	0%	38	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	38	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/15/2020	0%	7%	0%	0%	0%	0%	87%	6%	0%	0%	38	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	11%	0%	0%	0%	0%	0%	89%	0%	0%	0%	38	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	38	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	38	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	11%	0%	6%	0%	0%	0%	82%	0%	0%	0%	38	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	38	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	8%	0%	0%	0%	80%	0%	12%	0%	38	47
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	0%	6%	0%	0%	0%	89%	0%	5%	0%	38	43
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	0%	0%	0%	0%	0%	95%	0%	5%	0%	37	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/4/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	37	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	7%	0%	0%	0%	0%	0%	84%	9%	0%	0%	37	40
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	37	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	89%	0%	11%	0%	37	42

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2018	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	37	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2020	11%	0%	5%	0%	0%	0%	84%	0%	0%	0%	37	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	7%	0%	0%	0%	0%	0%	93%	0%	0%	0%	37	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/24/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	37	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	36	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	36	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	8%	0%	0%	0%	87%	0%	5%	0%	36	42
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	36	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	36	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	93%	7%	0%	0%	36	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/1/2020	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	36	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2020	10%	0%	0%	0%	0%	0%	85%	5%	0%	0%	36	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/13/2020	0%	0%	0%	0%	0%	0%	94%	0%	6%	0%	36	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/19/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/31/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	35	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	34	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	5%	0%	0%	0%	89%	0%	6%	0%	34	38
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	34	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	34	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/20/2020	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/8/2021	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	34	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/18/2019	10%	0%	0%	0%	0%	0%	90%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	33	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2021	6%	0%	0%	0%	0%	0%	85%	9%	0%	0%	33	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/25/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	33	36
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2017	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2021	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	33	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/27/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	33	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	32	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2020	0%	11%	0%	0%	0%	0%	89%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/1/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	32	36

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PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	32	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	0%	6%	0%	0%	0%	94%	0%	0%	0%	32	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/26/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/19/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/10/2019	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	32	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/7/2021	0%	0%	0%	0%	0%	0%	92%	8%	0%	0%	32	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	32	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/23/2019	0%	0%	7%	0%	0%	0%	82%	0%	11%	0%	32	39
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/26/2019	11%	0%	0%	0%	0%	0%	89%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2019	0%	0%	7%	0%	0%	0%	88%	0%	6%	0%	31	35
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2020	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	31	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2020	0%	0%	10%	0%	0%	0%	85%	0%	6%	0%	31	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	0%	0%	0%	0%	94%	6%	0%	0%	31	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/17/2019	0%	0%	6%	0%	0%	0%	84%	0%	10%	0%	31	37
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	31	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/27/2020	0%	0%	0%	0%	0%	0%	94%	6%	0%	0%	31	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	31	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/8/2021	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	31	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/15/2020	8%	0%	10%	0%	0%	0%	83%	0%	0%	0%	30	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2019	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	30	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	9%	0%	7%	0%	0%	0%	85%	0%	0%	0%	30	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	92%	8%	0%	0%	30	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	93%	0%	7%	0%	30	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	30	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	9%	0%	8%	0%	0%	0%	83%	0%	0%	0%	30	33
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/6/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/15/2020	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2020	0%	0%	7%	0%	0%	0%	93%	0%	0%	0%	30	32
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/31/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	30	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	30	34
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	9%	0%	8%	0%	0%	0%	83%	0%	0%	0%	29	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2020	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	8%	0%	7%	0%	0%	0%	85%	0%	0%	0%	29	31

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/23/2019	11%	0%	0%	0%	0%	0%	89%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/11/2019	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	29	29
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/21/2019	0%	0%	7%	0%	0%	0%	93%	0%	0%	0%	29	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/2/2020	0%	8%	0%	0%	0%	0%	92%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/16/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	28	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/31/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	7%	0%	0%	0%	93%	0%	0%	0%	28	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	28	31
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	0%	0%	7%	0%	0%	0%	93%	0%	0%	0%	28	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/9/2020	11%	0%	0%	0%	0%	0%	89%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	28	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/2/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	27	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/14/2019	0%	0%	0%	0%	0%	0%	92%	0%	8%	0%	27	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2021	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	27	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/29/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	27	30
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2020	0%	10%	0%	0%	0%	0%	90%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/22/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	27	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	26	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	26	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	26	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	26	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	0%	0%	0%	0%	0%	93%	7%	0%	0%	26	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	26	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/27/2020	0%	0%	0%	0%	0%	0%	92%	8%	0%	0%	25	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	7%	0%	0%	0%	93%	0%	0%	0%	25	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/21/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/14/2019	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	25	28
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/7/2021	8%	0%	0%	0%	0%	0%	92%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	25	25
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	24	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	92%	8%	0%	0%	24	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/2/2020	12%	0%	0%	0%	0%	0%	88%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	24	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/1/2020	0%	0%	0%	0%	0%	0%	89%	11%	0%	0%	24	27
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	24	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/18/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	24	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2019	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	24	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/13/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2020	9%	0%	0%	0%	0%	0%	91%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	23	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/20/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	23	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2021	0%	13%	0%	0%	0%	0%	87%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	23	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/18/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/7/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	0%	0%	0%	0%	91%	9%	0%	0%	22	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2021	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/5/2021	0%	11%	0%	0%	0%	0%	89%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/1/2020	0%	9%	0%	0%	0%	0%	91%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	22	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/27/2020	0%	0%	9%	0%	0%	0%	82%	0%	9%	0%	21	26
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/7/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	21	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2020	0%	0%	11%	0%	0%	0%	89%	0%	0%	0%	21	24
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	21	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/8/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	21	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	9%	0%	0%	0%	91%	0%	0%	0%	20	22

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2020	0%	0%	0%	0%	0%	0%	91%	9%	0%	0%	20	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/10/2020	0%	13%	0%	0%	0%	0%	87%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/19/2019	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	20	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	10%	0%	0%	0%	90%	0%	0%	0%	20	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	88%	0%	12%	0%	20	23
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/26/2021	14%	0%	0%	0%	0%	0%	86%	0%	0%	0%	20	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/12/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	19	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	19	22
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/20/2020	0%	12%	0%	0%	0%	0%	88%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/20/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	19	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	18	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/15/2019	0%	0%	8%	0%	0%	0%	92%	0%	0%	0%	18	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	87%	13%	0%	0%	18	21
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	18	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	13%	0%	0%	0%	87%	0%	0%	0%	17	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/31/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/25/2021	0%	15%	0%	0%	0%	0%	85%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	13%	0%	0%	0%	87%	0%	0%	0%	17	20
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	17	19
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/2/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	17	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	13%	0%	0%	0%	87%	0%	0%	0%	16	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2020	0%	0%	0%	0%	0%	0%	89%	0%	11%	0%	16	18
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/30/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/26/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	16	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/7/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/27/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	15	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/17/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/26/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/23/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2020	0%	0%	12%	0%	0%	0%	88%	0%	0%	0%	15	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/20/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/8/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	87%	0%	13%	0%	15	17
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/26/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	15	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/24/2020	0%	14%	0%	0%	0%	0%	86%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/25/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/7/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/9/2021	0%	0%	13%	0%	0%	0%	88%	0%	0%	0%	14	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/7/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	13%	0%	0%	0%	88%	0%	0%	0%	14	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2021	0%	0%	13%	0%	0%	0%	87%	0%	0%	0%	14	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/29/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/15/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	14	14
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/17/2020	0%	0%	0%	0%	0%	0%	87%	0%	13%	0%	13	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/10/2017	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2020	0%	0%	0%	0%	0%	19%	81%	0%	0%	0%	13	16
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/13/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	13	13
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/16/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/30/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/12/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/4/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	78%	0%	0%	22%	12	15
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/30/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/3/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/21/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/14/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	12	12
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/23/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/25/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/8/2018	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/17/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/29/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	11	11
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/27/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/20/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/12/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/5/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/9/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	10	10
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.7	9.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.6	9.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.6	9.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.6	9.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.6	9.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.5	9.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/8/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.5	9.5

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.5	9.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.5	9.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.5	9.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.4	9.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.3	9.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.3	9.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.3	9.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.3	9.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/22/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.1	9.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	9.1	9.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.9	8.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.9	8.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.9	8.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.9	8.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.8	8.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.8	8.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.7	8.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/9/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.7	8.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.7	8.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.7	8.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/23/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.7	8.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.6	8.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.5	8.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/21/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.4	8.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.4	8.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/8/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.4	8.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.3	8.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.3	8.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.2	8.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.2	8.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.2	8.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.2	8.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.1	8.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8.1	8.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8	8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	8	8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.9	7.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/15/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.9	7.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.9	7.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.7	7.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.7	7.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.7	7.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/16/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.5	7.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.5	7.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.5	7.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.5	7.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/13/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.5	7.5

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.4	7.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.3	7.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.3	7.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.3	7.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.3	7.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.3	7.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.2	7.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.2	7.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.2	7.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/23/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7.1	7.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7	7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	7	7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.9	6.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.8	6.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.7	6.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.7	6.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.7	6.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.7	6.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.6	6.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.6	6.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.6	6.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/17/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.6	6.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.5	6.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.5	6.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/7/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.4	6.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.3	6.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.2	6.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/2/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/26/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/3/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6.1	6.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6	6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/13/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6	6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6	6

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6	6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	6	6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/26/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/6/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.8	5.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.7	5.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.7	5.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.7	5.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/6/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.6	5.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/12/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.6	5.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.6	5.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/31/2019	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/8/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.5	5.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/31/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/8/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/24/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/7/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.4	5.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/15/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.3	5.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.3	5.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.3	5.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.3	5.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.2	5.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.2	5.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.2	5.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5.1	5.1

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	5	5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/11/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.9	4.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/23/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.8	4.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/18/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/20/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/12/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.7	4.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.6	4.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/7/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.6	4.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.5	4.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/8/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.5	4.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/30/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.4	4.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.3	4.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.2	4.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.2	4.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.1	4.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.1	4.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.1	4.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4.1	4.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4	4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	4	4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.9	3.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.9	3.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.8	3.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.8	3.8

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.8	3.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.8	3.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/22/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/8/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.7	3.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/25/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.6	3.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.5	3.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.5	3.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.4	3.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.4	3.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.4	3.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.4	3.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.4	3.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/15/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.3	3.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/26/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.3	3.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.3	3.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.2	3.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.2	3.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/1/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.2	3.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.2	3.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/11/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/9/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/19/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	4/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3.1	3.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3	3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3	3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/4/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3	3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	3	3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/17/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/2/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.9	2.9
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/1/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/27/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/28/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/29/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.8	2.8
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.7	2.7
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/26/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/10/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/27/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/5/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/31/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/14/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.6	2.6
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/15/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.5	2.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	12/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.5	2.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.5	2.5
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/11/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.4	2.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/19/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.4	2.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/12/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.4	2.4
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/22/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.3	2.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/6/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.3	2.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.3	2.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/21/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.3	2.3
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/15/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/20/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/10/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/14/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/18/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/29/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	7/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/25/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.2	2.2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/5/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.1	2.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/30/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.1	2.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/2/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2.1	2.1
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/3/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/12/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	11/13/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	8/18/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/16/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	9/23/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	3/31/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	6/24/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	2/4/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	10/15/2020	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Aerial - Predominant PMPA	Offsite	Drinking Water	Private Residence	1/29/2021	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	2	2
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-B-4	2/6/2019	22%	2%	6%	1%	1%	1%	32%	16%	2%	18%	210000	380000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-10	2/7/2019	16%	20%	16%	7%	5%	4%	13%	5%	2%	13%	180000	380000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-11	2/7/2019	15%	20%	16%	7%	5%	4%	12%	5%	2%	14%	180000	380000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-9	2/7/2019	16%	20%	16%	7%	5%	4%	13%	5%	2%	13%	180000	360000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-B-3-A1	2/6/2019	25%	2%	8%	2%	1%	1%	30%	16%	2%	13%	130000	230000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-7	2/7/2019	16%	23%	17%	5%	3%	2%	22%	10%	1%	1%	110000	180000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-B-2	2/5/2019	19%	5%	10%	2%	1%	1%	34%	17%	2%	10%	110000	200000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-B-3	2/6/2019	20%	3%	9%	2%	1%	1%	33%	18%	2%	12%	110000	200000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-5	2/7/2019	14%	19%	17%	6%	4%	3%	24%	11%	1%	1%	74000	130000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-8	2/7/2019	11%	15%	15%	5%	5%	4%	29%	13%	1%	2%	64000	120000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-6	2/7/2019	16%	13%	16%	5%	4%	3%	26%	13%	1%	1%	62000	110000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-A-12	2/7/2019	19%	14%	28%	5%	4%	2%	19%	7%	1%	0%	55000	110000
Combined Process Water - Mixture of PFAS	Onsite	Surface Water	SEEP-B-3-E4	2/6/2019	27%	4%	14%	3%	3%	1%	35%	13%	1%	0%	25000	37000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-12	7/28/2020	50%	5%	9%	4%	3%	2%	8%	1%	5%	15%	1100000	1700000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-04	8/5/2020	23%	7%	16%	4%	3%	4%	4%	1%	3%	35%	550000	1600000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-05A	10/13/2020	6%	20%	25%	10%	7%	6%	3%	1%	1%	21%	470000	1700000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PW-03	7/23/2020	28%	2%	5%	2%	1%	0%	43%	20%	0%	0%	340000	460000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-08A	7/30/2020	16%	1%	4%	1%	1%	0%	51%	24%	0%	0%	220000	310000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PIW-5S	7/22/2020	17%	18%	14%	4%	4%	3%	27%	10%	1%	1%	120000	190000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-11A	7/17/2020	18%	12%	21%	4%	5%	3%	27%	9%	1%	0%	97000	170000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	SMW-02	7/30/2020	32%	4%	24%	4%	3%	0%	24%	7%	1%	0%	90000	150000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-13	10/15/2020	18%	6%	12%	3%	3%	3%	35%	19%	1%	0%	78000	130000

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Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-13	7/9/2020	8%	3%	10%	2%	2%	4%	49%	22%	1%	0%	73000	120000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-07	7/23/2020	34%	8%	16%	6%	5%	1%	19%	8%	1%	0%	61000	99000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	FTA-02	7/20/2020	44%	7%	13%	7%	4%	2%	9%	2%	3%	8%	51000	85000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-25	7/29/2020	33%	5%	11%	2%	2%	1%	34%	11%	1%	0%	48000	67000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-01	7/23/2020	37%	14%	15%	5%	6%	7%	8%	3%	4%	1%	47000	81000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-09	7/27/2020	17%	3%	15%	7%	8%	3%	32%	14%	1%	0%	46000	88000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-14	7/9/2020	20%	3%	12%	2%	1%	4%	42%	16%	1%	0%	46000	71000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-03	7/24/2020	59%	0%	20%	4%	5%	1%	0%	2%	2%	8%	45000	76000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-15	7/9/2020	37%	4%	13%	3%	2%	1%	30%	10%	1%	0%	43000	59000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-30	7/23/2020	24%	4%	13%	2%	2%	3%	37%	14%	1%	0%	35000	54000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-24	7/21/2020	45%	3%	10%	2%	2%	1%	28%	10%	1%	0%	27000	36000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-7S	7/30/2020	26%	8%	18%	3%	3%	2%	29%	10%	1%	0%	26000	42000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PIW-3D	7/16/2020	27%	13%	22%	5%	2%	0%	24%	7%	0%	0%	26000	41000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PIW-1S	7/16/2020	24%	16%	20%	3%	1%	0%	28%	8%	0%	0%	22000	32000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	FTA-03	7/20/2020	31%	11%	17%	9%	8%	3%	12%	4%	2%	1%	19000	35000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-11	7/24/2020	24%	22%	19%	4%	4%	2%	11%	4%	1%	11%	18000	33000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-23	7/16/2020	55%	3%	9%	1%	1%	1%	22%	6%	1%	0%	16000	20000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-12S	7/21/2020	22%	10%	18%	2%	6%	10%	20%	7%	5%	0%	15000	29000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	NAF-10	7/27/2020	15%	2%	37%	1%	2%	4%	26%	11%	1%	0%	15000	35000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PIW-14	11/18/2020	29%	7%	19%	3%	0%	0%	33%	10%	0%	0%	15000	22000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	SMW-07	8/5/2020	64%	3%	12%	1%	1%	0%	14%	4%	1%	0%	15000	19000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	SMW-09	7/30/2020	50%	5%	13%	4%	3%	0%	14%	3%	1%	7%	15000	22000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-26	7/17/2020	23%	6%	17%	5%	3%	0%	36%	10%	1%	0%	13000	20000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PZ-19R	8/6/2020	22%	14%	27%	4%	4%	3%	20%	6%	1%	0%	13000	23000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	PIW-10S	7/15/2020	23%	14%	17%	3%	1%	0%	31%	9%	1%	0%	12000	17000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-28	7/20/2020	18%	6%	14%	2%	3%	0%	39%	16%	1%	0%	11000	17000
Combined Process Water - Mixture of PFAS	Onsite	Groundwater	MW-9S	7/29/2020	31%	5%	12%	3%	3%	2%	32%	12%	2%	0%	10000	15000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-B	7/29/2020	7%	62%	14%	3%	0%	0%	10%	3%	0%	0%	240000	300000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-C-1	2/5/2019	8%	60%	18%	6%	1%	0%	5%	1%	0%	0%	240000	340000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-C	7/29/2020	11%	59%	18%	5%	1%	0%	4%	1%	0%	0%	230000	300000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-5	2/2/2019	3%	68%	15%	5%	2%	1%	3%	1%	0%	2%	210000	280000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-B-1	2/5/2019	8%	52%	15%	4%	1%	0%	13%	5%	0%	2%	210000	290000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-C-1-E2	2/5/2019	6%	65%	17%	5%	1%	0%	5%	2%	0%	0%	210000	280000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	LOCK-DAM SEEP	3/4/2020	3%	76%	13%	4%	1%	0%	3%	1%	0%	0%	170000	210000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-A	7/29/2020	11%	49%	17%	6%	4%	1%	8%	3%	1%	1%	170000	250000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-4	2/2/2019	3%	70%	15%	4%	1%	1%	4%	1%	0%	0%	150000	200000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-3	2/2/2019	3%	69%	16%	5%	1%	1%	4%	1%	0%	0%	120000	160000

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Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-D	7/29/2020	10%	62%	17%	4%	1%	0%	4%	1%	0%	0%	120000	150000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-2L	2/2/2019	4%	67%	16%	5%	1%	1%	4%	1%	0%	0%	110000	150000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-A-2	2/7/2019	14%	36%	19%	7%	4%	2%	10%	4%	1%	2%	110000	190000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-A-3	2/7/2019	7%	40%	21%	8%	4%	3%	10%	4%	1%	3%	100000	170000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-2	2/1/2019	5%	65%	17%	5%	1%	1%	5%	1%	0%	0%	95000	130000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-1	2/1/2019	4%	66%	17%	5%	1%	1%	4%	2%	0%	0%	93000	130000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-A-1	2/7/2019	6%	38%	21%	7%	4%	4%	12%	4%	1%	3%	91000	160000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	SEEP-A-4	2/7/2019	13%	31%	20%	6%	3%	3%	17%	7%	1%	1%	82000	140000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	OLDOF-5K	2/2/2019	15%	42%	15%	4%	4%	1%	13%	4%	1%	0%	30000	43000
Combined Process Water - Predominant PFMOAA	Onsite	Surface Water	WC-1	7/29/2020	19%	27%	19%	3%	1%	0%	24%	5%	1%	0%	1300	1800
Combined Process Water - Predominant PFMOAA	Offsite	Surface Water	CFR-BLADEN	7/28/2020	14%	39%	21%	5%	0%	0%	21%	0%	0%	0%	73	99
Combined Process Water - Predominant PFMOAA	Offsite	Surface Water	CFR-TARHEEL	7/29/2020	15%	57%	22%	6%	0%	0%	0%	0%	0%	0%	68	94
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	NAF-02	7/27/2020	9%	56%	18%	6%	4%	4%	1%	1%	0%	0%	1800000	2700000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-06B	8/5/2020	2%	72%	14%	3%	0%	0%	6%	1%	0%	1%	1200000	1500000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-11	8/6/2020	4%	70%	11%	3%	0%	0%	10%	0%	0%	0%	990000	1200000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-24	7/24/2020	2%	79%	13%	4%	1%	0%	1%	0%	0%	0%	770000	940000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-03B	8/4/2020	3%	68%	13%	3%	0%	0%	10%	2%	0%	1%	630000	780000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	NAF-06	8/5/2020	8%	48%	19%	8%	4%	4%	3%	1%	2%	4%	620000	1100000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-8D	7/22/2020	7%	59%	20%	8%	2%	0%	3%	1%	0%	0%	410000	590000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-05P	8/14/2020	5%	70%	14%	4%	0%	0%	6%	1%	0%	0%	410000	500000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-08B	8/4/2020	3%	66%	12%	5%	4%	3%	2%	0%	2%	2%	380000	530000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-9D	7/15/2020	6%	68%	16%	5%	1%	0%	4%	1%	0%	0%	260000	340000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-27	7/20/2020	3%	72%	17%	4%	2%	0%	2%	1%	0%	0%	240000	320000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-13D	7/24/2020	13%	53%	18%	5%	2%	0%	6%	1%	1%	0%	220000	300000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-22	7/16/2020	4%	77%	15%	2%	0%	0%	2%	0%	0%	0%	220000	260000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	LTW-05	7/22/2020	6%	69%	17%	5%	1%	0%	2%	0%	0%	0%	210000	280000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-7D	7/22/2020	4%	79%	14%	2%	0%	0%	2%	0%	0%	0%	200000	240000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	LTW-03	7/23/2020	4%	74%	14%	2%	0%	0%	4%	1%	0%	0%	190000	230000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-6S	7/23/2020	6%	72%	15%	2%	0%	0%	4%	1%	0%	0%	190000	230000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-10R	7/22/2020	3%	79%	14%	1%	0%	0%	3%	0%	0%	0%	170000	200000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	LTW-04	7/23/2020	11%	52%	17%	3%	0%	0%	12%	4%	0%	0%	140000	190000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-11	7/23/2020	6%	61%	14%	8%	6%	1%	3%	1%	0%	0%	130000	180000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-14	7/21/2020	12%	48%	18%	7%	3%	2%	8%	2%	1%	0%	130000	190000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-9S	7/16/2020	4%	69%	16%	5%	1%	0%	3%	1%	0%	0%	120000	160000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	BCA-01	7/13/2020	5%	58%	25%	3%	2%	0%	6%	1%	0%	0%	88000	130000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	LTW-01	7/16/2020	16%	31%	23%	5%	1%	0%	18%	5%	0%	0%	84000	130000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-7S	7/22/2020	21%	31%	17%	6%	1%	0%	17%	6%	0%	0%	80000	110000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-15R	7/17/2020	9%	48%	9%	15%	3%	0%	5%	7%	0%	2%	74000	120000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-10DR	7/15/2020	15%	42%	20%	7%	1%	0%	11%	3%	0%	0%	68000	100000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-14D	7/9/2020	17%	68%	11%	3%	0%	0%	0%	0%	0%	0%	64000	75000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	BCA-03R	7/9/2020	19%	59%	12%	3%	0%	0%	5%	1%	0%	0%	58000	69000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	BCA-02	7/16/2020	15%	47%	16%	7%	4%	1%	7%	2%	1%	0%	57000	82000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-31	7/22/2020	4%	66%	15%	4%	1%	1%	5%	2%	1%	0%	54000	71000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-34	7/15/2020	8%	57%	15%	4%	2%	0%	9%	3%	1%	0%	54000	72000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-32	7/15/2020	4%	72%	15%	4%	1%	0%	2%	1%	1%	1%	53000	68000

TABLE A1
PFAS SIGNATURES FOR ON AND OFFSITE GROUNDWATER AND SURFACE WATER LOCATIONS
Chemours, Fayetteville Works, North Carolina

Final Category	Area	Media	Location ID	Sample Date	HFPO-DA	PFMOAA	PFO2HxA	PFO3OA	PFO4DA	PFO5DA	PMPA	PEPA	Hydro-PS Acid	PS Acid	Total 3 Indicator PFAS (ng/L)	Total CO Attachment C PFAS (ng/L)
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	LTW-02	7/17/2020	10%	53%	22%	4%	0%	0%	9%	2%	0%	0%	49000	68000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	NAF-08B	8/14/2020	13%	62%	15%	3%	0%	0%	5%	1%	0%	0%	49000	61000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-04B	8/5/2020	18%	58%	12%	3%	1%	0%	7%	1%	0%	0%	47000	57000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-12	7/23/2020	12%	57%	13%	3%	1%	0%	5%	1%	1%	6%	44000	59000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-33	7/15/2020	5%	68%	16%	4%	1%	0%	4%	1%	1%	0%	41000	53000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-1S	7/21/2020	18%	32%	18%	3%	3%	4%	15%	4%	2%	0%	39000	60000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-33	7/16/2020	3%	72%	15%	3%	1%	0%	3%	1%	1%	0%	39000	50000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-34	7/14/2020	0%	94%	2%	0%	0%	0%	4%	0%	0%	0%	39000	39000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-02	7/14/2020	14%	44%	20%	5%	3%	3%	8%	2%	1%	0%	36000	54000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-15DRR	7/16/2020	5%	65%	13%	2%	1%	0%	7%	2%	1%	4%	33000	43000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-1D	7/14/2020	18%	32%	20%	4%	1%	0%	19%	5%	0%	0%	33000	47000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PW-01	7/24/2020	12%	50%	19%	4%	3%	1%	6%	2%	1%	1%	33000	48000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-31	7/14/2020	4%	63%	16%	5%	2%	2%	5%	2%	1%	0%	30000	42000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-15	10/2/2020	21%	31%	17%	3%	0%	0%	21%	7%	0%	0%	28000	38000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-2D	8/10/2020	7%	72%	16%	1%	0%	0%	4%	0%	0%	0%	23000	28000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-35	7/15/2020	0%	93%	1%	0%	0%	0%	6%	0%	0%	0%	20000	20000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-36	7/16/2020	0%	81%	1%	0%	0%	0%	17%	0%	0%	0%	16000	16000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-20D	7/20/2020	12%	53%	16%	3%	1%	0%	13%	3%	0%	0%	14000	18000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-29	7/21/2020	11%	63%	14%	4%	1%	1%	0%	1%	2%	4%	11000	15000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	MW-16D	7/9/2020	9%	50%	11%	3%	1%	0%	11%	2%	1%	11%	9900	14000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	SMW-12	7/15/2020	16%	50%	15%	1%	0%	0%	17%	3%	0%	0%	8400	10000
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-27	7/21/2020	7%	68%	15%	4%	2%	0%	0%	2%	2%	1%	6000	7900
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PZ-32	7/21/2020	12%	48%	13%	4%	2%	3%	10%	4%	3%	0%	5900	8300
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-11	9/29/2020	20%	38%	21%	2%	0%	0%	18%	2%	0%	0%	1100	1400
Combined Process Water - Predominant PFMOAA	Onsite	Groundwater	PIW-4D	7/17/2020	0%	80%	20%	0%	0%	0%	0%	0%	0%	0%	14	18
Insufficient Data	Offsite	Groundwater	CUMBERLAND-5S	7/8/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	5.3	5.3
Insufficient Data	Offsite	Drinking Water	Private Residence	1/24/2018	3%	45%	22%	7%	5%	1%	16%	0%	2%	0%	470	740
Insufficient Data	Offsite	Drinking Water	Private Residence	1/29/2021	3%	45%	22%	3%	0%	0%	25%	2%	0%	0%	81	110
Insufficient Data	Offsite	Drinking Water	Private Residence	8/17/2020	10%	39%	8%	3%	0%	0%	28%	5%	3%	3%	59	76
Insufficient Data	Offsite	Drinking Water	Private Residence	11/19/2020	14%	36%	17%	0%	0%	0%	33%	0%	0%	0%	35	42
Insufficient Data	Offsite	Drinking Water	Private Residence	1/29/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	16	16
Insufficient Data	Offsite	Drinking Water	Private Residence	8/19/2020	0%	84%	16%	0%	0%	0%	0%	0%	0%	0%	14	17
Insufficient Data	Offsite	Drinking Water	Private Residence	6/11/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	10	10
Insufficient Data	Offsite	Drinking Water	Private Residence	8/13/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	6.1	6.1
Insufficient Data	Offsite	Drinking Water	Private Residence	11/19/2019	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	5.3	5.3
Insufficient Data	Offsite	Drinking Water	Private Residence	2/24/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	5	5
Insufficient Data	Offsite	Drinking Water	Private Residence	9/10/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	4.3	4.3
Insufficient Data	Offsite	Drinking Water	Private Residence	7/13/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	3.9	3.9
Insufficient Data	Offsite	Drinking Water	Private Residence	8/18/2020	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	3.1	3.1

Notes:

CO - Consent Order

ng/L - nanograms per liter

CO Attachment C PFAS reported as a percentage of Total CO Attachment C PFAS.

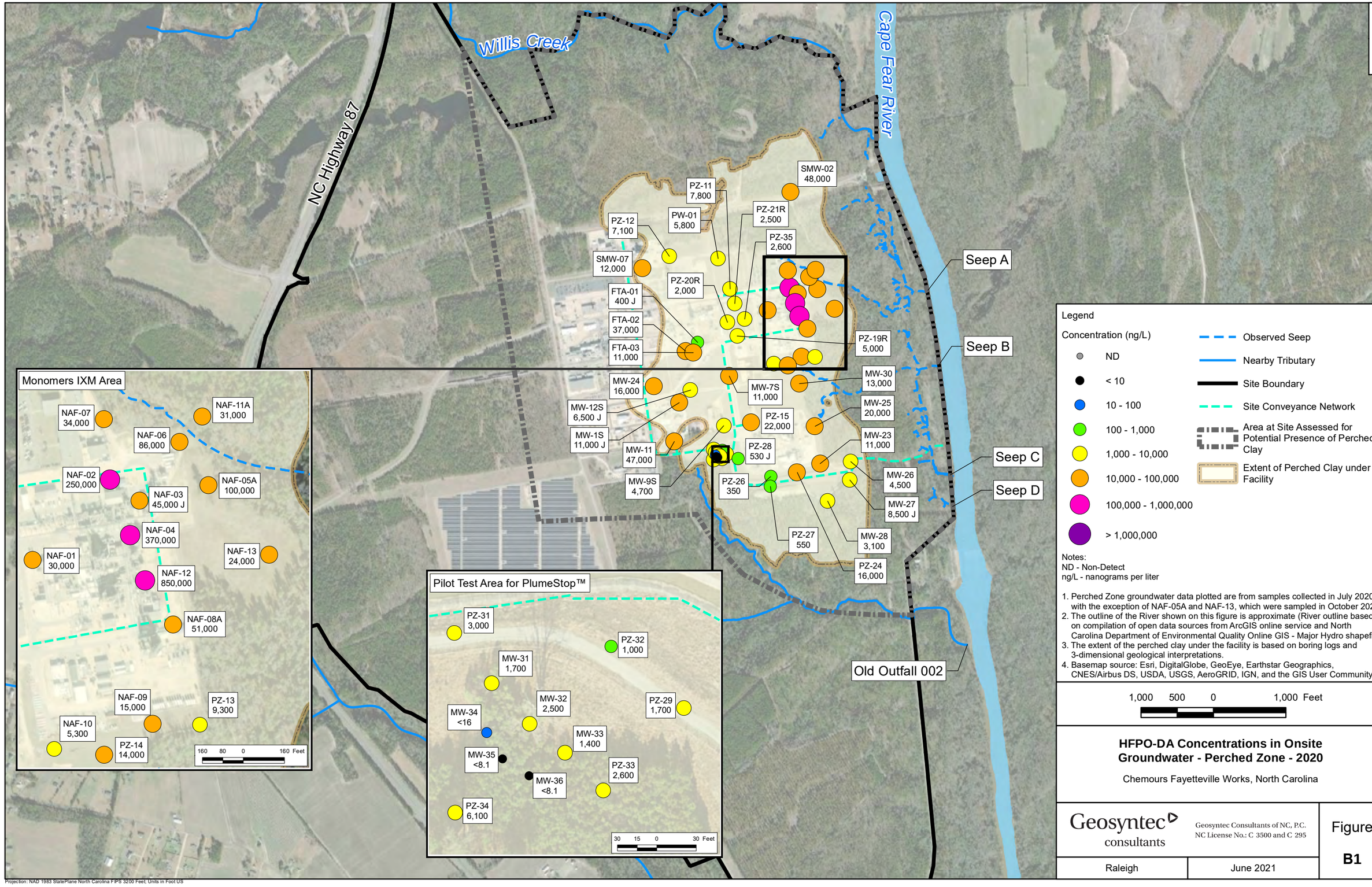
3 Indicator PFAS are HFPO-DA, PFMOAA, and PMPA.

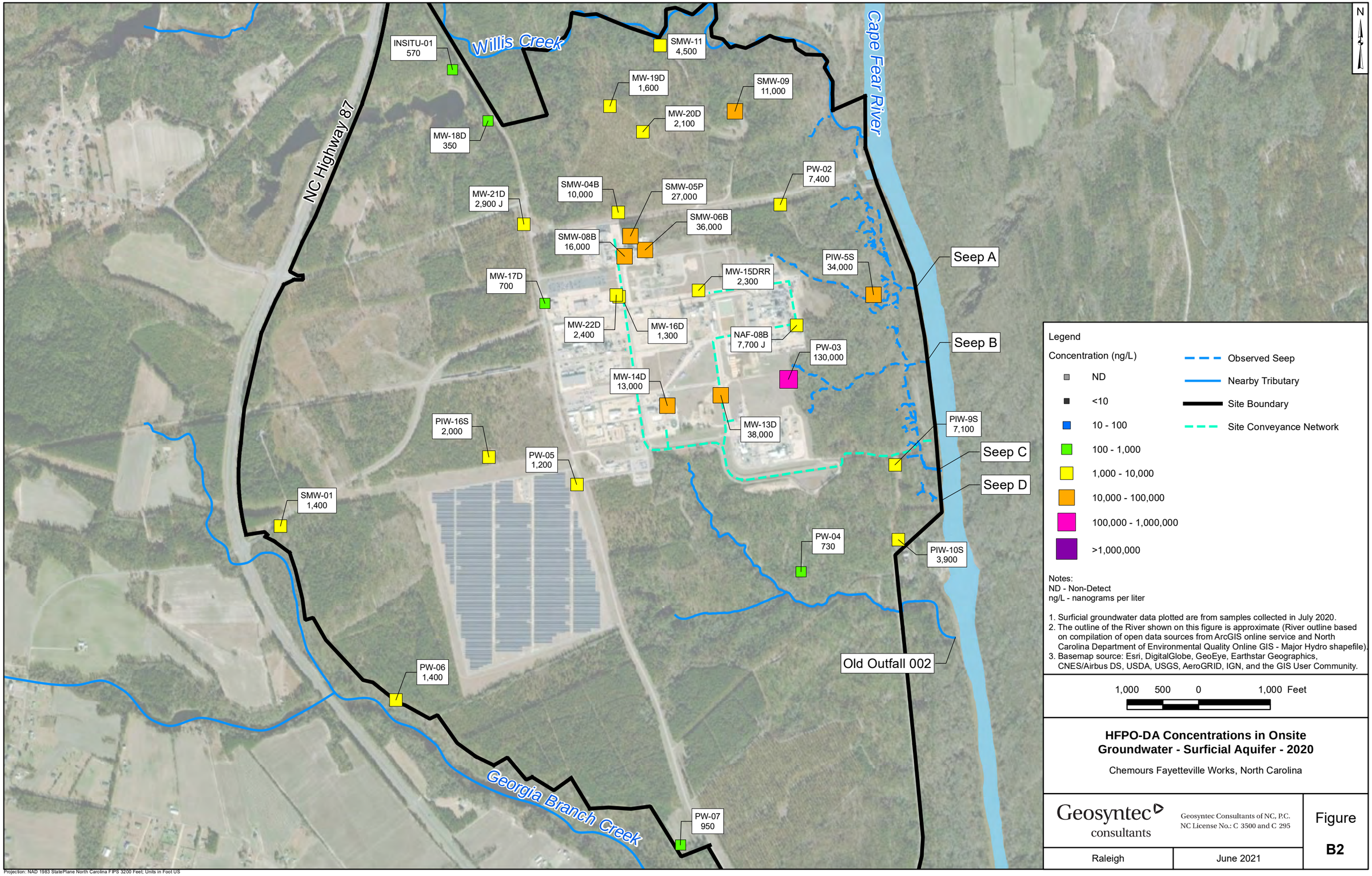
Insufficient Data - Anomalous groundwater and drinking water samples assigned to cluster 4 initially are not classified due to insufficient data.

PFAS - per- and polyfluoroalkyl substances

Attachment B

Onsite Groundwater Concentration Maps


Willis Creek
NC Highway 87
Cape Fear River
N
SMW-02 48,000
PZ-11 7,800
PW-01 5,800
PZ-21R 2,500
PZ-12 7,100
PZ-35 2,600
SMW-07 12,000
PZ-20R 2,000
FTA-01 400 J
FTA-02 37,000
FTA-03 11,000
PZ-19R 5,000
Seep A
Seep B
MW-24 16,000
MW-12S 6,500 J
MW-1S 11,000 J
MW-11 47,000
MW-9S 4,700
MW-7S 11,000
PZ-15 22,000
PZ-28 530 J
PZ-26 350
MW-30 13,000
MW-25 20,000
MW-23 11,000
MW-26 4,500
MW-27 8,500 J
MW-28 3,100
PZ-27 550
PZ-24 16,000
Seep C
Seep D
Old Outfall 002
Monomers IXM Area
NAF-07 34,000
NAF-11A 31,000
NAF-06 86,000
NAF-02 250,000
NAF-05A 100,000
NAF-03 45,000 J
NAF-04 370,000
NAF-01 30,000
NAF-13 24,000
NAF-12 850,000
NAF-08A 51,000
NAF-09 15,000
PZ-13 9,300
NAF-10 5,300
PZ-14 14,000
160 80 0 160 Feet
Pilot Test Area for PlumeStop™
PZ-31 3,000
PZ-32 1,000
MW-31 1,700
MW-32 2,500
PZ-29 1,700
MW-34 <16
MW-33 1,400
MW-35 <8.1
PZ-33 2,600
MW-36 <8.1
PZ-34 6,100
30 15 0 30 Feet
Legend
Concentration (ng/L)
ND
< 10
10 - 100
100 - 1,000
1,000 - 10,000
10,000 - 100,000
100,000 - 1,000,000
> 1,000,000
Observed Seep
Nearby Tributary
Site Boundary
Site Conveyance Network
Area at Site Assessed for Potential Presence of Perched Clay
Extent of Perched Clay under Facility
Notes:
ND - Non-Detect
ng/L - nanograms per liter
1. Perched Zone groundwater data plotted are from samples collected in July 2020, with the exception of NAF-05A and NAF-13, which were sampled in October 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. The extent of the perched clay under the facility is based on boring logs and 3-dimensional geological interpretations.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
1,000 500 0 1,000 Feet
HFPO-DA Concentrations in Onsite Groundwater - Perched Zone - 2020
Chemours Fayetteville Works, North Carolina
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295
Figure
B1
Raleigh
June 2021
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Surficial groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

HFPO-DA Concentrations in Onsite Groundwater - Surficial Aquifer - 2020

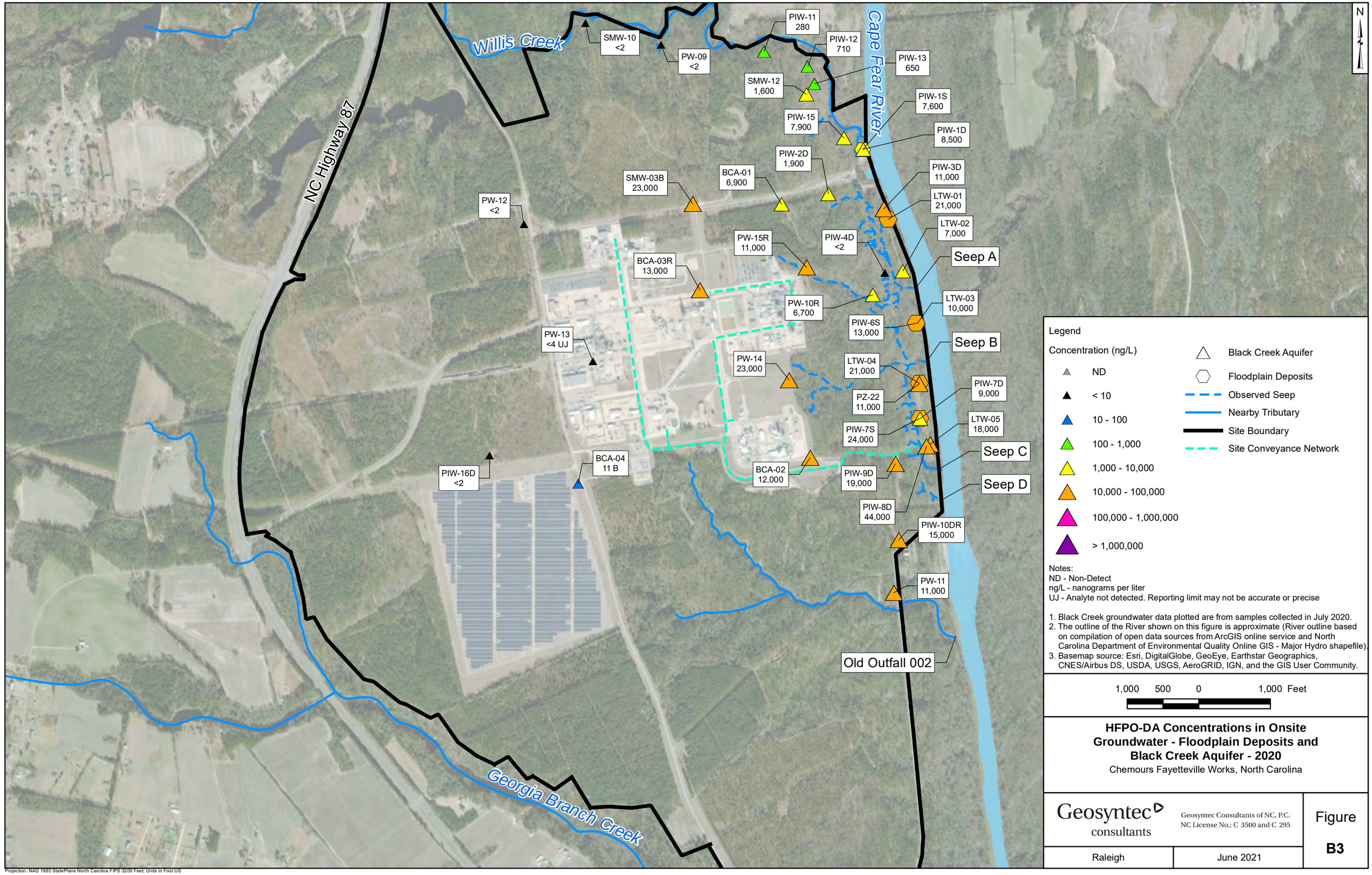
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | June 2021

Figure B2



Notes:
ND - Non-Detect
ng/L - nanograms per liter
UJ - Analyte not detected. Reporting limit may not be accurate or precise

1. Black Creek groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

HFPO-DA Concentrations in Onsite Groundwater - Floodplain Deposits and Black Creek Aquifer - 2020

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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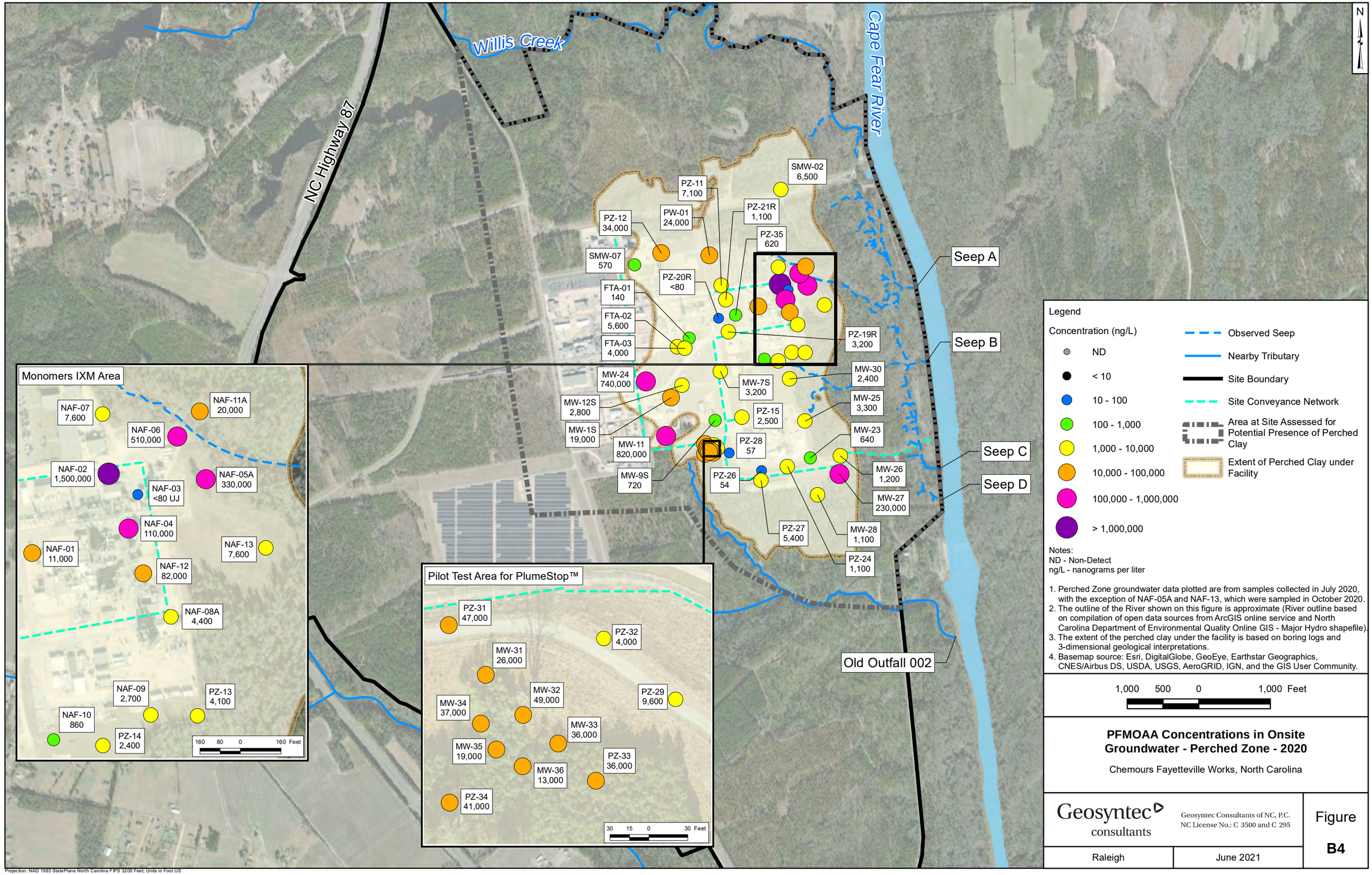
Raleigh | June 2021

Figure **B3**



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Perched Zone groundwater data plotted are from samples collected in July 2020, with the exception of NAF-05A and NAF-13, which were sampled in October 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. The extent of the perched clay under the facility is based on boring logs and 3-dimensional geological interpretations.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

PFMOAA Concentrations in Onsite Groundwater - Perched Zone - 2020

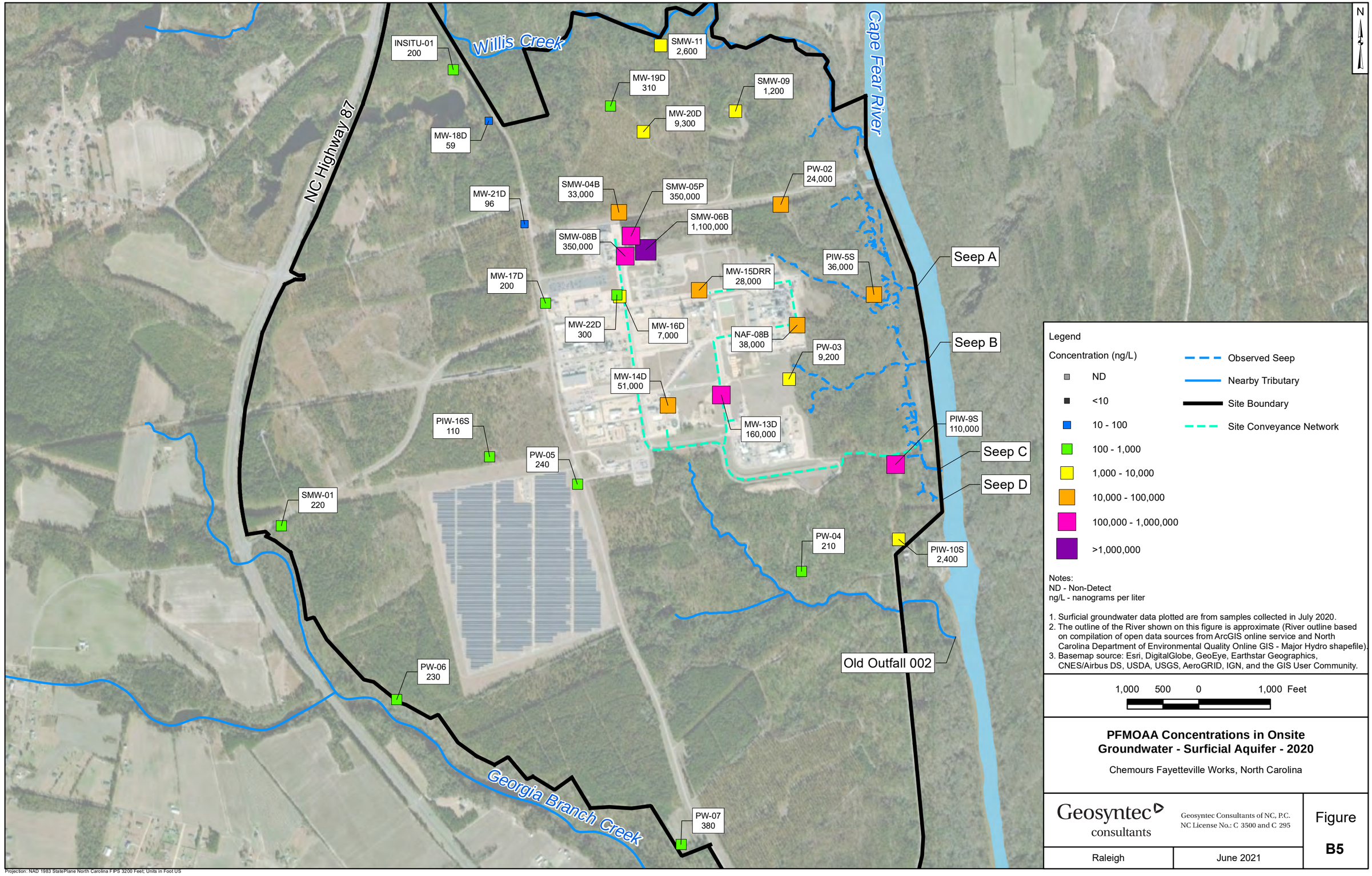
Chemours Fayetteville Works, North Carolina

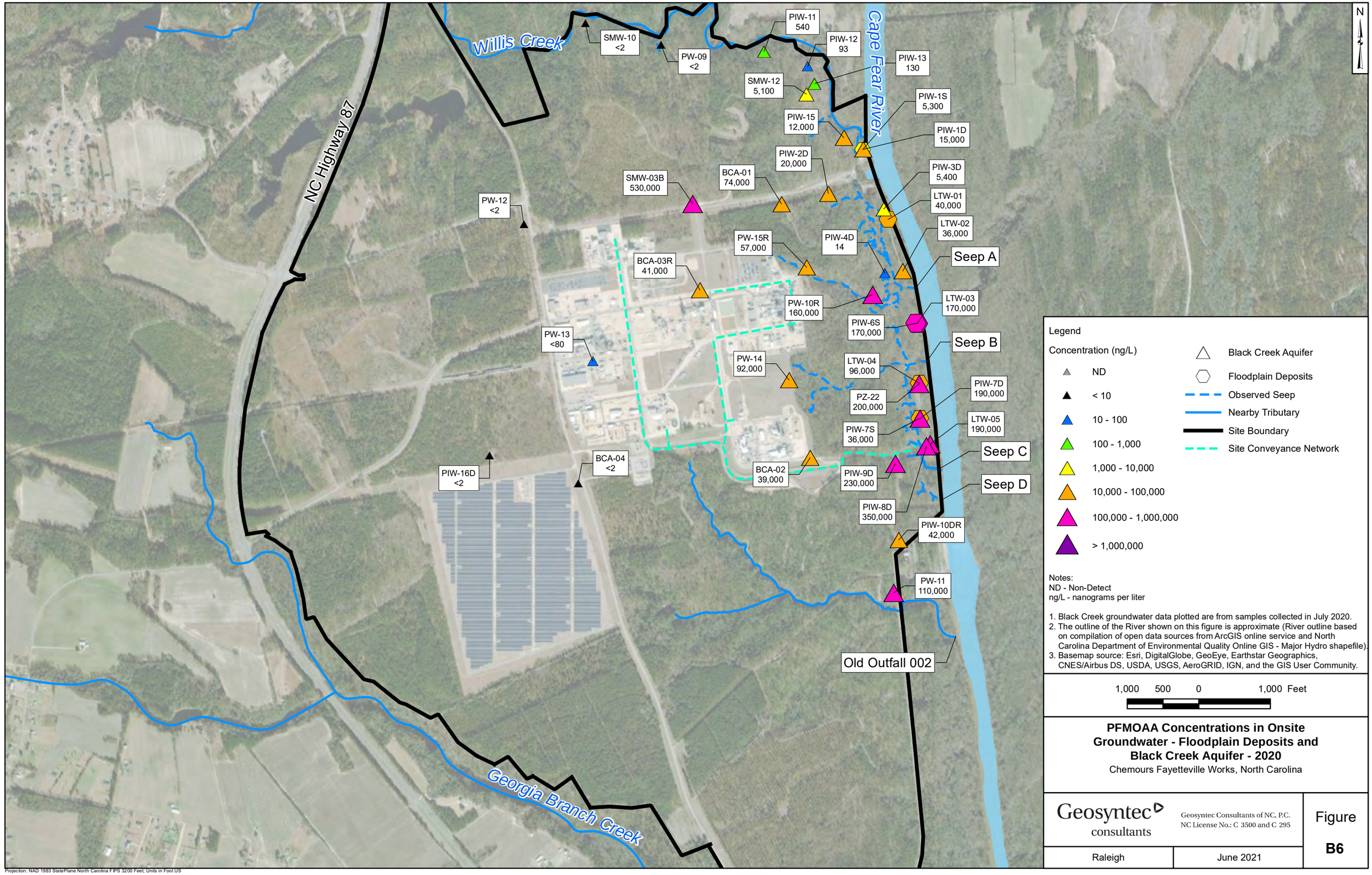
Geosyntec consultants

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

Raleigh | June 2021

Figure **B4**


Willis Creek
Cape Fear River
NC Highway 87
Georgia Branch Creek
INSITU-01
200
SMW-11
2,600
MW-19D
310
SMW-09
1,200
MW-20D
9,300
MW-18D
59
PW-02
24,000
SMW-04B
33,000
SMW-05P
350,000
MW-21D
96
SMW-06B
1,100,000
SMW-08B
350,000
PIW-5S
36,000
Seep A
MW-17D
200
MW-15DRR
28,000
MW-22D
300
MW-16D
7,000
NAF-08B
38,000
Seep B
PW-03
9,200
MW-14D
51,000
MW-13D
160,000
PIW-16S
110
PW-05
240
PIW-9S
110,000
Seep C
Seep D
SMW-01
220
PW-04
210
PIW-10S
2,400
Old Outfall 002
PW-06
230
PW-07
380
N
Legend
Concentration (ng/L)
ND
<10
10 - 100
100 - 1,000
1,000 - 10,000
10,000 - 100,000
100,000 - 1,000,000
>1,000,000
Observed Seep
Nearby Tributary
Site Boundary
Site Conveyance Network
Notes:
ND - Non-Detect
ng/L - nanograms per liter
1. Surficial groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
1,000 500 0 1,000 Feet
PFMOAA Concentrations in Onsite Groundwater - Surficial Aquifer - 2020
Chemours Fayetteville Works, North Carolina
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295
Figure
B5
Raleigh
June 2021
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Black Creek groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

PFMOAA Concentrations in Onsite Groundwater - Floodplain Deposits and Black Creek Aquifer - 2020

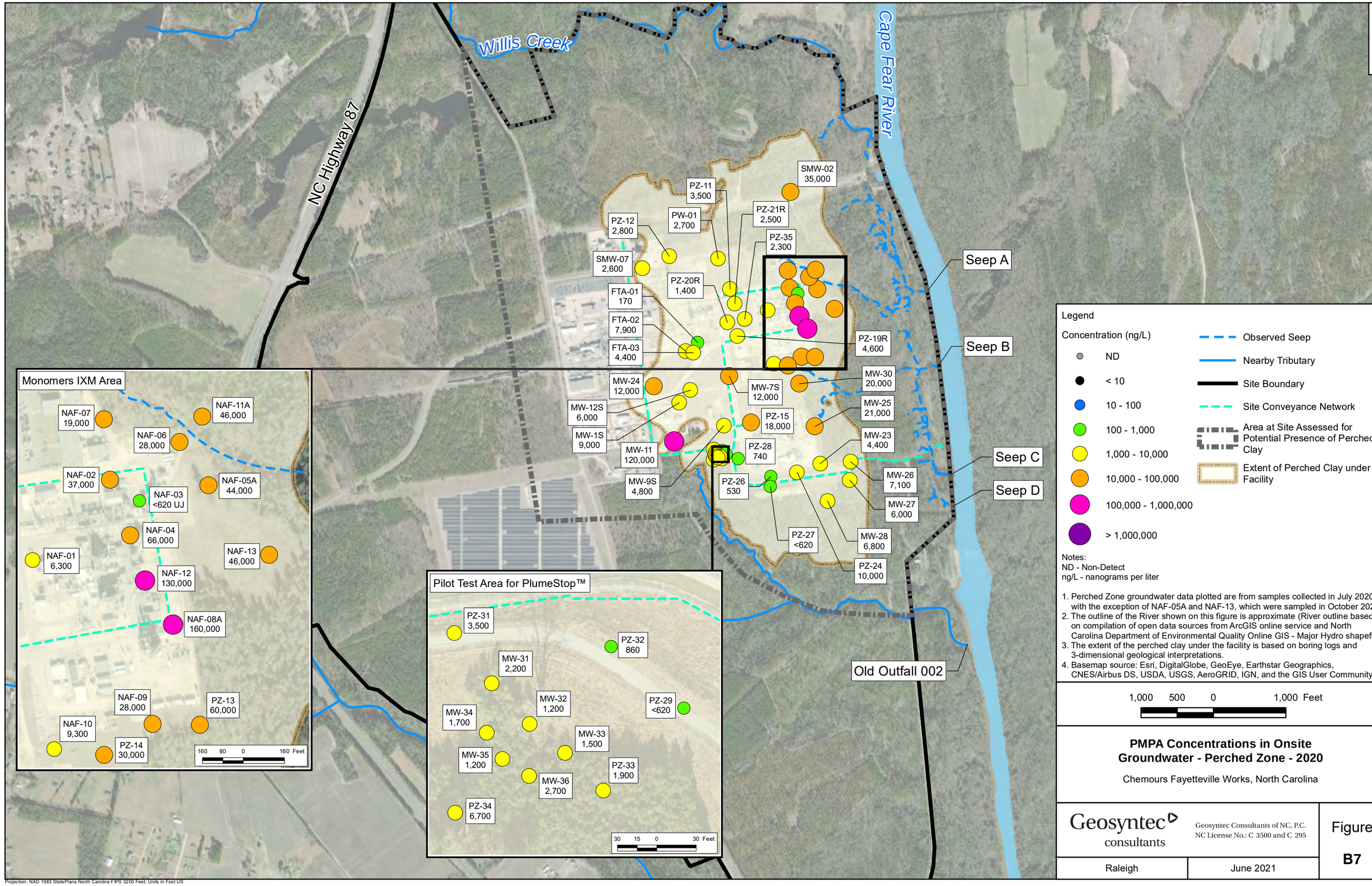
Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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

Raleigh | June 2021

Figure **B6**



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Perched Zone groundwater data plotted are from samples collected in July 2020, with the exception of NAF-05A and NAF-13, which were sampled in October 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. The extent of the perched clay under the facility is based on boring logs and 3-dimensional geological interpretations.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

PMPA Concentrations in Onsite Groundwater - Perched Zone - 2020

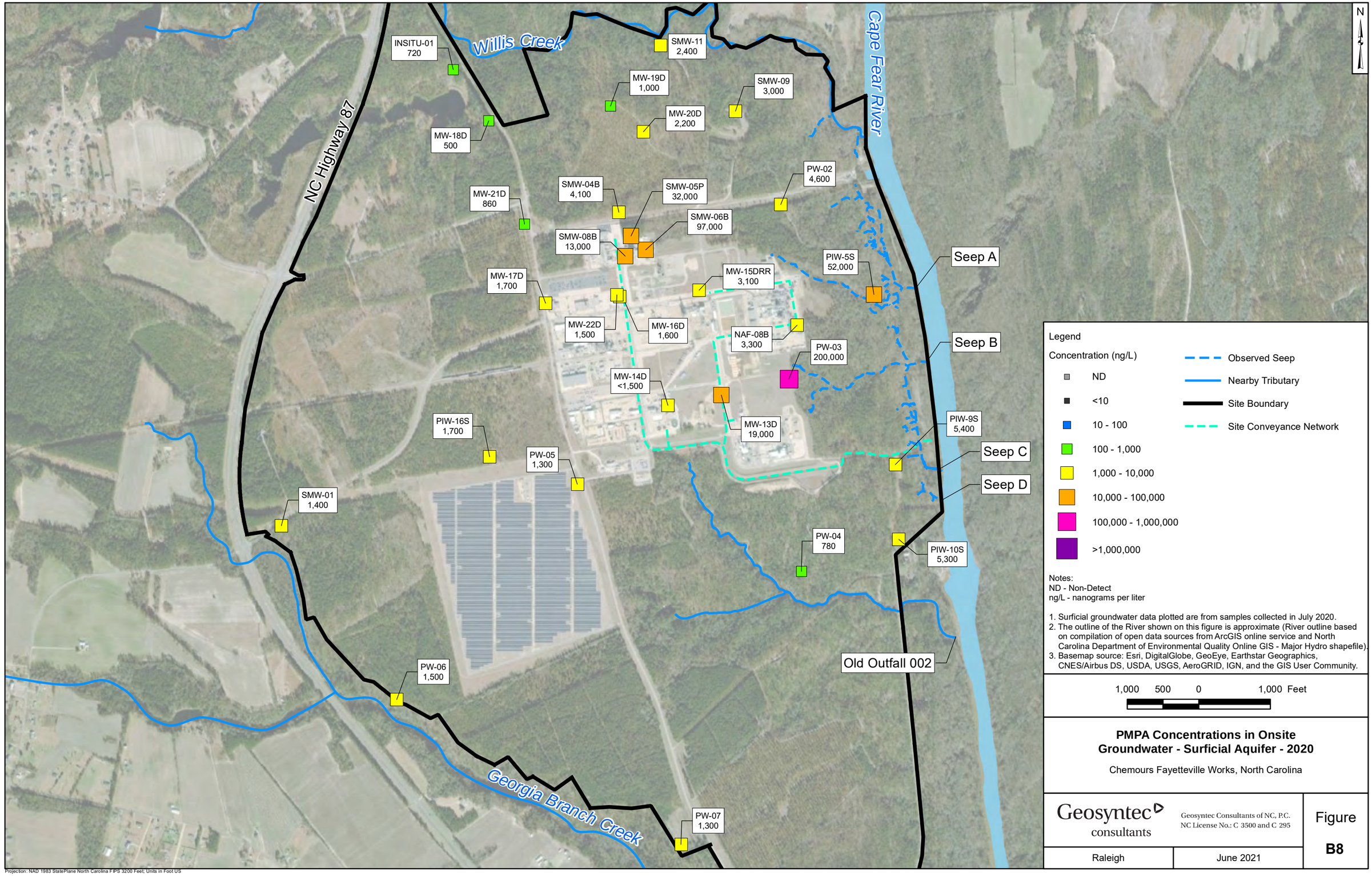
Chemours Fayetteville Works, North Carolina

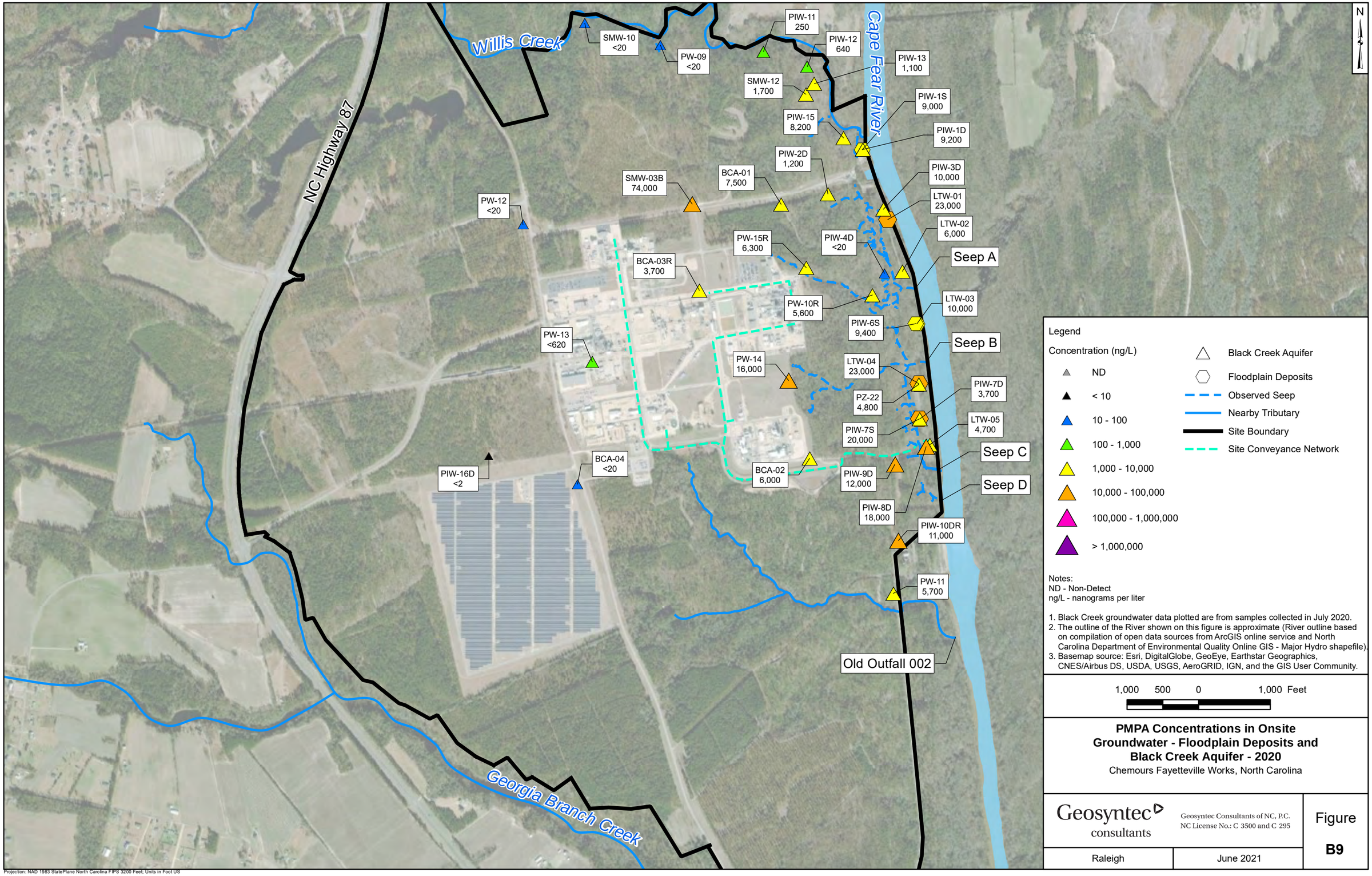
Geosyntec consultants

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

Raleigh | June 2021

Figure B7


INSITU-01
720
Willis Creek
SMW-11
2,400
MW-19D
1,000
SMW-09
3,000
MW-20D
2,200
MW-18D
500
NC Highway 87
Cape Fear River
PW-02
4,600
MW-21D
860
SMW-04B
4,100
SMW-05P
32,000
SMW-06B
97,000
SMW-08B
13,000
PIW-5S
52,000
Seep A
MW-17D
1,700
MW-15DRR
3,100
MW-22D
1,500
MW-16D
1,600
NAF-08B
3,300
Seep B
PW-03
200,000
MW-14D
<1,500
MW-13D
19,000
PIW-16S
1,700
PIW-9S
5,400
Seep C
PW-05
1,300
Seep D
SMW-01
1,400
PW-04
780
PIW-10S
5,300
Old Outfall 002
PW-06
1,500
Georgia Branch Creek
PW-07
1,300
N
Legend
Concentration (ng/L)
ND
<10
10 - 100
100 - 1,000
1,000 - 10,000
10,000 - 100,000
100,000 - 1,000,000
>1,000,000
Observed Seep
Nearby Tributary
Site Boundary
Site Conveyance Network
Notes:
ND - Non-Detect
ng/L - nanograms per liter
1. Surficial groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.
1,000 500 0 1,000 Feet
PMPA Concentrations in Onsite Groundwater - Surficial Aquifer - 2020
Chemours Fayetteville Works, North Carolina
Geosyntec consultants
Geosyntec Consultants of NC, P.C.
NC License No.: C 3500 and C 295
Figure
B8
Raleigh
June 2021
Projection: NAD 1983 StatePlane North Carolina FIPS 3200 Feet; Units in Foot US



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Black Creek groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

PMPA Concentrations in Onsite Groundwater - Floodplain Deposits and Black Creek Aquifer - 2020

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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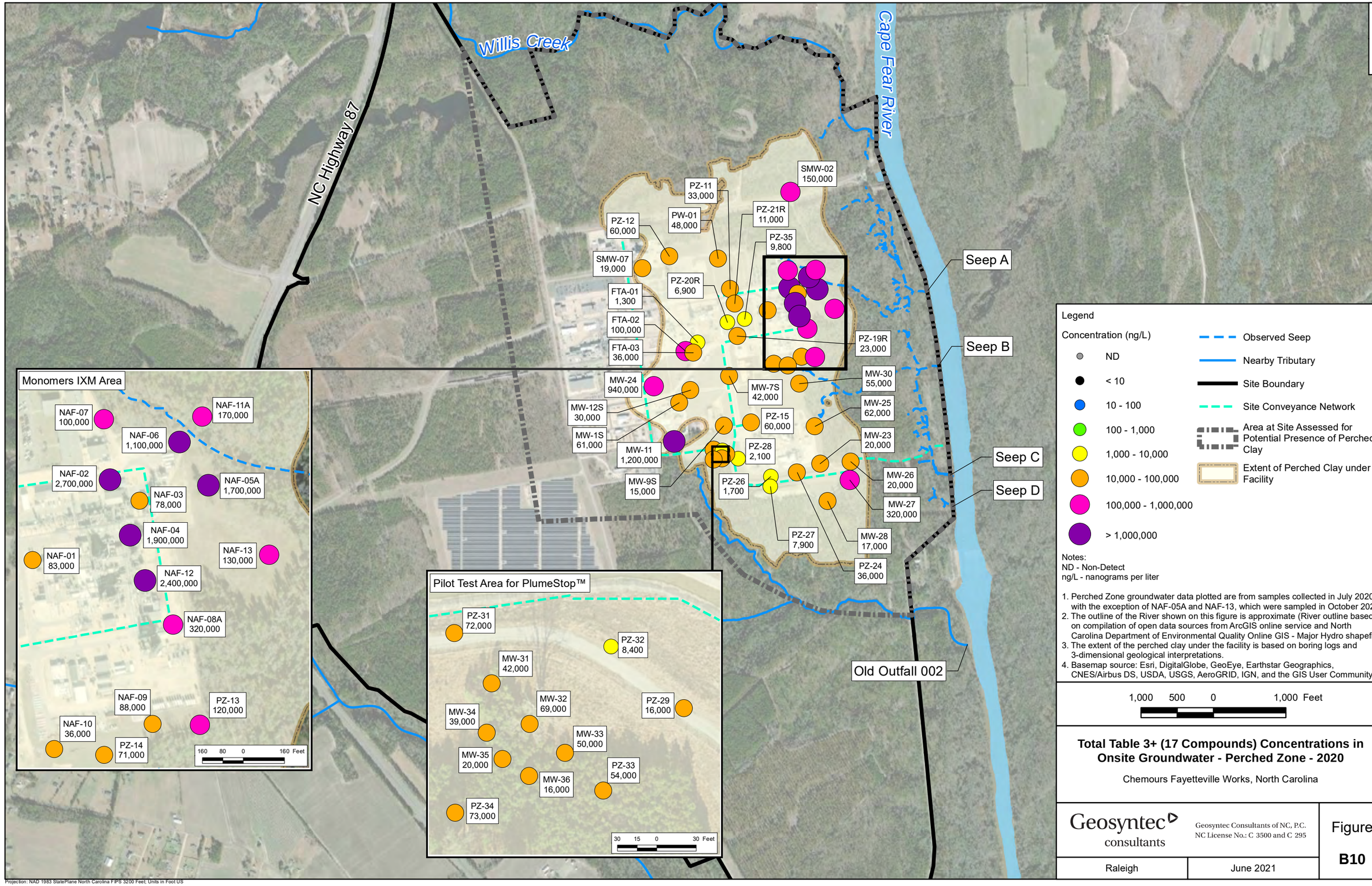
Raleigh | June 2021

Figure **B9**



Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Perched Zone groundwater data plotted are from samples collected in July 2020, with the exception of NAF-05A and NAF-13, which were sampled in October 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. The extent of the perched clay under the facility is based on boring logs and 3-dimensional geological interpretations.
4. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Total Table 3+ (17 Compounds) Concentrations in Onsite Groundwater - Perched Zone - 2020

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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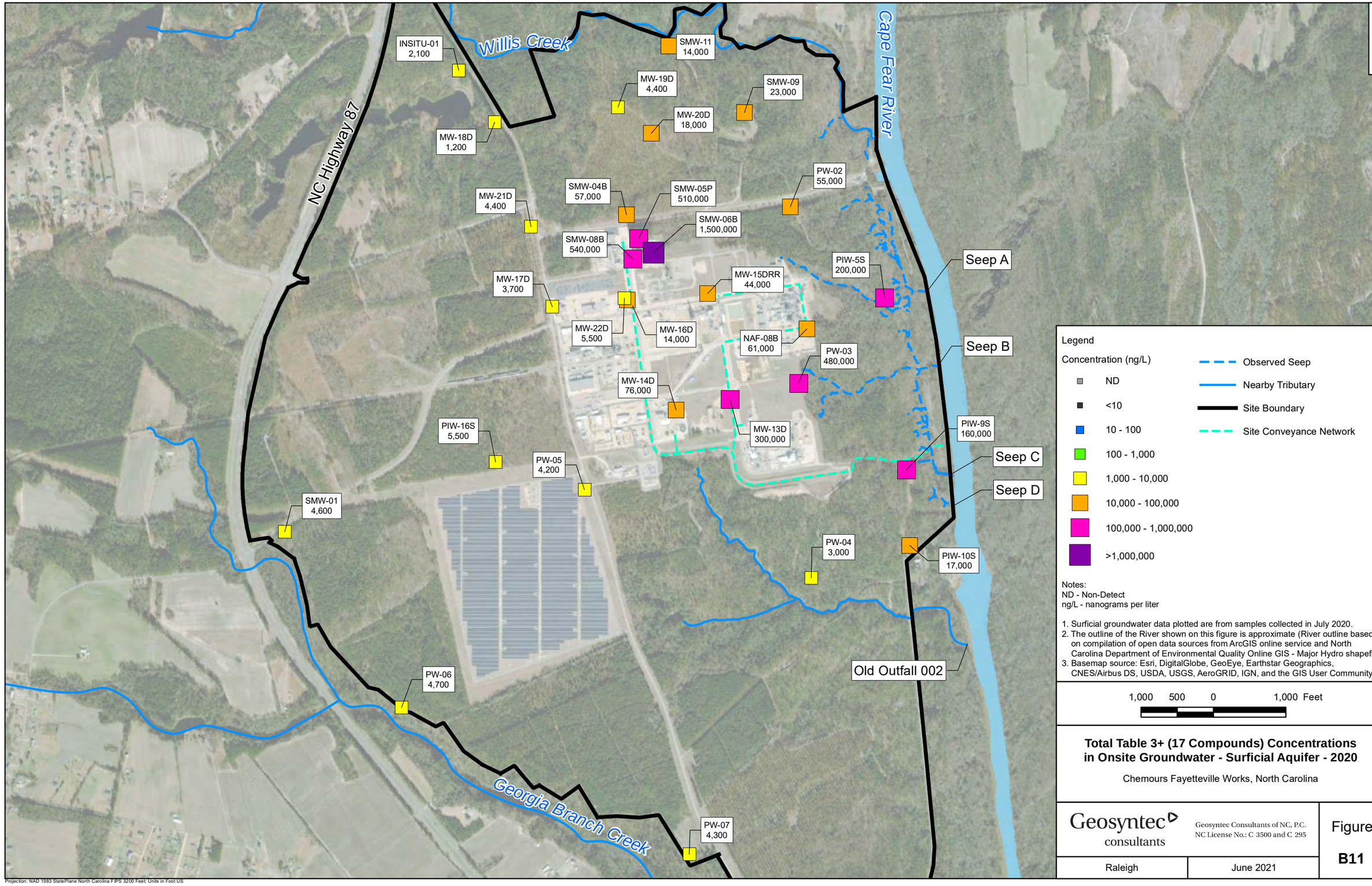
Figure B10

Raleigh | June 2021



Legend

Concentration (ng/L)

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

- Observed Seep
- Nearby Tributary
- Site Boundary
- Site Conveyance Network

Notes:
ND - Non-Detect
ng/L - nanograms per liter

1. Surficial groundwater data plotted are from samples collected in July 2020.
2. The outline of the River shown on this figure is approximate (River outline based on compilation of open data sources from ArcGIS online service and North Carolina Department of Environmental Quality Online GIS - Major Hydro shapefile).
3. Basemap source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

1,000 500 0 1,000 Feet

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

Total Table 3+ (17 Compounds) Concentrations in Onsite Groundwater - Surficial Aquifer - 2020

Chemours Fayetteville Works, North Carolina

Geosyntec consultants

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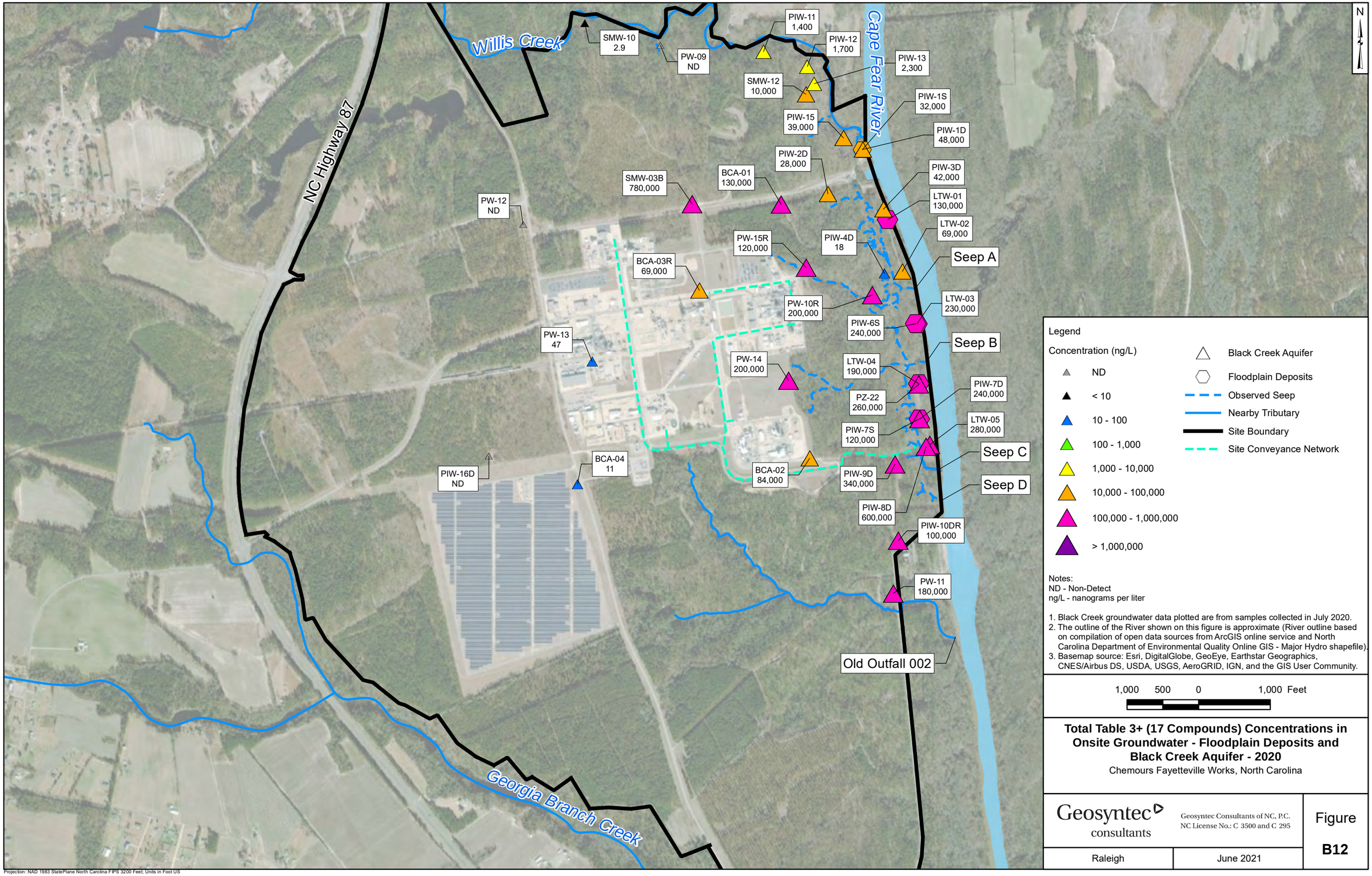
Raleigh | June 2021

Figure **B11**



Total Table 3+ (17 Compounds) Concentrations in Onsite Groundwater - Floodplain Deposits and Black Creek Aquifer - 2020

Chemours Fayetteville Works, North Carolina

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

Geosyntec consultants

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Figure **B12**

Attachment C

Onsite Soil and Soil Leachate PFAS Data

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SSBX-01(0-2)081617	SSBX-02(0-2)081617	SSBX-03(0-2)081617	SSBX-04(0-2)081617	SSBX-05(0-2)081617
Location ID	**SSBX-01**	**SSBX-02**	**SSBX-03**	**SSBX-04**	**SSBX-05**
Sample Date	**08/16/2017**	**08/16/2017**	**08/16/2017**	**08/16/2017**	**08/16/2017**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-100432-1**	**280-100432-1**	**280-100432-1**	**280-100432-1**	**280-100432-1**
Lab Sample ID	**280-100432-1**	**280-100432-2**	**280-100432-4**	**280-100432-5**	**280-100432-6**
Table 3+ SOP (ng/kg)					
HFPO-DA	<1,300	<1,300	**1,900**	**4,400**	**12,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SSBX-06(0-2)081617	SSBX-07(0-2)081617	SSBX-08(0-2)081617	SSBX-09(0-2)081617	SSBX-09-D-(0-2)081617
Location ID	**SSBX-06**	**SSBX-07**	**SSBX-08**	**SSBX-09**	**SSBX-09**
Sample Date	**08/16/2017**	**08/16/2017**	**08/16/2017**	**08/16/2017**	**08/16/2017**
QA/QC					**Field Duplicate**
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-100432-1**	**280-100432-1**	**280-100432-1**	**280-100432-1**	**280-100432-1**
Lab Sample ID	**280-100432-7**	**280-100432-8**	**280-100432-9**	**280-100432-10**	**280-100432-11**
Table 3+ SOP (ng/kg)					
HFPO-DA	<1,300	<1,300	**24,000**	**3,400 J**	**6,700 J**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SSBX-10(0-2)081717	SSBX-11(0-2)081717	SSBX-12(0-2)081717	SSBX-13(0-2)081717	FAY-SSASI-SB-05
Location ID	**SSBX-10**	**SSBX-11**	**SSBX-12**	**SSBX-13**	**SSASI-SB-05**
Sample Date	**08/17/2017**	**08/17/2017**	**08/17/2017**	**08/17/2017**	**11/27/2017**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-100432-1**	**280-100432-1**	**280-100432-1**	**280-100432-1**	**320-33820-2**
Lab Sample ID	**280-100432-13**	**280-100432-14**	**280-100432-15**	**280-100432-16**	**320-33820-5**
Table 3+ SOP (ng/kg)					
HFPO-DA	**5,400**	**7,400**	<1,300	**18,000**	**39,000 J**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	<2,000 UJ
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	<2,000 UJ
Perfluorobutane Sulfonic Acid	--	--	--	--	<200 UJ
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	<200 UJ
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	<200 UJ
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	<200 UJ
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	<200 UJ
Perfluorohexanoic Acid	--	--	--	--	**310 J**
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	<200 UJ
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	<200 UJ
Perfluorotetradecanoic Acid	--	--	--	--	<200 UJ
Perfluorotridecanoic Acid	--	--	--	--	<200 UJ
Perfluoroundecanoic Acid	--	--	--	--	**420 J**
PFOA	--	--	--	--	<200 UJ
PFOS	--	--	--	--	<220 UJ

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-10	FAY-SSASI-SB-15	FAY-SSASI-SB-20	FAY-SSASI-SB-25	FAY-SSASI-SB-15-D
Location ID	SSASI-SB-10	SSASI-SB-15	SSASI-SB-20	SSASI-SB-25	SSASI-SB-15
Sample Date	11/28/2017	11/29/2017	11/29/2017	11/29/2017	11/29/2017
QA/QC					Field Duplicate
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	320-33820-2	320-33820-2	320-33820-2	320-33820-2	320-33820-2
Lab Sample ID	320-33820-10	320-33820-15	320-33820-21	320-33820-26	320-33820-16
Table 3+ SOP (ng/kg)					
HFPO-DA	**5,600**	**20,000**	**1,500**	**3,100**	**18,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000 UJ	<2,000
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000 UJ	<2,000
Perfluorobutane Sulfonic Acid	<200	<200	<200	<200 UJ	<200
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	<200	<200	<200	<200 UJ	<200
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<200	**220**	<200	<200 UJ	**320**
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	<200	<200	<200	<200 UJ	<200
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<200	<200	<200	<200 UJ	<200
Perfluorohexanoic Acid	<200	<200	<200	<200 UJ	<200
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	<200	<200	<200	<200 UJ	<200
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	<200	**600**	**800 J**	**200 J**	**490**
Perfluorotetradecanoic Acid	<200	<200	<200	<200 UJ	<200
Perfluorotridecanoic Acid	<200	**210**	<200	<200 UJ	**360**
Perfluoroundecanoic Acid	<200	**620**	<200	<200 UJ	**1,000**
PFOA	**520**	<200	**670 J**	<200 UJ	<200
PFOS	**230**	<210	**390 J**	<220 UJ	<210

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-09(4.5-5)	FAY-SSASI-SB-09(9.5-10)	FAY-SSASI-Sb-01(4.5-5)	FAY-SSASI-Sb-01(9.5-10)	FAY-SSASI-Sb-32(0.0-0.5)
Location ID	**SSASI-SB-09**	**SSASI-SB-09**	**SSASI-SB-01**	**SSASI-SB-01**	**SSASI-SB-32**
Sample Date	**11/30/2017**	**11/30/2017**	**12/01/2017**	**12/01/2017**	**12/01/2017**
QA/QC					
Sample Matrix	**Solid**	**Solid**	**Solid**	**Solid**	**SOLID**
Sample Delivery Group (SDG)	**320-33820-2**	**320-33820-2**	**320-33820-2**	**320-33820-2**	**320-33820-2**
Lab Sample ID	**320-33820-34**	**320-33820-35**	**320-33820-36**	**320-33820-37**	**320-33820-38**
Table 3+ SOP (ng/kg)					
HFPO-DA	<1,300	**28,000**	<1,300	<1,300	<1,300
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000 UJ	<2,000 UJ	<2,000 UJ	<2,000 UJ	<2,000
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000 UJ	<2,000 UJ	<2,000 UJ	<2,000 UJ	<2,000
Perfluorobutane Sulfonic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorohexanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	**230**
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorotetradecanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluorotridecanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
Perfluoroundecanoic Acid	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200
PFOA	**230 J**	<200 UJ	<200 UJ	<200 UJ	<200
PFOS	<250 UJ	<220 UJ	<230 UJ	<210 UJ	<230

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-Sb-32(4.5-5)	FAY-SSASI-Sb-32(9.5-10)	FAY-Soil-VES-01	FAY-Soil-VES-02	FAY-Soil-VES-02-D
Location ID	SSASI-SB-32	SSASI-SB-32	SOIL-VES-01	SOIL-VES-02	SOIL-VES-02
Sample Date	12/01/2017	12/01/2017	02/07/2018	02/07/2018	02/07/2018
QA/QC					Field Duplicate
Sample Matrix	Solid	Solid	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	320-33820-2	320-33820-2	280-106340-1	280-106340-1	280-106340-1
Lab Sample ID	320-33820-39	320-33820-40	280-106340-2	280-106340-3	280-106340-4
Table 3+ SOP (ng/kg)					
HFPO-DA	<1,300	<1,300	**24,000**	**3,200**	**3,600**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	--	--	--
Perfluorobutane Sulfonic Acid	<200	<200	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	**210 J**	<200	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<200	<200	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	<200	<200	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<200	<200	--	--	--
Perfluorohexanoic Acid	<200	<200	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	<200	<200	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	**200 J**	<200	--	--	--
Perfluorotetradecanoic Acid	<200	<200	--	--	--
Perfluorotridecanoic Acid	**260 J**	<200	--	--	--
Perfluoroundecanoic Acid	**570 J**	<200	--	--	--
PFOA	<200	<200	--	--	--
PFOS	**230 J**	<250	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-Soil-VES-03	FAY-Soil-VES-04	FAY-Soil-VES-05	FAY-Soil-VES-06	FAY-Soil-VES-07
Location ID	**SOIL-VES-03**	**SOIL-VES-04**	**SOIL-VES-05**	**SOIL-VES-06**	**SOIL-VES-07**
Sample Date	**02/09/2018**	**02/09/2018**	**02/09/2018**	**02/09/2018**	**02/09/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106340-1**	**280-106340-1**	**280-106340-1**	**280-106340-1**	**280-106340-1**
Lab Sample ID	**280-106340-5**	**280-106340-6**	**280-106340-7**	**280-106340-8**	**280-106340-9**
Table 3+ SOP (ng/kg)					
HFPO-DA	**4,200**	**14,000**	**18,000**	**24,000**	**42,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-08	FAY-SOIL-VES-09	FAY-SOIL-VES-10	FAY-SOIL-VES-11	FAY-SOIL-VES-12
Location ID	SOIL-VES-08	SOIL-VES-09	SOIL-VES-10	SOIL-VES-11	SOIL-VES-12
Sample Date	02/09/2018	02/09/2018	02/09/2018	02/09/2018	02/09/2018
QA/QC					
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	280-106340-1	280-106340-1	280-106340-1	280-106340-1	280-106340-1
Lab Sample ID	280-106340-10	280-106340-11	280-106340-12	280-106340-13	280-106340-14
Table 3+ SOP (ng/kg)					
HFPO-DA	**2,900**	**6,900**	**110,000**	**260,000**	**32,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-13	FAY-SOIL-VES-14	FAY-SOIL-VES-15	FAY-SOIL-VES-16	FAY-SOIL-VES-17
Location ID	SOIL-VES-13	SOIL-VES-14	SOIL-VES-15	SOIL-VES-16	SOIL-VES-17
Sample Date	02/09/2018	02/09/2018	02/09/2018	02/09/2018	02/09/2018
QA/QC					
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	280-106340-1	280-106340-1	280-106340-1	280-106340-1	280-106340-1
Lab Sample ID	280-106340-15	280-106340-16	280-106340-17	280-106340-18	280-106340-19
Table 3+ SOP (ng/kg)					
HFPO-DA	**140,000**	**130,000**	**430,000**	**140,000**	**340,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-18	FAY-SOIL-VES-19	FAY-SOIL-VES-20-021218	FAY-SOIL-VES-21-021218	FAY-SOIL-VES-22-021218
Location ID	**SOIL-VES-18**	**SOIL-VES-19**	**SOIL-VES-20**	**SOIL-VES-21**	**SOIL-VES-22**
Sample Date	**02/09/2018**	**02/09/2018**	**02/12/2018**	**02/12/2018**	**02/12/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106340-1**	**280-106340-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**
Lab Sample ID	**280-106340-20**	**280-106340-21**	**280-106399-24**	**280-106399-26**	**280-106399-27**
Table 3+ SOP (ng/kg)					
HFPO-DA	**220,000**	**240,000**	**1,800**	<1,300	**2,700**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-23-021218	FAY-SOIL-VES-24-021218	FAY-SOIL-VES-20-D-021218	FAY-SOIL-VES-25-021318	FAY-SOIL-VES-26-021318
Location ID	**SOIL-VES-23**	**SOIL-VES-24**	**SOIL-VES-20**	**SOIL-VES-25**	**SOIL-VES-26**
Sample Date	**02/12/2018**	**02/12/2018**	**02/12/2018**	**02/13/2018**	**02/13/2018**
QA/QC			**Field Duplicate**		
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**
Lab Sample ID	**280-106399-28**	**280-106399-29**	**280-106399-25**	**280-106399-30**	**280-106399-31**
Table 3+ SOP (ng/kg)					
HFPO-DA	**43,000**	**14,000**	**1,800**	**15,000**	**18,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-27-021318	FAY-SOIL-VES-28-021318	FAY-SOIL-VES-29-021318	FAY-SOIL-VES-30-021318	FAY-SOIL-VES-31-021318
Location ID	**SOIL-VES-27**	**SOIL-VES-28**	**SOIL-VES-29**	**SOIL-VES-30**	**SOIL-VES-31**
Sample Date	**02/13/2018**	**02/13/2018**	**02/13/2018**	**02/13/2018**	**02/13/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**
Lab Sample ID	**280-106399-43**	**280-106399-44**	**280-106399-42**	**280-106399-41**	**280-106399-40**
Table 3+ SOP (ng/kg)					
HFPO-DA	**44,000**	**140,000**	**10,000**	**6,200**	**7,400**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-32-021318	FAY-SOIL-VES-33-021318	FAY-SOIL-VES-34-021318	FAY-SOIL-VES-35-021318	FAY-SOIL-VES-36-021318
Location ID	SOIL-VES-32	SOIL-VES-33	SOIL-VES-34	SOIL-VES-35	SOIL-VES-36
Sample Date	02/13/2018	02/13/2018	02/13/2018	02/13/2018	02/13/2018
QA/QC					
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1
Lab Sample ID	280-106399-39	280-106399-38	280-106399-37	280-106399-36	280-106399-35
Table 3+ SOP (ng/kg)					
HFPO-DA	**2,200**	**32,000,000 J**	**540,000**	**8,600**	**1,400,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-37-021318	FAY-SOIL-VES-38-021318	FAY-SOIL-VES-39-021318	FAY-SOIL-VES-40	FAY-SOIL-VES-41
Location ID	**SOIL-VES-37**	**SOIL-VES-38**	**SOIL-VES-39**	**SOIL-VES-40**	**SOIL-VES-41**
Sample Date	**02/13/2018**	**02/13/2018**	**02/13/2018**	**02/21/2018**	**02/21/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106623-1**	**280-106623-1**
Lab Sample ID	**280-106399-34**	**280-106399-33**	**280-106399-32**	**280-106623-2**	**280-106623-3**
Table 3+ SOP (ng/kg)					
HFPO-DA	**14,000**	**19,000**	**130,000**	**9,100**	**38,000 J**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SOIL-VES-42	FAY-SOIL-VES-43	FAY-SOIL-VES-44	FAY-SOIL-VES-41D	FAY-D-Stockpile-022818
Location ID	SOIL-VES-42	SOIL-VES-43	SOIL-VES-44	SOIL-VES-41	Stockpile
Sample Date	02/21/2018	02/21/2018	02/21/2018	02/21/2018	02/28/2018
QA/QC				Field Duplicate	
Sample Matrix	SOLID	SOLID	SOLID	SOLID	Solid
Sample Delivery Group (SDG)	280-106623-1	280-106623-1	280-106623-1	280-106623-1	280-106849-1
Lab Sample ID	280-106623-5	280-106623-6	280-106623-7	280-106623-4	280-106849-1
Table 3+ SOP (ng/kg)					
HFPO-DA	130,000	350,000	18,000	110,000 J	2,400 J
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	VE-NORTH PS-8-2018/1 BOT-80306	VE-NORTH PS-8-2018/1 TOP-80306	80420 - Dredge pond	FAY-SB-NCC-01	FAY-SB-NCC-02
Location ID	VE-NORTH PS-8-2018/1 BOTTOM	VE-NORTH PS-8-2018/1 TOP	Dredge pond	NCC-01	NCC-02
Sample Date	03/06/2018	03/06/2018	04/20/2018	04/25/2018	04/25/2018
QA/QC					
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	280-107286-1	280-107286-1	280-109057-1	280-109084-1	280-109084-1
Lab Sample ID	280-107286-2	280-107286-1	280-109057-6	280-109084-2	280-109084-3
Table 3+ SOP (ng/kg)					
HFPO-DA	23,000,000 J	12,000,000 J	18,000	5,300	5,800
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SB-NCC-03	FAY-SB-NCC-04	FAY-SB-NCC-05	FAY-SB-NCC-06	FAY-SB-NCC-07
Location ID	**NCC-03**	**NCC-04**	**NCC-05**	**NCC-06**	**NCC-07**
Sample Date	**04/25/2018**	**04/25/2018**	**04/25/2018**	**04/25/2018**	**04/25/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-109084-1**	**280-109084-1**	**280-109084-1**	**280-109084-1**	**280-109084-1**
Lab Sample ID	**280-109084-4**	**280-109084-5**	**280-109084-6**	**280-109084-8**	**280-109084-9**
Table 3+ SOP (ng/kg)					
HFPO-DA	**15,000**	**9,400**	**36,000 J**	**8,500**	**19,000**
PFMOAA	--	--	--	--	--
PFO2HxA	--	--	--	--	--
PFO3OA	--	--	--	--	--
PFO4DA	--	--	--	--	--
PFO5DA	--	--	--	--	--
PMPA	--	--	--	--	--
PEPA	--	--	--	--	--
PS Acid	--	--	--	--	--
Hydro-PS Acid	--	--	--	--	--
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	--
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	--
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	--
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	--
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	--
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--
Perfluorobutanoic Acid	--	--	--	--	--
Perfluorodecane Sulfonic Acid	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	--
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--
PFOA	--	--	--	--	--
PFOS	--	--	--	--	--

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SB-NCC-08	FAY-SB-NCC-09	FAY-SB-NCC-10	FAY-SB-NCC-05 D	VE-NORTHPS-070218/4-BOT
Location ID	NCC-08	NCC-09	NCC-10	NCC-05	VE-NORTHPS
Sample Date	04/25/2018	04/25/2018	04/25/2018	04/25/2018	07/02/2018
QA/QC				Field Duplicate	
Sample Matrix	SOLID	SOLID	SOLID	SOLID	Solid
Sample Delivery Group (SDG)	280-109084-1	280-109084-1	280-109084-1	280-109084-1	1962020 / 1996018
Lab Sample ID	280-109084-10	280-109084-11	280-109084-12	280-109084-7	9688418 / 9841693
Table 3+ SOP (ng/kg)					
HFPO-DA	**29,000**	**57,000**	**2,000**	**2,600 J**	<11,000 UJ
PFMOAA	--	--	--	--	<170,000 UJ
PFO2HxA	--	--	--	--	**5,000 J**
PFO3OA	--	--	--	--	<5,000 UJ
PFO4DA	--	--	--	--	<5,000 UJ
PFO5DA	--	--	--	--	<5,000 UJ
PMPA	--	--	--	--	<8,300 UJ
PEPA	--	--	--	--	<8,300 UJ
PS Acid	--	--	--	--	<5,000 UJ
Hydro-PS Acid	--	--	--	--	<5,000 UJ
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	--	--	--	--	<5,000 UJ
Total Table 3+ (10 Compounds)[1,2]	--	--	--	--	**5,000**
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	--	--	--	--	<18,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	--	--	--	--	<26,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	--	--	--	--	<18,000
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	<18,000
Perfluorobutane Sulfonic Acid	--	--	--	--	<5,300
Perfluorobutanoic Acid	--	--	--	--	**24,000**
Perfluorodecane Sulfonic Acid	--	--	--	--	<8,800
Perfluorodecanoic Acid	--	--	--	--	<5,300
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	<5,300
Perfluoroheptane sulfonic acid (PFHpS)	--	--	--	--	<5,300
Perfluoroheptanoic Acid	--	--	--	--	<5,300
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	<5,300
Perfluorohexanoic Acid	--	--	--	--	<5,300
Perfluorononanesulfonate	--	--	--	--	<5,300
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	<5,300
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	--	--	--	--	<5,300
Perfluoropentane sulfonic acid (PFPeS)	--	--	--	--	<5,300
Perfluoropentanoic Acid	--	--	--	--	<5,300
Perfluorotetradecanoic Acid	--	--	--	--	<5,300
Perfluorotridecanoic Acid	--	--	--	--	<5,300
Perfluoroundecanoic Acid	--	--	--	--	<5,300
PFOA	--	--	--	--	<5,300
PFOS	--	--	--	--	<7,900

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	VE-SOUTHPS-070218/4-BOT	SB-100-070318/.6-BOT	SB-101-070318/.6-BOT	SB-102-070318/.6-BOT	SB-103-070318/.6-BOT
Location ID	**VE-SOUTHPS**	**SB-100**	**SB-101**	**SB-102**	**SB-103**
Sample Date	**07/02/2018**	**07/03/2018**	**07/03/2018**	**07/03/2018**	**07/03/2018**
QA/QC					
Sample Matrix	**Solid**	**Solid**	**Solid**	**Solid**	**Solid**
Sample Delivery Group (SDG)	**1962020 / 1996018**	**1962428 / 1996018**	**1962428 / 1996018**	**1962428 / 1996018**	**1962428 / 1996018**
Lab Sample ID	**9688419 / 9841694**	**9690111 / 9841685**	**9690114 / 9841688**	**9690115 / 9841689**	**9690116 / 9841690**
Table 3+ SOP (ng/kg)					
HFPO-DA	**6,000 J**	<1,200	**1,400 J**	<1,500 UJ	<1,500 UJ
PFMOAA	<24,000 UJ	<20,000 UJ	<20,000 UJ	<25,000 UJ	<27,000 UJ
PFO2HxA	**4,200 J**	**760 J**	**2,200 J**	**2,000 J**	**1,900 J**
PFO3OA	<720 UJ	<600 UJ	<610 UJ	<750 UJ	<820 UJ
PFO4DA	**1,100 J**	<600 UJ	<610 UJ	<750 UJ	<820 UJ
PFO5DA	**2,600 J**	<600 UJ	<610 UJ	<750 UJ	**1,200 J**
PMPA	**3,000 J**	<1,000 UJ	<1,000 UJ	<1,300 UJ	<1,400 UJ
PEPA	**1,300 J**	<1,000 UJ	<1,000 UJ	<1,300 UJ	<1,400 UJ
PS Acid	<720 UJ	<600 UJ	<610 UJ	<750 UJ	<820 UJ
Hydro-PS Acid	<720 UJ	<600 UJ	<610 UJ	<750 UJ	<820 UJ
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	<720 UJ	<600 UJ	<610 UJ	<750 UJ	<820 UJ
Total Table 3+ (10 Compounds)[1,2]	**18,000**	**760**	**3,600**	**2,000**	**3,100**
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,400	<2,000	<2,000	<2,500	<2,600
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<3,600 UJ	<3,000	<3,000	<3,800	<3,800
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	<2,400 UJ	<2,000	<2,000	<2,500	<2,600
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,400 UJ	<2,000	<2,000 UJ	<2,500	<2,600
Perfluorobutane Sulfonic Acid	<730	<610	<610	<750	<770
Perfluorobutanoic Acid	<730	<610	<610	<750	<770
Perfluorodecane Sulfonic Acid	<1,200	<1,000	<1,000	<1,300	<1,300
Perfluorodecanoic Acid	<730	<610	<610	<750	<770
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<730	<610	<610	<750	<770
Perfluoroheptane sulfonic acid (PFHpS)	<730	<610	<610	<750	<770
Perfluoroheptanoic Acid	<730	<610	<610	<750	<770
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<730	<610	<610	<750	<770
Perfluorohexanoic Acid	<730	<610	<610	<750	<770
Perfluorononanesulfonate	<730	<610	<610	<750 UJ	<770
Perfluorononanesulfonic acid	--	--	--	--	--
Perfluorononanoic Acid	<730	<610	<610	<750	<770
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	<730	<610	<610	<750	<770
Perfluoropentane sulfonic acid (PFPeS)	<730	<610	<610	<750	<770
Perfluoropentanoic Acid	<730	<610	<610	<750	<770
Perfluorotetradecanoic Acid	<730	<610	<610	<750	<770
Perfluorotridecanoic Acid	<730	<610	<610	<750	<770
Perfluoroundecanoic Acid	<730	<610	<610	<750	<770
PFOA	<730	<610	<610	<750	<770
PFOS	<1,100	<910	<910	<1,100	<1,200

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SB-104-070318/.6-BOT	SB-105-070318/.6-BOT	SB-Temp-PZ-01-BOT-6.5	SB-Temp-PZ-02-BOT-8	SB-Temp-PZ-03-BOT-10
Location ID	**SB-104**	**SB-105**	**PZ-01**	**PZ-02**	**PZ-03**
Sample Date	**07/03/2018**	**07/03/2018**	**07/23/2018**	**07/23/2018**	**07/23/2018**
QA/QC					
Sample Matrix	**Solid**	**Solid**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**1962428 / 1996018**	**1962428 / 1996018**	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**
Lab Sample ID	**9690117 / 9841691**	**9690118 / 9841692**	**320-41566-7**	**320-41566-8**	**320-41566-9**
Table 3+ SOP (ng/kg)					
HFPO-DA	<1,400 UJ	<1,800 UJ	**3,800**	**5,000**	**2,800**
PFMOAA	<23,000 UJ	<29,000 UJ	**2,800**	**1,600 J**	**1,000**
PFO2HxA	**1,100 J**	**3,100 J**	**7,800**	**2,600**	**1,900 J**
PFO3OA	<690 UJ	<860 UJ	**760 J**	**410 J**	**200 J**
PFO4DA	<690 UJ	<860 UJ	**540**	**270 J**	**110**
PFO5DA	<690 UJ	<860 UJ	**1,100 J**	**260 J**	**310**
PMPA	<1,200 UJ	<1,400 UJ	**2,500**	**2,200 J**	**3,600**
PEPA	<1,200 UJ	<1,400 UJ	**780**	**730 J**	**1,000**
PS Acid	<690 UJ	<860 UJ	<29 R	<30 R	<28 R
Hydro-PS Acid	<690 UJ	<860 UJ	**230**	**110 J**	**530 J**
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	<690 UJ	<860 UJ	<29	<30	<28
Total Table 3+ (10 Compounds)[1,2]	**1,100**	**3,100**	**20,000**	**13,000**	**11,000**
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,400	<3,000	<2,300	<2,400	<2,300
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<3,500	<4,400	<2,300	<2,400	<2,300
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	<2,400	<3,000	<2,300	<2,400	<2,300
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	<2,300	<2,400	<2,300
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,400 UJ	<3,000	<2,300	<2,400	<2,300
Perfluorobutane Sulfonic Acid	<710	<890	<230	<240	<230
Perfluorobutanoic Acid	<710	<890	**60**	**82**	**200**
Perfluorodecane Sulfonic Acid	<1,200	<1,500	<230	<240	<230
Perfluorodecanoic Acid	<710	<890	<230	<240	**27**
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<710	<890	<230	<240	<230
Perfluoroheptane sulfonic acid (PFHpS)	<710	<890	<230	<240	<230
Perfluoroheptanoic Acid	<710	<890	<230	<39	<230
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<710	<890	<230	<240	<230
Perfluorohexanoic Acid	<710	<890	<230	<240	**57**
Perfluorononanesulfonate	<710	<890	--	--	--
Perfluorononanesulfonic acid	--	--	<230	<240	<230
Perfluorononanoic Acid	<710	<890	<230	<240	<230
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	<710	<890	<230	<240	<230
Perfluoropentane sulfonic acid (PFPeS)	<710	<890	<230	<240	<230
Perfluoropentanoic Acid	<710	<890	<230	<240	<230
Perfluorotetradecanoic Acid	<710	<890	<230	**79**	<230
Perfluorotridecanoic Acid	<710	<890	<230	**67 J**	<230
Perfluoroundecanoic Acid	<710	<890	**60**	**190**	<230
PFOA	<710	<890	<230	**180**	<230
PFOS	<1,100	<1,300	<580	<600	<570

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SB-Temp-PZ-04-BOT-13	SB-Temp-PZ-05-BOT-13	SB-Temp-PZ-06-BOT-12	SB-Temp-PZ-07-BOT-13.5	SB-Temp-PZ-08-BOT-14
Location ID	**PZ-04**	**PZ-05**	**PZ-06**	**PZ-07**	**PZ-08**
Sample Date	**07/23/2018**	**07/24/2018**	**07/24/2018**	**07/24/2018**	**07/24/2018**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**
Lab Sample ID	**320-41566-10**	**320-41566-1**	**320-41566-2**	**320-41566-3**	**320-41566-4**
Table 3+ SOP (ng/kg)					
HFPO-DA	**310**	**1,400**	**430**	**1,100**	**900**
PFMOAA	**240 J**	**1,500 J**	**2,300**	**140,000**	**250 J**
PFO2HxA	**120 J**	**1,300 J**	**670**	**30,000**	**190 J**
PFO3OA	<30	**260 J**	**310 J**	**11,000 J**	<29
PFO4DA	**410**	**320**	**400 J**	**5,800**	**120 J**
PFO5DA	**3,100**	**3,400 J**	**2,500**	**9,700**	**2,100 J**
PMPA	**120**	**400**	**130 J**	**470**	**150 J**
PEPA	<30	**200**	<27	**280**	<29
PS Acid	<30 R	<29 R	<27 R	<130 R	<29 R
Hydro-PS Acid	**3,500**	**2,900**	**890 J**	**9,800**	**11,000 J**
R-PSDA	--	--	--	--	--
Hydrolyzed PSDA	--	--	--	--	--
R-PSDCA	--	--	--	--	--
NVHOS	--	--	--	--	--
EVE Acid	--	--	--	--	--
Hydro-EVE Acid	--	--	--	--	--
R-EVE	--	--	--	--	--
PES	--	--	--	--	--
PFECA B	--	--	--	--	--
PFECA-G	<30	<29	<27	<130	<29
Total Table 3+ (10 Compounds)[1,2]	**7,800**	**12,000**	**7,600**	**210,000**	**15,000**
Total Table 3+ (17 Compounds)[1,3]	--	--	--	--	--
Total Table 3+ (20 Compounds)[1]	--	--	--	--	--
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	--	--	--
11Cl-PF3OUdS	--	--	--	--	--
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,400	<2,300	<2,200	<2,100	<2,300
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,400	<2,300	<2,200	<2,100	<2,300
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	--	--
6:2 Fluorotelomer sulfonate	<2,400	**230 B**	<2,200	<2,100	<2,300
9Cl-PF3ONS	--	--	--	--	--
ADONA	--	--	--	--	--
NaDONA	--	--	--	--	--
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,400	<2,300	<2,200	<2,100	<2,300
N-ethylperfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluoro-1-octanesulfonamide	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<2,400	<2,300	<2,200	<2,100	<2,300
Perfluorobutane Sulfonic Acid	<240	<230	<220	<210	<230
Perfluorobutanoic Acid	**42**	**53**	**57**	**130**	**180**
Perfluorodecane Sulfonic Acid	<240	<230	<220	<210	<230
Perfluorodecanoic Acid	<240	**100**	**35**	**96**	**460**
Perfluorododecane sulfonic acid (PFDoS)	--	--	--	--	--
Perfluorododecanoic Acid	<240	**98**	**200**	**540**	**110**
Perfluoroheptane sulfonic acid (PFHpS)	<240	<230	<220	<210	<230
Perfluoroheptanoic Acid	<240	<230	<220	<210	<230
Perfluorohexadecanoic acid (PFHxDA)	--	--	--	--	--
Perfluorohexane Sulfonic Acid	<240	<230	<220	<210	<230
Perfluorohexanoic Acid	<240	<230	<220	<210	<230
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	<240	<230	<220	<210	<230
Perfluorononanoic Acid	<240	<230	<220	**46**	**99**
Perfluorooctadecanoic acid	--	--	--	--	--
Perfluorooctane Sulfonamide	<240	<230	<220	<210	<230
Perfluoropentane sulfonic acid (PFPeS)	<240	<230	<220	<210	<230
Perfluoropentanoic Acid	<240	<230	<220	<210	**120**
Perfluorotetradecanoic Acid	<240	<230	<220	**570**	<230
Perfluorotridecanoic Acid	<240	**160**	**430**	**1,000**	**95**
Perfluoroundecanoic Acid	**45**	**210**	**260**	**450**	**460**
PFOA	<240	<230	<220	<210	<230
PFOS	<610	<570	<540	<530	<570

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SB-Temp-PZ-09-BOT-14	SB-Temp-PZ-10-BOT-16.5	PW-03-SOIL-6.5-7-20190723	PW-07SOIL-14-15-20190724	DUP1-072419
Location ID	**PZ-09**	**PZ-10**	**PW-03**	**PW-07**	**PW-07**
Sample Date	**07/24/2018**	**07/24/2018**	**07/23/2019**	**07/24/2019**	**07/24/2019**
QA/QC					**Field Duplicate**
Sample Matrix	**SOLID**	**SOLID**	**Solid**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**320-41566-1 / 320-41566-2**	**320-41566-1 / 320-41566-2**	**200-49745-2 / 200-49745-3**	**200-49770-2**	**200-49770-2**
Lab Sample ID	**320-41566-5**	**320-41566-6**	**200-49745-1**	**200-49770-3**	**200-49770-5**
Table 3+ SOP (ng/kg)					
HFPO-DA	**300**	**420**	**1,700**	<250	<250
PFMOAA	**110**	**790 J**	<1,000	<1,000	<1,000
PFO2HxA	**360**	**340 J**	**1,300**	<1,000	<1,000
PFO3OA	<27	**210 J**	<1,000	<1,000	<1,000
PFO4DA	<27	**460 J**	<1,000	<1,000	<1,000
PFO5DA	**300**	**7,000**	**1,200**	<1,000	<1,000
PMPA	**190**	**120**	**2,500**	<1,000	<1,000
PEPA	<27	<27	<1,000	<1,000	<1,000
PS Acid	<27 R	<27 R	<1,000	<1,000	<1,000
Hydro-PS Acid	**130**	**2,700**	<1,000	<1,000	<1,000
R-PSDA	--	--	<1,000 R	<1,000 R	<1,000 R
Hydrolyzed PSDA	--	--	<1,000 R	<1,000 R	<1,000 R
R-PSDCA	--	--	<1,000	<1,000	<1,000
NVHOS	--	--	<1,000	<1,000	<1,000
EVE Acid	--	--	<1,000	<1,000	<1,000
Hydro-EVE Acid	--	--	<1,000	<1,000	<1,000
R-EVE	--	--	<1,000 R	<1,000 R	<1,000 R
PES	--	--	<1,000	<1,000	<1,000
PFECA B	--	--	<1,000	<1,000	<1,000
PFECA-G	<27	<27	<1,000	<1,000	<1,000
Total Table 3+ (10 Compounds)[1,2]	**1,400**	**12,000**	**6,700**	ND	ND
Total Table 3+ (17 Compounds)[1,3]	--	--	**6,700**	ND	ND
Total Table 3+ (20 Compounds)[1]	--	--	**6,700**	ND	ND
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	--	--	<200	<200	<200
11Cl-PF3OUdS	--	--	<200	<200	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,200	<2,100	<2,000	<2,000	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,200	<2,100	<2,000	<2,000	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<1,000	<1,000	<1,000
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<1,000	<1,000	<1,000
6:2 Fluorotelomer sulfonate	<2,200	<2,100	<2,000	<2,000	<2,000
9Cl-PF3ONS	--	--	<200	<200	<200
ADONA	--	--	<210	<210	<210
NaDONA	--	--	<210	<210	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,200	<2,100	<2,000	<2,000	<2,000
N-ethylperfluoro-1-octanesulfonamide	--	--	<1,000	<1,000	<1,000
N-methyl perfluoro-1-octanesulfonamide	--	--	<1,000	<1,000	<1,000
N-methyl perfluorooctane sulfonamidoacetic acid	<2,200	<2,100	<2,000	<2,000	<2,000
Perfluorobutane Sulfonic Acid	<220	<210	<200	<200	<200
Perfluorobutanoic Acid	<220	**230**	<200	<200	<200
Perfluorodecane Sulfonic Acid	<220	<210	<200	<200	<200
Perfluorodecanoic Acid	<220	**71**	<200	<200	<200
Perfluorododecane sulfonic acid (PFDoS)	--	--	<200	<200	<200
Perfluorododecanoic Acid	<220	**130**	<200	<200	<200
Perfluoroheptane sulfonic acid (PFHpS)	<220	<210	<200	<200	<200
Perfluoroheptanoic Acid	<220	<210	<200	<200	<200
Perfluorohexadecanoic acid (PFHxDA)	--	--	<200	<200	<200
Perfluorohexane Sulfonic Acid	<220	<210	<200	<200	<200
Perfluorohexanoic Acid	<220	**53**	<200	<200	<200
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	<220	<210	<200	<200	<200
Perfluorononanoic Acid	<220	<210	<200	<200	<200
Perfluorooctadecanoic acid	--	--	<200	<200	<200
Perfluorooctane Sulfonamide	<220	<210	<200	<200	<200
Perfluoropentane sulfonic acid (PFPeS)	<220	<210	<200	<200	<200
Perfluoropentanoic Acid	<220	**180**	<200	<200	<200
Perfluorotetradecanoic Acid	<220	**510**	<200	<200	<200
Perfluorotridecanoic Acid	<220	**760**	<200	<200	<200
Perfluoroundecanoic Acid	<220	**300**	<200	<200	<200
PFOA	<220	<210	<200	<200	<200
PFOS	<550	<540	<500	<500	<500

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	PW-11-SOIL-16-17-20190725	PW-05 Soil-12-13-20190726	PW-02-SOIL-14-15-20190729	PW-06-SOIL-16-17-20190729	PW-01-SOIL-14-15-20190730
Location ID	**PW-11**	**PW-05**	**PW-02**	**PW-06**	**PW-01**
Sample Date	**07/25/2019**	**07/26/2019**	**07/29/2019**	**07/29/2019**	**07/30/2019**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**200-49801-2**	**200-49809-2**	**200-49846-2**	**200-49846-2**	**200-49879-2**
Lab Sample ID	**200-49801-1**	**200-49809-1**	**200-49846-2**	**200-49846-1**	**200-49879-1**
Table 3+ SOP (ng/kg)					
HFPO-DA	**620**	**850**	**1,500**	<250	**1,800**
PFMOAA	<1,000	<1,000 R	<1,000 UJ	<1,000	**1,300**
PFO2HxA	<1,000	<1,000 UJ	<1,000 UJ	<1,000	**1,300**
PFO3OA	<1,000	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO4DA	<1,000	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO5DA	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
PMPA	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
PEPA	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
PS Acid	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
Hydro-PS Acid	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
R-PSDA	<1,000 R	<1,000 R	<1,000 R	<1,000 R	<1,000 UJ
Hydrolyzed PSDA	<1,000 R	<1,000 R	<1,000 R	<1,000 R	<1,000 UJ
R-PSDCA	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
NVHOS	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
EVE Acid	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
Hydro-EVE Acid	<1,000	<1,000 UJ	<1,000 UJ	<1,000	<1,000
R-EVE	<1,000 R	<1,000 R	<1,000 R	<1,000 R	<1,000 UJ
PES	<1,000	<1,000 UJ	<1,000	<1,000	<1,000
PFECA B	<1,000	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFECA-G	<1,000	<1,000 UJ	<1,000 UJ	<1,000	<1,000
Total Table 3+ (10 Compounds)[1,2]	**620**	**850**	**1,500**	ND	**4,400**
Total Table 3+ (17 Compounds)[1,3]	**620**	**850**	**1,500**	ND	**4,400**
Total Table 3+ (20 Compounds)[1]	**620**	**850**	**1,500**	ND	**4,400**
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	<200	<200 UJ	<200	<200	<200
11Cl-PF3OUdS	<200	<200	<200	<200	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,000	<2,000 UJ	<2,000	<2,000	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,000	<2,000 UJ	<2,000	<2,000	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<1,000	<1,000	<1,000	<1,000	<1,000
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<1,000	<1,000	<1,000	<1,000	<1,000
6:2 Fluorotelomer sulfonate	<2,000	<2,000 UJ	<2,000	<2,000	<2,000
9Cl-PF3ONS	<200	<200	<200	<200	<200
ADONA	<210	<210	<210	<210	<210
NaDONA	<210	<210	<210	<210	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000 UJ	<2,000	<2,000	<2,000
N-ethylperfluoro-1-octanesulfonamide	<1,000	<1,000	<1,000	<1,000	<1,000
N-methyl perfluoro-1-octanesulfonamide	<1,000	<1,000	<1,000	<1,000	<1,000
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000 UJ	<2,000	<2,000	<2,000
Perfluorobutane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorobutanoic Acid	<200	<200	<200	<200	<200
Perfluorodecane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorodecanoic Acid	<200	<200	<200	<200	<200
Perfluorododecane sulfonic acid (PFDoS)	<200	<200	<200	<200	<200
Perfluorododecanoic Acid	<200	<200	<200	<200	<200
Perfluoroheptane sulfonic acid (PFHpS)	<200	<200	<200	<200	<200
Perfluoroheptanoic Acid	<200	<200	<200	<200	<200
Perfluorohexadecanoic acid (PFHxDA)	<200	<200	<200	<200	<200
Perfluorohexane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorohexanoic Acid	<200	<200	<200	<200	<200
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	<200	<200	<200	<200	<200
Perfluorononanoic Acid	<200	<200	<200	<200	<200
Perfluorooctadecanoic acid	<200	<200	<200	<200	<200
Perfluorooctane Sulfonamide	<200	<200	<200	<200	<200
Perfluoropentane sulfonic acid (PFPeS)	<200	<200	<200	<200	<200
Perfluoropentanoic Acid	<200	<200	<200	<200	<200
Perfluorotetradecanoic Acid	<200	<200	<200	<200	<200
Perfluorotridecanoic Acid	<200	<200	<200	<200	<200
Perfluoroundecanoic Acid	<200	<200	<200	<200	<200
PFOA	<200	<200	<200	<200	<200
PFOS	<500	<500 UJ	<500	<500	<500

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	PW-01-SOIL-11-12-20190731	PW-12-SOIL-36-37-20190731	PW-12-SOIL-45-46-20190731	PW-10-SOIL-3.5-4-20190808	PW-10-SOIL-8-8.5-20190808
Location ID	**PW-01**	**PW-12**	**PW-12**	**PW-10**	**PW-10**
Sample Date	**07/31/2019**	**07/31/2019**	**07/31/2019**	**08/08/2019**	**08/08/2019**
QA/QC					
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**200-49879-2**	**200-49879-2**	**200-49879-2**	**200-50014-2**	**200-50014-2**
Lab Sample ID	**200-49879-3**	**200-49879-4**	**200-49879-5**	**200-50014-1**	**200-50014-2**
Table 3+ SOP (ng/kg)					
HFPO-DA	**1,200**	**830**	<250	**570**	**28,000**
PFMOAA	<1,000	<1,000	<1,000	<1,000	**7,300**
PFO2HxA	<1,000	<1,000	<1,000	<1,000	**10,000 J**
PFO3OA	<1,000	<1,000	<1,000	<1,000	**4,000**
PFO4DA	<1,000	<1,000	<1,000	<1,000	**4,700**
PFO5DA	<1,000	<1,000	<1,000	**1,300**	**5,200**
PMPA	<1,000	<1,000	<1,000	<1,000	**27,000 J**
PEPA	<1,000	<1,000	<1,000	<1,000	**13,000 J**
PS Acid	<1,000	<1,000	<1,000	<1,000	<1,000
Hydro-PS Acid	<1,000	<1,000	<1,000	<1,000	**1,400**
R-PSDA	<1,000 R	<1,000 R	<1,000 UJ	<1,000 R	<1,000 R
Hydrolyzed PSDA	<1,000 R	<1,000 R	<1,000 UJ	<1,000 R	<1,000 R
R-PSDCA	<1,000	<1,000	<1,000	<1,000	<1,000
NVHOS	<1,000	<1,000	<1,000	<1,000	<1,000
EVE Acid	<1,000	<1,000	<1,000	<1,000	<1,000
Hydro-EVE Acid	<1,000	<1,000	<1,000	<1,000	**1,500**
R-EVE	<1,000 R	<1,000 R	<1,000 R	<1,000 R	<1,000 R
PES	<1,000	<1,000	<1,000	<1,000	<1,000
PFECA B	<1,000	<1,000	<1,000	<1,000	<1,000
PFECA-G	<1,000	<1,000	<1,000	<1,000	<1,000
Total Table 3+ (10 Compounds)[1,2]	**1,200**	**830**	ND	**1,900**	**100,000**
Total Table 3+ (17 Compounds)[1,3]	**1,200**	**830**	ND	**1,900**	**100,000**
Total Table 3+ (20 Compounds)[1]	**1,200**	**830**	ND	**1,900**	**100,000**
Other PFAS (ng/kg)					
10:2 Fluorotelomer sulfonate	<200	<200	<200 UJ	<200	<200
11Cl-PF3OUdS	<200	<200	<200	<200	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,000	<2,000	<2,000	<2,000	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,000	<2,000	<2,000	<2,000	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	<1,000	<1,000	<1,000	<1,000	<1,000
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	<1,000	<1,000	<1,000	<1,000	<1,000
6:2 Fluorotelomer sulfonate	<2,000	<2,000	<2,000	<2,000	<2,000
9Cl-PF3ONS	<200	<200	<200	<200	<200
ADONA	<210	<210	<210	<210	<210
NaDONA	<210	<210	<210	<210	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000	<2,000
N-ethylperfluoro-1-octanesulfonamide	<1,000	<1,000	<1,000	<1,000	<1,000
N-methyl perfluoro-1-octanesulfonamide	<1,000	<1,000	<1,000	<1,000	<1,000
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000	<2,000
Perfluorobutane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorobutanoic Acid	<200	<200	<200	<200	<200
Perfluorodecane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorodecanoic Acid	<200	<200	<200	<200	<200
Perfluorododecane sulfonic acid (PFDoS)	<200	<200	<200 UJ	<200	<200
Perfluorododecanoic Acid	<200	<200	<200	<200	<200
Perfluoroheptane sulfonic acid (PFHpS)	<200	<200	<200	<200	<200
Perfluoroheptanoic Acid	<200	<200	<200	<200	<200
Perfluorohexadecanoic acid (PFHxDA)	<200	<200	<200	<200	<200
Perfluorohexane Sulfonic Acid	<200	<200	<200	<200	<200
Perfluorohexanoic Acid	<200	<200	<200	<200	<200
Perfluorononanesulfonate	--	--	--	--	--
Perfluorononanesulfonic acid	<200	<200	<200	<200	<200
Perfluorononanoic Acid	<200	<200	<200	<200	<200
Perfluorooctadecanoic acid	<200	<200	<200	<200	<200
Perfluorooctane Sulfonamide	<200	<200	<200	<200	<200
Perfluoropentane sulfonic acid (PFPeS)	<200	<200	<200	<200	<200
Perfluoropentanoic Acid	<200	<200	<200	<200	**310**
Perfluorotetradecanoic Acid	<200	<200	<200	<200	<200
Perfluorotridecanoic Acid	<200	<200	<200	<200	<200
Perfluoroundecanoic Acid	<200	<200	<200	<200	<200
PFOA	<200	<200	<200	<200	<200
PFOS	<500	<500	<500	<500	<500

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	PW-09-SOIL-10-11-20190812	PW-09-SOIL-8.5-9-20190812	PW-15-SOIL-38-39-20190813	PW-13-Soil-25-26-20190821
Location ID	PW-09	PW-09	PW-15	PW-13
Sample Date	08/12/2019	08/12/2019	08/13/2019	08/21/2019
QA/QC				
Sample Matrix	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	200-50062-2 / 200-50062-3	200-50062-2 / 200-50062-3	200-50083-2	200-50221-2
Lab Sample ID	200-50062-1	200-50062-2	200-50083-2	200-50221-1
Table 3+ SOP (ng/kg)				
HFPO-DA	<250	<250	<250	<250
PFMOAA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO2HxA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO3OA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO4DA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFO5DA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PMPA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PEPA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PS Acid	<1,000 UJ	<1,000 UJ	<1,000	<1,000
Hydro-PS Acid	<1,000 UJ	<1,000 UJ	<1,000	<1,000
R-PSDA	<1,000 R	<1,000 R	<1,000	<1,000
Hydrolyzed PSDA	<1,000 R	<1,000 R	<1,000	<1,000
R-PSDCA	<1,000 UJ	<1,000 UJ	<1,000	<1,000
NVHOS	<1,000 UJ	<1,000 UJ	<1,000	<1,000
EVE Acid	<1,000 UJ	<1,000 UJ	<1,000	<1,000
Hydro-EVE Acid	<1,000 UJ	<1,000 UJ	<1,000	<1,000
R-EVE	<1,000 R	<1,000 R	<1,000	<1,000
PES	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFECA B	<1,000 UJ	<1,000 UJ	<1,000	<1,000
PFECA-G	<1,000 UJ	<1,000 UJ	<1,000	<1,000
Total Table 3+ (10 Compounds)[1,2]	ND	ND	ND	ND
Total Table 3+ (17 Compounds)[1,3]	ND	ND	ND	ND
Total Table 3+ (20 Compounds)[1]	ND	ND	ND	ND
Other PFAS (ng/kg)				
10:2 Fluorotelomer sulfonate	<200	<200	<200	<200
11Cl-PF3OUdS	<200	<200	<200	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,000	<2,000	<2,000	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,000	<2,000	<2,000	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<1,000	<1,000
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	<1,000	<1,000
6:2 Fluorotelomer sulfonate	<2,000	<2,000	<2,000	<2,000
9Cl-PF3ONS	<200	<200	<200	<200
ADONA	<210	<210	<210	<210
NaDONA	<210	<210	<210	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000
N-ethylperfluoro-1-octanesulfonamide	--	--	<1,000	<1,000
N-methyl perfluoro-1-octanesulfonamide	--	--	<1,000	<1,000
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000
Perfluorobutane Sulfonic Acid	<200	<200	<200	<200
Perfluorobutanoic Acid	<200	<200	<200	<200
Perfluorodecane Sulfonic Acid	<200	<200	<200	<200
Perfluorodecanoic Acid	<200	<200	<200	<200
Perfluorododecane sulfonic acid (PFDoS)	<200	<200	<200	<200
Perfluorododecanoic Acid	<200	<200	<200	<200
Perfluoroheptane sulfonic acid (PFHpS)	<200	<200	<200	<200
Perfluoroheptanoic Acid	<200	<200	<200	<200
Perfluorohexadecanoic acid (PFHxDA)	<200	<200	<200	<200
Perfluorohexane Sulfonic Acid	<200	<200	<200	<200
Perfluorohexanoic Acid	<200	<200	<200	<200
Perfluorononanesulfonate	--	--	--	--
Perfluorononanesulfonic acid	<200	<200	<200	<200
Perfluorononanoic Acid	<200	<200	<200	<200
Perfluorooctadecanoic acid	<200	<200	<200	<200
Perfluorooctane Sulfonamide	<200	<200	<200	<200
Perfluoropentane sulfonic acid (PFPeS)	<200	<200	<200	<200
Perfluoropentanoic Acid	<200	<200	<200	<200
Perfluorotetradecanoic Acid	<200	<200	<200	<200
Perfluorotridecanoic Acid	<200	<200	<200	<200
Perfluoroundecanoic Acid	<200	<200	<200	<200
PFOA	<200	<200	<200	<200
PFOS	<500	<500	<500	<500

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SEEP-D-RIVERSOIL-091119	SEEP-A-RIVERSOIL-091319	WC-SOIL-092419	SEEP-B-SOIL-092519
Location ID	SEEP-D-RIVERSOIL	SEEP-A-RIVERSOIL	WC-SOIL	SEEP-B-SOIL
Sample Date	09/11/2019	09/13/2019	09/24/2019	09/25/2019
QA/QC				
Sample Matrix	Solid	Solid	Solid	SOLID
Sample Delivery Group (SDG)	320-54392-1	320-54392-1	320-54699-1REV	320-54770-1REV
Lab Sample ID	320-54392-1	320-54392-2	320-54699-6	320-54770-9
Table 3+ SOP (ng/kg)				
HFPO-DA	**1,900 J**	**17,000 J**	**4,800**	**1,400**
PFMOAA	**7,500 J**	**5,200**	**1,200**	**2,500**
PFO2HxA	**6,700 J**	**5,000**	**9,300**	**2,200**
PFO3OA	**2,000**	<2,800	**2,000**	<1,000
PFO4DA	**1,200**	<2,800	**1,400**	<1,000
PFO5DA	**1,000**	**4,700**	**2,200**	<1,000
PMPA	<1,000	<2,800	**2,700**	<1,000
PEPA	<1,000	<2,800	**1,300**	<1,000
PS Acid	<1,000	<2,800	<1,000	<1,000
Hydro-PS Acid	<1,000	<2,800	<1,000	<1,000
R-PSDA	<1,000	<2,800	<1,000 R	<1,000
Hydrolyzed PSDA	<1,000	<2,800	<1,000 R	<1,000 UJ
R-PSDCA	<1,000	<2,800	<1,000	<1,000
NVHOS	<1,000	<2,800	<1,000	<1,000
EVE Acid	<1,000	<2,800	<1,000	<1,000
Hydro-EVE Acid	<1,000	<2,800	<1,000	<1,000
R-EVE	<1,000	<2,800	<1,000 R	<1,000 UJ
PES	<1,000	<2,800	<1,000	<1,000
PFECA B	<1,000	<2,800	<1,000	<1,000
PFECA-G	<1,000	<2,800	<1,000	<1,000
Total Table 3+ (10 Compounds)[1,2]	**20,000**	**32,000**	**25,000**	**6,100**
Total Table 3+ (17 Compounds)[1,3]	**20,000**	**32,000**	**25,000**	**6,100**
Total Table 3+ (20 Compounds)[1]	**20,000**	**32,000**	**25,000**	**6,100**
Other PFAS (ng/kg)				
10:2 Fluorotelomer sulfonate	<200	<200	<200	<200
11Cl-PF3OUdS	<200	<200	<200	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,000	<2,000	<2,000	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,000	<2,000	<2,000	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	**1,100 J**	**1,400 J**	**1,100**	**930**
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	**640 J**	**640 J**	**940**	**730**
6:2 Fluorotelomer sulfonate	<2,000	<2,000	<2,000	<2,000
9Cl-PF3ONS	<200	<200	<200	<200
ADONA	<210	<210	<210	<210
NaDONA	<210	<210	<210	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000
N-ethylperfluoro-1-octanesulfonamide	<200 UJ	<200 UJ	<200	<200
N-methyl perfluoro-1-octanesulfonamide	<200 UJ	<200 UJ	<200	<200
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000	<2,000	<2,000	<2,000
Perfluorobutane Sulfonic Acid	<200	<200	<200	<200
Perfluorobutanoic Acid	**280**	**230**	<200	<200
Perfluorodecane Sulfonic Acid	<200	<200	**270**	<200
Perfluorodecanoic Acid	**510**	**240**	**850**	<200
Perfluorododecane sulfonic acid (PFDoS)	<200	<200	<200	<200
Perfluorododecanoic Acid	**530**	**310**	**750**	**230**
Perfluoroheptane sulfonic acid (PFHpS)	<200	<200	<200	<200
Perfluoroheptanoic Acid	<200	<200	**330**	<200
Perfluorohexadecanoic acid (PFHxDA)	<200	<200	<200	<200
Perfluorohexane Sulfonic Acid	<200	<200	**200**	<200
Perfluorohexanoic Acid	<200	<200	**230**	<200
Perfluorononanesulfonate	--	--	--	--
Perfluorononanesulfonic acid	<200	<200	<200	<200
Perfluorononanoic Acid	<200	<200	**530**	<200
Perfluorooctadecanoic acid	<200	<200	<200	<200
Perfluorooctane Sulfonamide	<200	<200	<200	<200
Perfluoropentane sulfonic acid (PFPeS)	<200	<620	<200	<200
Perfluoropentanoic Acid	**300**	**230**	**290**	<200
Perfluorotetradecanoic Acid	<200	<200	**260**	<200
Perfluorotridecanoic Acid	**270**	<200	**530**	<200
Perfluoroundecanoic Acid	**610**	**400**	**1,100**	**240**
PFOA	**400**	**210**	**830**	**240**
PFOS	**3,600**	**1,700**	**6,600**	**1,400**

TABLE C1
ONSITE SOIL RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	SEEP-C-SOIL-092619
Location ID	SEEP-C-SOIL
Sample Date	09/26/2019
QA/QC	
Sample Matrix	SOLID
Sample Delivery Group (SDG)	320-54770-1REV
Lab Sample ID	320-54770-7
Table 3+ SOP (ng/kg)	
HFPO-DA	**1,300**
PFMOAA	**9,100**
PFO2HxA	**6,000**
PFO3OA	**1,400**
PFO4DA	<1,000
PFO5DA	**1,300**
PMPA	**1,000**
PEPA	<1,000
PS Acid	<1,000
Hydro-PS Acid	<1,000
R-PSDA	<1,000 UJ
Hydrolyzed PSDA	<1,000 UJ
R-PSDCA	<1,000
NVHOS	<1,000
EVE Acid	<1,000
Hydro-EVE Acid	<1,000
R-EVE	<1,000 UJ
PES	<1,000
PFECA B	<1,000
PFECA-G	<1,000
Total Table 3+ (10 Compounds)[1,2]	**20,000**
Total Table 3+ (17 Compounds)[1,3]	**20,000**
Total Table 3+ (20 Compounds)[1]	**20,000**
Other PFAS (ng/kg)	
10:2 Fluorotelomer sulfonate	<200
11Cl-PF3OUdS	<200
1H,1H,2H,2H-perfluorodecanesulfonate (8:2 FTS)	<2,000
1H,1H,2H,2H-perfluorohexanesulfonate (4:2 FTS)	<2,000
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	**820**
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	**620**
6:2 Fluorotelomer sulfonate	<2,000
9Cl-PF3ONS	<200
ADONA	<210
NaDONA	<210
N-ethyl perfluorooctane sulfonamidoacetic acid	<2,000
N-ethylperfluoro-1-octanesulfonamide	<200
N-methyl perfluoro-1-octanesulfonamide	<200
N-methyl perfluorooctane sulfonamidoacetic acid	<2,000
Perfluorobutane Sulfonic Acid	<200
Perfluorobutanoic Acid	<200
Perfluorodecane Sulfonic Acid	<200
Perfluorodecanoic Acid	**330**
Perfluorododecane sulfonic acid (PFDoS)	<200
Perfluorododecanoic Acid	**340**
Perfluoroheptane sulfonic acid (PFHpS)	<200
Perfluoroheptanoic Acid	<200
Perfluorohexadecanoic acid (PFHxDA)	<200
Perfluorohexane Sulfonic Acid	<200
Perfluorohexanoic Acid	<200
Perfluorononanesulfonate	**--**
Perfluorononanesulfonic acid	<200
Perfluorononanoic Acid	<200
Perfluorooctadecanoic acid	<200
Perfluorooctane Sulfonamide	<200
Perfluoropentane sulfonic acid (PFPeS)	<200
Perfluoropentanoic Acid	**270**
Perfluorotetradecanoic Acid	<200
Perfluorotridecanoic Acid	**230**
Perfluoroundecanoic Acid	**420**
PFOA	**280**
PFOS	**2,500**

Notes

1 - Total Table 3+ was calculated including J qualified data but not non-detect data. Totals were only calculated if all compounds were included in the analysis. The total Table 3+ sum is rounded to two significant figures.

2 - Total Table 3+ (10 compounds) is the sum of the set of original Table 3+ PFAS able to be analyzed by the method.

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

Bold - Analyte detected above associated reporting limit

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

R - Rejected value. Unusable due to a poor total/dissolved comparison.

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

ng/L - nanograms per liter

QA/QC - Quality assurance/ quality control

SOP - standard operating procedure

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

-- - No data reported

< - Analyte not detected above associated reporting limit.

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

Soil sample results are based on a dry weight basis

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-01(0-.5)	FAY-SSASI-SB-02	FAY-SSASI-SB-03	FAY-SSASI-SB-04	FAY-SSASI-SB-05	FAY-SSASI-SB-06	FAY-SSASI-SB-07	FAY-SSASI-SB-08	FAY-SSASI-SB-09(0-.5)	FAY-SSASI-SB-10	FAY-SSASI-SB-11
Location ID	SSASI-SB-01	SSASI-SB-02	SSASI-SB-03	SSASI-SB-04	SSASI-SB-05	SSASI-SB-06	SSASI-SB-07	SSASI-SB-08	SSASI-SB-09	SSASI-SB-10	SSASI-SB-11
Sample Date	11/27/2017	11/27/2017	11/27/2017	11/27/2017	11/27/2017	11/28/2017	11/28/2017	11/28/2017	11/28/2017	11/28/2017	11/28/2017
QA/QC											
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1	320-33820-1
Lab Sample ID	320-33820-1	320-33820-2	320-33820-3	320-33820-4	320-33820-5	320-33820-6	320-33820-7	320-33820-8	320-33820-9	320-33820-10	320-33820-11
Table 3+ SPLP SOP (ng/L)											
HFPO-DA	**26**	**150**	**150**	**1,700**	**740**	**11**	**15**	**95**	**110**	**140**	**210**
Other PFAS SPLP (ng/L)											
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.0**	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	**2.4**	**3.9**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	**2.6**	**3.2**	**6.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	<2.0	**4.3**	**5.6**	**24**	<2.0	<2.0	**2.5**	<2.0	**4.8**	<2.0	<2.0
Perfluoropentanoic Acid	<2.0	**15**	**16**	**12**	**9.3**	<2.0	<2.0	**3.8**	<2.0	<2.0	**4.8**
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	<2.0	**4.9**	**13**	**3.2**	<2.0	**2.5**	**6.4**	<2.0	**6.0**	**7.0**	**8.5**
PFOS	**2.1**	**36**	**81**	<2.0	<2.0	<2.0	**6.0**	<2.0	**4.2**	**2.9**	**2.3**

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-12	FAY-SSASI-SB-13	FAY-SSASI-SB-14	FAY-SSASI-SB-15	FAY-SSASI-SB-16	FAY-SSASI-SB-17	FAY-SSASI-SB-18	FAY-SSASI-SB-19	FAY-SSASI-SB-20	FAY-SSASI-SB-21	FAY-SSASI-SB-22
Location ID	**SSASI-SB-12**	**SSASI-SB-13**	**SSASI-SB-14**	**SSASI-SB-15**	**SSASI-SB-16**	**SSASI-SB-17**	**SSASI-SB-18**	**SSASI-SB-19**	**SSASI-SB-20**	**SSASI-SB-21**	**SSASI-SB-22**
Sample Date	**11/28/2017**	**11/28/2017**	**11/28/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**
QA/QC											
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**
Lab Sample ID	**320-33820-12**	**320-33820-13**	**320-33820-14**	**320-33820-15**	**320-33820-17**	**320-33820-18**	**320-33820-19**	**320-33820-20**	**320-33820-21**	**320-33820-22**	**320-33820-23**
Table 3+ SPLP SOP (ng/L)											
HFPO-DA	**80**	**34**	**33**	**380**	**59**	**160**	**110**	**15**	**93**	**35**	**100**
Other PFAS SPLP (ng/L)											
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	**2.4**	**2.1**	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	**4.5**	<2.0	<2.0	<2.0	<2.0	**2.7**	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.2**
Perfluorohexanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.5**	<2.0	<2.0
Perfluorononanoic Acid	<2.0	<2.0	<2.0	**4.3**	**4.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoropentanoic Acid	<2.0	<2.0	<2.0	**8.7 J**	<2.0	<2.0	<2.0	<2.0	**5.8**	<2.0	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	**3.4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PFOA	**16**	**11**	**10**	<2.0	**6.0**	<2.0	**9.8**	<2.0	**13**	**4.7**	**8.3**
PFOS	**3.0**	**3.2**	<2.0	<2.0	**3.0**	<2.0	<2.0	<2.0	**3.1**	**3.0**	**49**

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-23	FAY-SSASI-SB-24	FAY-SSASI-SB-25	FAY-SSASI-SB-26	FAY-SSASI-SB-27	FAY-SSASI-SB-28	FAY-SSASI-SB-29	FAY-SSASI-SB-15-D	FAY-SSASI-SB-09(4.5-5)	FAY-SSASI-SB-09(9.5-10)	FAY-SSASI-SB-30
Location ID	**SSASI-SB-23**	**SSASI-SB-24**	**SSASI-SB-25**	**SSASI-SB-26**	**SSASI-SB-27**	**SSASI-SB-28**	**SSASI-SB-29**	**SSASI-SB-15**	**SSASI-SB-09**	**SSASI-SB-09**	**SSASI-SB-30**
Sample Date	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/29/2017**	**11/30/2017**	**11/30/2017**	**11/30/2017**
QA/QC								**Field Duplicate**			
Sample Matrix	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**Solid**	**Solid**	**SOLID**
Sample Delivery Group (SDG)	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**
Lab Sample ID	**320-33820-24**	**320-33820-25**	**320-33820-26**	**320-33820-27**	**320-33820-28**	**320-33820-29**	**320-33820-30**	**320-33820-16**	**320-33820-34**	**320-33820-35**	**320-33820-31**
Table 3+ SPLP SOP (ng/L)											
HFPO-DA	**640 J**	**72**	**120**	**39**	**79**	**18**	**73**	**230**	**39**	**130**	**55**
Other PFAS SPLP (ng/L)											
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Perfluorobutane Sulfonic Acid	<2.0	<2.0	**2.7**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.3**
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid	**2.1**	**7.0**	<2.0	<2.0	<2.0	<2.0	**2.7**	**2.6**	<2.0	<2.0	**4.2**
Perfluoropentanoic Acid	<2.0	<2.0	**2.7**	<2.0	<2.0	<2.0	**2.1**	**3.9 J**	<2.0	<2.0	<2.0
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**4.0**	<2.0	<2.0	<2.0
PFOA	<2.0	**2.7**	**2.7**	<2.0	<2.0	<2.0	**5.2**	<2.0	**7.9**	**4.9**	<2.0
PFOS	**2.2**	**4.9**	**2.4**	<2.0	<2.0	**9.0**	**7.5**	<2.0	<2.0	<2.0	**3.4**

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-SSASI-SB-31	FAY-SSASI-SB-30-D	FAY-SSASI-Sb-01(4.5-5)	FAY-SSASI-Sb-01(9.5-10)	FAY-SSASI-Sb-32(0.0-0.5)	FAY-SSASI-Sb-32(4.5-5)	FAY-SSASI-Sb-32(9.5-10)	FAY-DCH-VES-A (18-24)	FAY-DCH-VES-B (14-20)	FAY-DCH-VES-C-2 (0-7)	FAY-DCH-VES-D(13-19)
Location ID	**SSASI-SB-31**	**SSASI-SB-30**	**SSASI-SB-01**	**SSASI-SB-01**	**SSASI-SB-32**	**SSASI-SB-32**	**SSASI-SB-32**	**DCH-VES-A**	**DCH-VES-B**	**DCH-VES-C**	**DCH-VES-D**
Sample Date	**11/30/2017**	**11/30/2017**	**12/01/2017**	**12/01/2017**	**12/01/2017**	**12/01/2017**	**12/01/2017**	**02/08/2018**	**02/08/2018**	**02/08/2018**	**02/08/2018**
QA/QC		**Field Duplicate**									
Sample Matrix	**SOLID**	**SOLID**	**Solid**	**Solid**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**320-33820-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**	**280-106399-1**
Lab Sample ID	**320-33820-33**	**320-33820-32**	**320-33820-36**	**320-33820-37**	**320-33820-38**	**320-33820-39**	**320-33820-40**	**280-106399-12**	**280-106399-13**	**280-106399-10**	**280-106399-16**
Table 3+ SPLP SOP (ng/L)											
HFPO-DA	**80**	**50**	**14**	<10	<10	**11**	**30**	**140**	**120**	**87**	**420**
Other PFAS SPLP (ng/L)											
N-ethyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	<20	<20	<20	<20	<20	<20	<20	--	--	--	--
Perfluorobutane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorodecanoic Acid	<2.0	**2.3**	<2.0	<2.0	<2.0	**3.8**	<2.0	--	--	--	--
Perfluorododecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluoroheptanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorohexane Sulfonic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorohexanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorononanoic Acid	**3.3**	<2.0	<2.0	<2.0	**8.6**	**2.6**	<2.0	--	--	--	--
Perfluoropentanoic Acid	**2.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorotetradecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluorotridecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--
Perfluoroundecanoic Acid	<2.0	<2.0	<2.0	<2.0	<2.0	**3.4**	<2.0	--	--	--	--
PFOA	<2.0	<2.0	**2.2**	<2.0	<2.0	<2.0	<2.0	--	--	--	--
PFOS	**2.1**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	--	--

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-DCH-VES-F (0-5)	FAY-DCH-VES-M-(18-24)	FAY-DCH-VES-P-(17-22)	FAY-DCH-VES-B-D (14-20)	FAY-DCH-VES-E (0-9)	FAY-DCH-VES-G-3 (0-7)	FAY-DCH-VES-O (18-24)	FAY-DCH-VES-H (0-6)	FAY-DCH-VES-I (0-6)	FAY-DCH-VES-J (7-13)	FAY-DCH-VES-K (0-6)
Location ID	DCH-VES-F	DCH-VES-M	DCH-VES-P	DCH-VES-B	DCH-VES-E	DCH-VES-G	DCH-VES-O	DCH-VES-H	DCH-VES-I	DCH-VES-J	DCH-VES-K
Sample Date	02/08/2018	02/08/2018	02/08/2018	02/08/2018	02/09/2018	02/09/2018	02/09/2018	02/13/2018	02/13/2018	02/13/2018	02/13/2018
QA/QC				Field Duplicate							
Sample Matrix	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Delivery Group (SDG)	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1	280-106399-1
Lab Sample ID	280-106399-15	280-106399-17	280-106399-18	280-106399-14	280-106399-21	280-106399-19	280-106399-22	280-106399-6	280-106399-5	280-106399-7	280-106399-4
Table 3+ SPLP SOP (ng/L)											
HFPO-DA	**67**	**330**	**150**	**150**	**180**	**140**	**650**	**300**	**690**	**1,500**	**18,000**
Other PFAS SPLP (ng/L)											
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--	--	--	--	--	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorobutane Sulfonic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorodecanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorododecanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluoroheptanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorohexane Sulfonic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorohexanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorononanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluoropentanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorotetradecanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluorotridecanoic Acid	--	--	--	--	--	--	--	--	--	--	--
Perfluoroundecanoic Acid	--	--	--	--	--	--	--	--	--	--	--
PFOA	--	--	--	--	--	--	--	--	--	--	--
PFOS	--	--	--	--	--	--	--	--	--	--	--

TABLE C2
ONSITE SOIL LEACHATE RESULTS
Chemours Fayetteville Works, North Carolina

Field Sample ID	FAY-DCH-VES-L (18-24)	FAY-DCH-VES-N (0-7)
Location ID	**DCH-VES-L**	**DCH-VES-N**
Sample Date	**02/13/2018**	**02/13/2018**
QA/QC		
Sample Matrix	**SOLID**	**SOLID**
Sample Delivery Group (SDG)	**280-106399-1**	**280-106399-1**
Lab Sample ID	**280-106399-1**	**280-106399-2**
Table 3+ SPLP SOP (ng/L)		
HFPO-DA	**480**	**360**
Other PFAS SPLP (ng/L)		
N-ethyl perfluorooctane sulfonamidoacetic acid	--	--
N-methyl perfluorooctane sulfonamidoacetic acid	--	--
Perfluorobutane Sulfonic Acid	--	--
Perfluorodecanoic Acid	--	--
Perfluorododecanoic Acid	--	--
Perfluoroheptanoic Acid	--	--
Perfluorohexane Sulfonic Acid	--	--
Perfluorohexanoic Acid	--	--
Perfluorononanoic Acid	--	--
Perfluoropentanoic Acid	--	--
Perfluorotetradecanoic Acid	--	--
Perfluorotridecanoic Acid	--	--
Perfluoroundecanoic Acid	--	--
PFOA	--	--
PFOS	--	--

Notes
Bold - Analyte detected above associated reporting limit
B - Not detected substantially above the level reported in the laboratory or field blanks.
J - Analyte detected. Reported value may not be accurate or precise
ng/L - nanograms per liter
QA/QC - Quality assurance/ quality control
SOP - standard operating procedure
SPLP - Synthetic Precipitation Leaching Procedure
UJ – Analyte not detected. Reporting limit may not be accurate or precise.
-- - No data reported
< - Analyte not detected above associated reporting limit.

Attachment D

Fire Training Area Supplementary Information

Safety Data Sheet

This safety data sheet complies with the requirements of: 2012 OSHA Hazard Communication Standard (29CFR 1910.1200)

Product name FORAY® ABC Multi-Purpose Dry Chemical

1. Identification

1.1. Product Identifier

Product name FORAY® ABC Multi-Purpose Dry Chemical

1.2. Other means of identification

Product code 009361
Synonyms None
Chemical Family No information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use Fire extinguishing agent.
Uses advised against Consumer use.

1.4. Details of the Supplier of the Safety Data Sheet

Company Name Tyco Fire Protection Products
One Stanton Street
Marinette, WI 54143-2542
Telephone: 715-735-7411
Contact point Product Stewardship at 1-715-735-7411
E-mail address psra@tycofp.com

1.5. Emergency Telephone Number

Emergency telephone CHEMTREC 001-800-424-9300 or 001-703-527-3887

2. Hazards Identification

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2. Label Elements

Signal Word
None

Hazard Statements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Precautionary Statements

2.3. Hazards Not Otherwise Classified (HNOC)

Not Applicable.

2.4. Other Information

3. Composition/information on Ingredients

3.1. Mixture

The following component(s) in this product are considered hazardous under applicable OSHA(USA)

Chemical name	CAS No.	weight-%
Attapulgite	12174-11-7	1 - 5
Calcium carbonate	471-34-1	1 - 5

4. First aid measures

4.1. Description of first aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin contact Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhalation If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Ingestion If swallowed. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

5.1. Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Unsuitable Extinguishing Media

None.

5.3. Specific Hazards Arising from the Chemical

None in particular.

5.4. Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

5.5. Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions Provide adequate ventilation. Avoid creating dust. Avoid breathing dust/fume/gas/mist/vapors/spray.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment Stop leak if you can do it without risk. If sweeping of a contaminated area is necessary use a dust suppressing agent which does not react with product. Dike far ahead of spill; use dry sand to contain the flow of material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for Cleaning Up Following product recovery, flush area with water.

7. Handling and Storage

7.1. Precautions for Safe Handling

Advice on safe handling Avoid generation of dust. Do not breathe dust/fume/gas/mist/vapors/spray. Use with local exhaust ventilation. Use personal protective equipment as required. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a well-ventilated place. Keep cool. Keep container tightly closed. Guard against dust accumulation of material. Use care in handling/storage.

Incompatible Materials Strong acids.

8. Exposure Controls/Personal Protection

8.1. Control Parameters

Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
Attapulgite 12174-11-7	TWA: 1 mg/m³ respirable particulate matter	-	-	-
Calcium carbonate 471-34-1	-	-	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust	-

ACGIH (American Conference of Governmental Industrial Hygienists). OSHA (Occupational Safety and Health Administration of the US Department of Labor). NIOSH IDLH: Immediately Dangerous to Life or Health

8.2. Appropriate Engineering Controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures, such as personal protective equipment

Eye/Face Protection	Avoid contact with eyes. Tight sealing safety goggles.
Skin and Body Protection	No special precautions are needed in handling this material.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Ventilation	Use local exhaust or general dilution ventilation to control exposure with applicable limits

8.4. General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State	powder		
Odor	odorless	**Color**	Yellow
Odor Threshold	No data available		

Property	**Values**	**Remarks • Method**
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash Point	No data available	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability limit in air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Specific gravity	No data available	
Water Solubility	No data available	
Solubility in Other Solvents	No data available	
Partition coefficient	No data available	
Autoignition Temperature	No data available	
Decomposition Temperature	No data available	
Kinematic viscosity	No data available	

10. Stability and Reactivity

10.1. Chemical Stability

Stable under recommended storage conditions.

10.2. Reactivity

No data available

10.3. Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

10.4. Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible Materials

Strong acids.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological Information

11.1. Information on Likely Routes of Exposure

Product information

Inhalation May cause irritation of respiratory tract.

Eye Contact May cause irritation.

Skin contact May cause irritation.

Ingestion Ingestion may cause irritation to mucous membranes.

Component Information
Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium carbonate 471-34-1	= 6450 mg/kg (Rat)	-	-

11.2. Information on Toxicological Effects

Symptoms No information available.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Attapulgite (palygorskite fibers) is a hydrated magnesium aluminum silicate. Long palygorskite (attapulgite) fibers (>5 micrometers) are possibly carcinogenic to humans (Group 2B). Short palygorskite (attapulgite) fibers (<5 micrometers) cannot be classified as to their carcinogenicity to humans (Group 3). The attapulgite present in this product contains fibers 0.5-2.5 um range, so would be considered by IARC as Group 3. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Attapulgite 12174-11-7	-	Group 3	-	X

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive Toxicity No information available.
STOT - Single Exposure No information available.
STOT - Repeated Exposure No information available.

Target organ effects Eyes, Respiratory System, Skin.
Aspiration Hazard No information available.

11.4. Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (dermal) 8156 mg/kg

12. Ecological Information

12.1. Ecotoxicity

Not classified.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ammonium sulfate, technical 7783-20-2	-	LC50 96 h 460 - 1000 mg/L Leuciscus idus static; LC50 96 h 123 - 128 mg/L Poecilia reticulata semi-static; LC50 96 h = 126 mg/L Poecilia reticulata; LC50 96 h > 100 mg/L Pimephales promelas; LC50 96 h 32.2 - 41.9 mg/L Oncorhynchus mykiss flow-through; LC50 96 h 5.2 - 8.2 mg/L Oncorhynchus mykiss static; LC50 96 h = 18 mg/L Cyprinus carpio; LC50 96 h = 480 mg/L Brachydanio rerio flow-through; LC50 96 h = 420 mg/L Brachydanio rerio semi-static; LC50 96 h = 250 mg/L Brachydanio rerio	LC50 48 h = 14 mg/L Daphnia magna; EC50 24 h = 423 mg/L Daphnia magna
Silicic Acid/silica gel, Amorphous 7631-86-9	EC50 (72h) = 440 mg/L Pseudokirchneriella subcapitata	LC50 (96h) static = 5000 mg/L Brachydanio rerio	EC50 (48h) = 7600 mg/L Ceriodaphnia dubia

12.2. Persistence and Degradability
No information available.

12.3. Bioaccumulation
No information available.

12.4. Other Adverse Effects
No information available

13. Disposal Considerations

13.1. Waste Treatment Methods
Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container.

14. Transport Information

DOT	NOT REGULATED
TDG	NOT REGULATED
MEX	NOT REGULATED
ICAO (air)	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED

15. Regulatory Information

15.1. International Inventories

TSCA	Complies
DSL/NDSL	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Does not comply
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values %
Ammonium dihydrogen phosphate - 7722-76-1	1.0
Ammonium sulfate, technical - 7783-20-2	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic health hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.3. US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Attapulgite - 12174-11-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Silicic Acid/silica gel, Amorphous 7631-86-9	-	X	X
Magnesium carbonate 546-93-0	X	X	-

16. Other information, including date of preparation of the last revision

NFPA	**Health Hazards** 0	**Flammability** 0	**Instability** 0	**Physical and chemical properties** -
HMIS	**Health Hazards** 0	**Flammability** 0	**Physical Hazards** 0	**Personal Protection** X

Revision date 12-Feb-2019
Revision note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Hazardous Waste Section

File Room Document Transmittal Sheet

Your Name:	Larry Stanley
EPA ID:	N C D 0 4 7 3 6 8 6 4 2
Facility Name:	DuPont-Fayetteville
Document Group:	Permit (P)
Document Type:	Correspondence (C)
Description:	Use of chemicals for required firefighting training purposes
Date of Doc:	8/5/2011
Author of Doc:	DuPont Fayetteville

File Room Use Only

	Month	Day	Year
Date Recieved by File Room:	10	28	2011
Date Scanned:	10	28	2011

Scanner's Initials: RKB

DuPont Fluoroproducts
Fayetteville Works Plant
22828 NC Highway 87 West
Fayetteville, NC 28306-7332

August 5, 2011

Ms. Elizabeth Cannon
N.C. Hazardous Waste Section Chief
NCDENR – Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

SUBJECT: Use of Chemicals for Required Firefighting Training Purposes
DuPont Company – Fayetteville Works
Hazardous Waste Management Permit No. NCD 047 368 642

Dear Ms. Cannon:

This letter is a request that the NCDENR Hazardous Waste Section provide guidance regarding the DuPont Company – Fayetteville Works ("DuPont") conducting required training of this facility's fire brigade members, while complying with the restrictions of the North Carolina groundwater rules ("2L Rule") and the Corrective Action conditions of the subject RCRA Part B Permit.

The Occupational Safety and Health Administration ("OSHA") has the following training and education requirement for fire brigade members:

29 CFR 1910.156(c)(1) – Fire brigades – Training and education

The employer shall provide training and education for all fire brigade members commensurate with those duties and functions that fire brigade members are expected to perform. Such training and education shall be provided to fire brigade members before they perform fire brigade emergency activities. Fire brigade leaders and training instructors shall be provided with training and education which is more comprehensive than that provided to the general membership of the fire brigade.

The National Fire Protection Association ("NFPA") has a similar standard for Industrial Fire Brigades, found in NFPA 600 (2010 Edition) Section 4.3 that reads as follows:

> **NFPA 600 – Section 4.3 – Education, Training, and Drills**
>
> **4.3.1** A training and education program shall be established and maintained for all industrial fire brigade members to ensure that they are able to perform their assigned response duties in a manner that does not pose a hazard to themselves or other members.
>
> **4.3.2** All members shall be trained to a level of competency commensurate with the response duties and functions that they are expected to perform, including the operation of all of the fire-fighting and rescue equipment and systems they are expected to use.

The issue for DuPont is the requirement to provide the OSHA required hands-on training of certain firefighting activities versus the Corrective Action requirements found in Part V(C) of the subject permit, which deals with the release of substances into the environment.

There are two fire brigade training activities that seemingly are in conflict with the North Carolina Groundwater Standards and/or that could result in new Areas of Concern because of the release of chemicals to the ground. Those activities are described below.

FIRE WATER DRAFTING DURING TRAINING EXERCISES

Fire water drafting is a technique whereby the fire engine pump draws water from a surface water source, such as a stream or pond, that is below the suction of the pump. In practice, a primer lubricant is used in the priming pump to ensure adequate vertical lift can be achieved to fill the suction hose with water, allowing the main fire engine pump to begin discharging. At this site, propylene glycol is the substance used as the primer lubricant, in lieu of the manufacturer's recommendation of using SAE 30 motor oil as the lubricant.

The result of successful water drafting during a live firefighting training exercise would be the discharge of approximately 0.5 gallons or 5 pounds of propylene glycol to the ground beneath the engine. All of the DuPont's Shift Emergency Response Teams must complete training during two separate live training exercises, therefore approximately 10 pounds of propylene glycol would be released to the ground each year.

There is no North Carolina 2L standard for propylene glycol, therefore the standard for the concentration of propylene glycol in groundwater becomes the practical quantification limit.

Pursuant to 15A NCAC 2L .0103(d): "No person shall conduct or cause to be conducted, any activity which causes the concentration of any substance to exceed" the 2L standard for that substance.

Therefore, it would appear that fire brigades and fire departments in North Carolina would not be able to train on fire water drafting and use propylene glycol as the primer lubricant without violating the 2L Rule.

USE OF SUPPRESSANT FOAM DURING TRAINING EXERCISES

Some fires, such as flammable liquid fires, require the use of a suppressant foam to extinguish the fire. This foam is produced by pumping a specific ratio of water and foam's liquid concentrate through a mixing nozzle, which results in the discharge of a non-combustible suppressant foam from the fire engine.

The suppressant foam that this site would use is National Foam™ Universal® 1% / 3% Low Viscosity Alcohol Resistant Aqueous Film Forming Foam ("AR-AFFF"). The MSDS for that product is enclosed.

The result of using this suppressant foam during a live firefighting training exercise would be the discharge of approximately fifty (50) gallons or 440 pounds of the AR-AFFF product to the ground. All of the DuPont's Shift Emergency Response Teams must complete training during two separate live training exercises, therefore approximately 900 pounds of the AR-AFFF product would be released to the ground each year .

There are no North Carolina 2L standards for any of the chemicals listed for this foam. There is a 2L standard for "foaming agents" of 500 µg/L that could apply to the AR-AFFF product.

It would be conceivable that discharging 900 pounds per year of a foaming agent to the ground during the live training exercises could result in greater than of 500 µg/L of that substance in the groundwater beneath the training area.

Therefore, it would appear that fire brigades and fire departments in North Carolina would not be able to perform the required training with a suppressant foam without violating the 2L Rule.

SUMMARY

In summary, DuPont requests that the NCDENR Hazardous Waste Section consider this issue and provide guidance as to how a facility can comply with the OSHA requirement to train fire brigade members, but also comply with the North Carolina 2L groundwater rule and the Corrective Action conditions of a RCRA Part B Permit.

If you should have any questions or need additional information, feel free to call me at (910) 678-1155.

Sincerely,

Michael E. Johnson
Environmental Manager

Enclosure

National Foam

MATERIAL SAFETY DATA SHEET #NMS425

Universal® 1%/3% Low Viscosity

ALCOHOL RESISTANT AQUEOUS FILM FORMING FOAM (AR-AFFF)

Liquid Concentrate

Section 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

Product: Universal® 1%/3%, Fire Fighting Foam Concentrate
Synonyms: Alcohol Resistant Aqueous Film Forming Foam (AR-AFFF)
CAS No: Mixture - No single CAS # applicable

Company Identification
Manufacturer:
National Foam, Inc.
180 Sheree Boulevard, Suite 3900
P.O. Box 695
Exton, PA 19341-0695
Emergency Phone Number (Red Alert): (610) 363-1400 (U.S.A.)
Fax (610) 524-9073
www.Kidde-Fire.com

Section 2. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	% Weight
Water	7732-18-5	76 – 90%
Proprietary mixture of synthetic detergents	No single CAS # applicable	6 – 12%
(2-Methoxymethylethoxy) Propanol	34590-94-8	2 – 5%
Fluoroalkyl Surfactant	Proprietary	1 – 3%
Foam Stabilizer	Proprietary	0.5 – 2.0%
Polysaccharide	11138-66-2	0.5 – 2.0%

Section 3. HAZARDS IDENTIFICATION

Potential Health Effects

Inhalation
Vapors are minimal at room temperature. If product is heated or sprayed as an aerosol, airborne material may cause respiratory irritation.

Skin Contact
Contact with liquid may cause moderate irritation or dermatitis due to removal of oils from the skin.

Eye Contact
Product is an eye irritant.

Ingestion
Not a hazard in normal industrial use. Small amounts swallowed during normal handling operations are not likely to cause injury; swallowing large amounts may cause injury or irritation.

Additional Health Effects
Existing eye or skin sensitivity may be aggravated by exposure.

Carcinogenicity Information
No data available.

Section 4. FIRST AID MEASURES

Inhalation
No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of airborne aerosol mists, remove to fresh air. Seek medical attention if effects occur.

Skin Contact
In case of skin contact, wash off in flowing water or shower. Launder clothing before reuse.

Eye Contact
In case of eye contact, immediately flush eyes with water for 15 minutes. Retract eyelids often to ensure thorough rinsing. Contact a physician if irritation persists.

Ingestion
Do not induce vomiting. Give milk or water. Never administer anything by mouth to an unconscious person. Seek medical attention.

Section 5. FIRE FIGHTING MEASURES

Flammable Properties
Flash Point – Not applicable.

Fire and Explosion Hazards
Avoid contact with water reactive materials, burning metals and electrically energized equipment.

Extinguishing Media
Product is an extinguishing media. Use media appropriate for surrounding materials.

Special Fire Fighting Instructions
This product will foam when mixed with water.

Section 6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)
NOTE: Review FIRE FIGHTING MEASURES and HANDLING (Personnel) sections before proceeding with clean up. Use appropriate Personal Protective Equipment during clean up.

Accidental Release Measures

Stop flow if possible. Use appropriate protective equipment during clean up. For small volume releases, collect spilled concentrate with absorbent material; place in approved container. For large volume releases, contain and collect for use where possible. Flush area with water until it no longer foams. Exercise caution, surfaces may be slippery. Prevent discharge of concentrate to waterways. Disposal should be made in accordance with federal, state and local regulations.

Section 7. HANDLING AND STORAGE

Handling (Personnel)
Avoid contact with eyes, skin or clothing. Avoid ingestion or inhalation. Rinse skin and eyes thoroughly in case of contact. Review HAZARDS and FIRST AID sections.

Storage
Recommended storage environment is between 35°F (2°C) and 120°F (49°C). Store product in original shipping container or tanks designed for product storage.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Special ventilation is not required.

Personal Protective Equipment

Respiratory
Recommended exposure limits (OSHA-PEL and ACGIH-TLV) have not been determined for this material. A qualified health specialist should evaluate the need for respiratory protection.

Protective Clothing
Rubber or PVC gloves recommended.

Eye Protection
Safety glasses, face shield or chemical splash goggles must be worn when possibility exists for eye contact. Contact lenses should not be worn. Eye wash facilities are recommended.

Other Hygienic Practices
Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before re-use.

Exposure Guidelines

Exposure Limits
(2-Methoxymethylethoxy) Propanol (34590-94-8)

PEL(OSHA)
100 ppm, 8 hr. TWA Skin
150 ppm, 15 min. STEL Skin

TLV (ACGIH)
100 ppm, 8 hr. TWA Skin
150 ppm, 15 min. STEL Skin

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Melting Point:	Not applicable
Evaporation Rate:	<1 (Butyl Acetate = 1.0)
pH:	8.2
Specific Gravity:	1.05 @ 25°C
Freezing Point	28°F (-2°C)
Odor:	Bland
Form:	Liquid

Color: Dark Amber

Section 10. STABILITY AND REACTIVITY

Chemical Stability
Stable.

Incompatibility, Materials to Avoid
Avoid use of product on burning metals, electrically energized equipment and contact with water reactive materials.

Polymerization
Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

This product has not been tested as a whole for acute oral and inhalation toxicity, primary eye irritation, or primary skin irritation.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicological Information /Aquatic Toxicity
No data available.

Environmental Fate

BOD_5 No data available

COD No data available

Section 13. DISPOSAL CONSIDERATIONS

Universal® 1%/3% Low Viscosity, as sold, is not a RCRA-listed waste or hazardous waste as characterized by 40 CFR 261. However, State and local requirements for waste disposal may be more restrictive or otherwise different from Federal regulations. Therefore, applicable local and state regulatory agencies should be contacted regarding disposal of waste foam concentrate or foam/foam solution.

Concentrate
Do not discharge into biological sewer treatment systems without prior approval. Specific concerns may be high BOD load and foaming tendency. Dilution will reduce BOD and COD factors proportionately. Low dosage flow rate or antifoaming agents acceptable to the treatment plant may be helpful. Do not flush to waterways. Disposal should be made in accordance with federal, state and local regulations.

Foam/Foam Solution

Universal® 1%/3% Low Viscosity solution can be treated by wastewater treatment facilities. Discharge into biological sewer treatment facilities may be done with prior approval. Specific concerns are high BOD load. Dilution will reduce BOD and COD factors proportionately. Low dosage flow rate or antifoaming agents acceptable to the treatment plant may be helpful. Do not flush to waterways. Disposal should be made in accordance with federal, state, and local regulations.

NOTE: As a service to our customers, National Foam has approvals in place with disposal facilities throughout the U.S. for wastewater treatment of our foam liquid concentrates and foam solutions. If required, National Foam, Inc. can also provide information on the disposal of drums used for shipping our concentrates. Please contact National Foam's Risk Management Administrator at (610) 363-1400 for additional information.

Section 14. TRANSPORTATION INFORMATION

Shipping Information
Proper Shipping Name: Fire Extinguisher Charges or Compounds N.O.I., Class 70
National Motor Freight Code: 69160 Sub 0
Hazard Class: None
UN Number: None

Section 15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA)
All components of this product are listed in the TSCA inventory.

Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III

Section 302/304
There are no components of this material with known CAS numbers that are on the Extremely Hazardous Substances (EHS) list.

Section 311 & 312
Based on available information, this material contains the following components which are classified as the following health and/or physical hazards according to Section 311 & 312:
(2-Methoxymethylethoxy) Propanol 34590-94-8 (Flammability)

Section 313
This material does not contain any chemical components subject to Section 313 reporting requirements.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA)

This material does not contain any chemical components subject to the reporting requirements of CERCLA.

OTHER REGULATORY INFORMATION

None.

STATE REGULATIONS

PENNSYLVANIA RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST

PA Hazardous Substances present at levels greater than 1%:
(2-Methoxymethylethoxy) Propanol 34590-94-8

Section 16. OTHER INFORMATION

NFPA Rating

Health 0
Flammability 0
Reactivity 0

ADDITIONAL INFORMATION

Preparation Date/Revision Number.....10/01/07

The information contained herein is furnished without warranty either expressed or implied. This data sheet is not a part of any contract of sale. The information contained herein is believed to be correct or is obtained from sources believed to be generally reliable. However, it is the responsibility of the user of these materials to investigate, understand and comply with federal, state and local guidelines and procedures for safe handling and use of these materials. National Foam, Inc. shall not be liable for any loss or damage arising directly or indirectly from the use of this product and National Foam, Inc. assumes no obligation or liabilities for reliance on the information contained herein or omissions herefrom.

October 1, 2007

Attachment E

Land Application of Waste Residuals Supplementary Information

Chemours™

The Chemours Company
Fluoroproducts
22828 NC Hwy 87 W
Fayetteville, NC 28306-7332

910-483-4681 o
chemours.com

CERTIFIED MAIL ARTICLE NUMBER 7016 1370 0001 3345 8740
RETURN RECEIPT REQUESTED

February 21, 2017

Mr. Joe Ghiold
NCDEQ – Division of Waste Management
Hazardous Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Subject: Land Application of River Sediment onto SWMU 9
Hazardous Waste Permit No. NCD 047 368 642-R2-M1

Dear Mr. Ghiold:

On August 30, 2016, I met with you and other N.C. Hazardous Waste Section ("HWS") personnel and presented a proposal whereby the Chemours Company – Fayetteville Works ("Chemours") would land apply river sediment ("residuals") from the Chemours' water treatment facility onto the Former Wastewater Treatment Lagoons (SWMU 9).

River Water Treatment Residuals

The residuals are generated from the treatment of water from the Cape Fear River, in which clarified process water is produced through the addition of aluminum sulfate ("alum") to flocculate the suspended sediment in the river water, allowing the sediment to be settled and filtered. The residuals from this water treatment process are pumped to one of two surface impoundment basins ("sediment basins"). When one sediment basin is full of the residuals, it is taken out of service and allowed to dry for four to five years.

When the residuals are adequately dry and can be handled, they are excavated from the sediment basin and land applied under the Chemours' Residuals Land Application Permit No. WQ0035431, issued by the NC Division of Water Resources.

Former Wastewater Treatment Lagoons (SWMU 9)

The Original WWTP Lagoons (SWMU 9C) consisted of six unlined lagoons used for the settling and dewatering of wasted activated sludge from the site's Wastewater Treatment Plant (WWTP) treated wastewater. These lagoons were used from 1972 until 1979 when the newer lagoons (SWMU 9A-B) were started-up. The lagoons were in-ground and unlined, and received both process and sanitary treated wastewater. Wastewater treatment in the lagoons ended in 1979. The accumulated sludge was not removed. The lagoons were covered with clean soil and abandoned in place.

The Former WWTP Lagoons (SWMU 9A-B) consisted of unlined lagoons used for the settling and dewatering of wasted activated sludge from the WWTP treated wastewater. These lagoons were used from 1979 until the current WWTP's filter press was completed. The lagoons were in-ground and unlined, and received both process and sanitary treated wastewater. Wastewater treatment in the lagoons ended in 1985. All activated sludge was removed in 1990. The lagoons were backfilled with the same soil that was removed to construct them.

Since 1990, the area of SWMU 9 has remained as an open grass field. See Attachments A and B for an aerial map of the location of SWMU 9A-C and the proposed land application field.

Corrective Action Status of SWMU 9

SWMU 9C was designated as "No Further Action" in the original RFA report. The phase 3 investigative sampling has been completed for SWMU 9A-B, and as a result, SWMU 9A-B has been designated as "No Further Action" in the final RFI report, which NC-HWS has accepted.

Analytical Data of River Sediment ("Residuals")

At the conclusion of the 2016 meeting, you requested Chemours submit analytical results from any testing of the residuals.

- Attachment C is the Residuals Source Certification Attachment (Form RSCA) that provided the required information to the N.C. Division of Water Quality (now the Division of Water Resources) of the analytical data for the residuals sampled in March 2010. This data was reported in the original Residuals Land Application Permit application. These samples were taken directly from the North Sediment Basin.
    - Section II(3) is the hazardous waste determination for the residuals.
    - Section II(4) is the total metals determination for the residuals.
    - Section II(5) is the nutrient/micronutrient determination for the residuals.
    - Section II(6) is the perfluorooctanoic acid (PFOA) determination for the residuals.

- Attachment D is the information submitted in the 2011 Annual Report to the N.C. Division of Water Quality (now the Division of Water Resources) of the analytical data for the residuals from the North Sediment Basin that were land applied under Residuals Land Application Permit WQ0035431 in November 2011. These samples were a representative composite of the residuals that were land applied onto an area in the northern part of the Chemours property. Attachment D reports the following information:
  - The RCRA hazardous characteristics (D001, D002, and D003) for the residuals.
  - The RCRA toxicity characteristic contaminants (via TCLP) for the residuals.
  - Annual Residual Sampling Summary Form (Form RSSF-B) of total metals and nutrient/micronutrient determination for the residuals.

There would be no reason for the residuals in the South Sediment Basin to be appreciably different in composition than the residuals that were removed from the North Sediment Basin during November 2011.

Requested Use of SWMU 9 for Land Application of River Sediment Residuals

In conclusion, Chemours requests that the HWS grant approval for these residuals to be land applied onto SWMU 9. The South Sediment Basin has been inactive and drying since 2012, and is in need of excavation of the dried residuals. As is seen in Attachment B, SWMU 9 represents a large area of the proposed land application field.

If you have any questions or need additional information regarding this request, please contact me at (910) 678-1155.

Sincerely,

Michael E. Johnson, PE
Environmental Manager

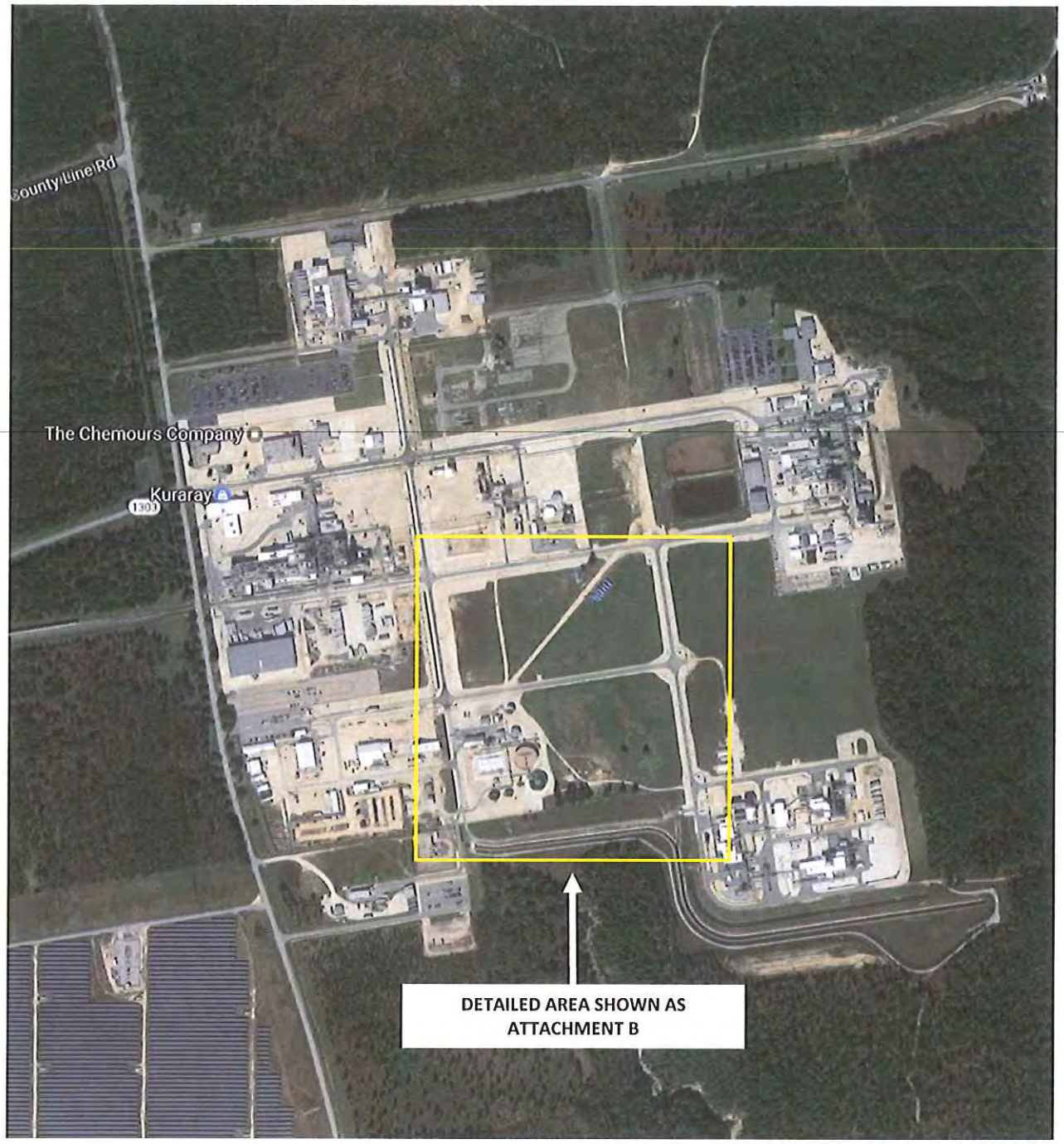
Attachments

cc: Mr. Carl Utterback, NCDEQ – DWM, Hazardous Waste Section, Raleigh

ATTACHMENT A

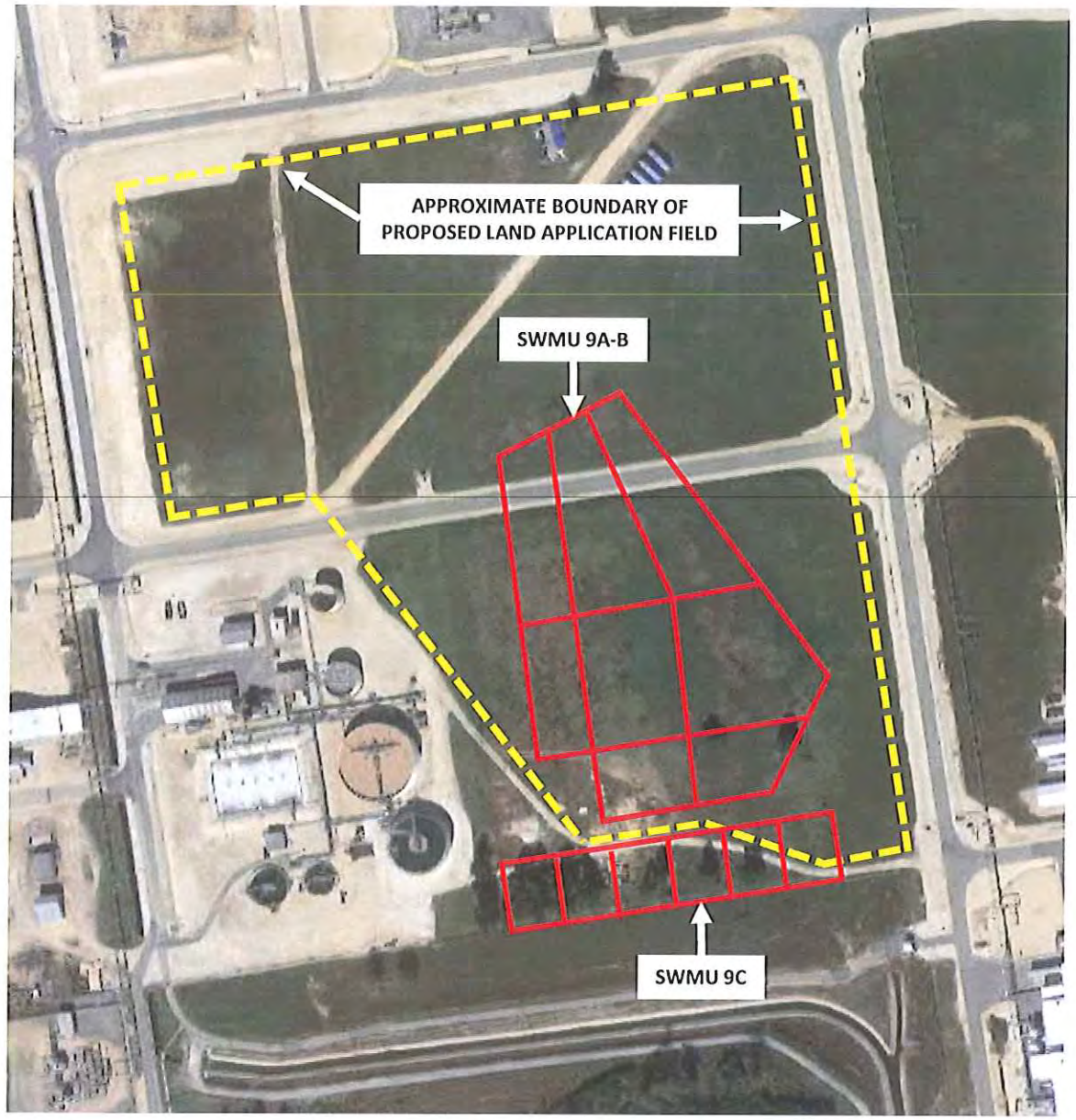
THE CHEMOURS COMPANY FC, LLC – FAYETTEVILLE (NC) WORKS FACILITY

AERIAL PHOTOGRAPH OF MANUFACTUIRNG AREA



ATTACHMENT B

LOCATION OF FORMER WASTEWATER TREATMENT LAGOONS (SWMU 9) AND APPROXIMATE BOUNDARY OF PROPOSED LAND APPLICATION FIELD



ATTACHMENT C

State of North Carolina
Department of Environment and Natural Resources
Division of Water Quality

RESIDUALS SOURCE CERTIFICATION ATTACHMENT
(FORM: RSCA 070807)

Applicant's name: DuPont Company – Fayetteville Works

Check all that apply: ☒ NEW RESIDUALS PROGRAM ☐ RENEWED RESIDUALS PROGRAM

☐ INCREASE ☐ DECREASE the maximum permitted annual dry tonnage for this residuals source-generating facility certified for this residuals program.

Current: None **Dry Tons/yr. and proposed:** 9257 **Dry Tons/yr.**

X ADD ☐ DELETE this residuals source-generating facility to/from those certified for this residuals program.

☐ OTHER Explain: _____

I. RESIDUALS SOURCE-GENERATING FACILITY INFORMATION (See Instruction B.):

1. Name of facility: DuPont Company – Fayetteville Works

2. Facility permit holder: _____

   Facility permit holder is (check one): ☐ federal, ☐ state, ☐ local government, or ☒ private.

   Facility permit number: _____

   Facility permit issued by (check one): ☒ Div. of Water Quality, ☐ Div. of Environmental Health, or ☐ other (explain: _____).

3. If the facility permit is not issued by the Div. of Water Quality, complete the following:

   a. Facility contact person and title: _____

      Facility complete mailing address: _____

      City: _____ State: _____ Zip: _____

      Telephone number: (_____) _____ Facsimile number: (_____) _____

      E-mail address: _____

   b. Facility complete location address: _____

      City: _____ State: _____ Zip: _____

      Latitude: _____ and longitude: _____

4. County where facility is located: Bladen

5. Purpose of the facility (check one):

   ☐ treatment of municipal wastewater, ☐ treatment of 100% domestic wastewater,

   ☐ treatment of potable water, ☐ treatment of 100% industrial wastewater,

   ☐ treatment of industrial wastewater mixed with domestic wastewater, or (approximate percentages: _____ % industrial and _____ % domestic)

   ☒ other (explain: Treatment of non-potable water from Cape Fear River)

6. Does the facility have an approved pretreatment program: ☐ yes ☒ no

7. Facility permitted/design flow: 3 MGD and facility average daily flow: 2.5 MGD.

8. Average amount of residuals being generated at this facility 1,500 dry tons per year.

9. Specify the following regarding treatment and storage volumes available at the facility:

   Type and volume of residuals treatment: Raw water (Cape Fear River) treatment system residuals solids from clarifier and backwash from the gravity filters. Approximately 9,257 dry tons of solids are accumulated in each basin.

   Type and volume of residuals storage (i.e., outside of residuals treatment units): Two 4.2 acre filter residual solids retention basins

II. RESIDUALS QUALITY INFORMATION (See Instruction C.):

1. Specify if residuals are regulated under (check one): ☐ 40 CFR Part 503 or ☒ 40 CFR Part 257.
2. Specify if residuals are intended for (check one):

   ☒ Land Application/Distribution (Class A or Equivalent).
   Complete all items EXCEPT Items II. 4b., 7b., and 7c.

   ☐ Land Application (Class B or Equivalent).
   Complete all items EXCEPT Items II. 4b., 7a., and 7c.

   ☐ Surface Disposal.
   Complete all items EXCEPT Items II. 4a., 5., 7a., 7b., and 8.

FORM: RSCA CONTINUES ON NEXT PAGE

3. **Hazardous Waste Determination:** Complete the following to demonstrate that the residuals are non-hazardous under RCRA:

   a. Are the residuals are listed in 40 CFR §261.31-§261.33: ☐ yes ☒ no.

   If yes, list the number(s): _____

   b. Specify whether or not the residuals exhibit any of the characteristics defined by 40 CFR §261.21-§261.24:

   ☐ yes ☒ no. Fill in the following tables with the results of the latest toxicity characteristic leaching procedure (TCLP) analysis as well as those for corrosivity, ignitability, and reactivity: laboratory: Compuchem and date of analysis: 3/25/10

   Passed corrosivity test: ☒ yes ☐ no. pH: 5.2 s.u. (2 < pH < 12.5).

   Passed ignitability test: ☒ yes ☐ no. Flashpoint: > 140 °F (> 140°F).

   Passed reactivity test: ☒ yes ☐ no. HCN: < 250 mg/kg (<250) & H_2S: < 250 mg/kg (<500).

TCLP Parameter	Limit *(mg/L)*	Result *(mg/L)*	TCLP Parameter	Limit *(mg/L)*	Result *(mg/L)*
Arsenic	5.0	0.017	Hexachlorobenzene	0.13	< 0.025
Barium	100.0	0.1	Hexachloro-1,3-Butadiene	0.5	< 0.025
Benzene	0.5	< 0.025	Hexachloroethane	3.0	< 0.025
Cadmium	1.0	< 0.5	Lead	5.0	< 0.009
Carbon Tetrachloride	0.5	< 0.025	Lindane	0.4	< 0.0005
Chlordane	0.03	< 0.0086	Mercury	0.2	< 0.1
Chlorobenzene	100.0	< 0.025	Methoxychlor	10.0	< 0.005
Chloroform	6.0	< 0.025	Methyl Ethyl Ketone	200.0	< 0.063
Chromium	5.0	0.0055	Nitrobenzene	2.0	< 0.025
m-Cresol	200.0	< 0.05	Pentachlorophenol	100.0	< 0.05
o-Cresol	200.0	< 0.05	Pyridine	5.0	< 0.025
p-Cresol	200.0	< 0.05	Selenium	1.0	0.018
Cresol	200.0	< 0.05	Silver	5.0	< 0.5
2,4-D	10.0	< 0.025	Tetrachloroethylene	0.7	< 0.025
1,4-Dichlorobenzene	7.5	< 0.025	Toxaphene	0.5	< 0.025
1,2-Dichloroethane	0.5	< 0.025	Trichloroethylene	0.5	< 0.025
1,1-Dichloroethylene	0.7	< 0.025	2,4,5-Trichlorophenol	400.0	< 0.05
2,4-Dinitrotoluene	0.13	< 0.025	2,4,6-Trichlorophenol	2.0	< 0.05
Endrin	0.02	< 0.001	2,4,5-TP (Silvex)	1.0	< 0.005
Heptachlor and its Hydroxide	0.008	< 0.0005	Vinyl Chloride	0.2	< 0.025

4. **Metals Determination:** Complete one of the following tables (i.e., as applicable) to demonstrate that the residuals do not violate the ceiling concentrations for metals regulated under 15A NCAC 02T .1105.

   a. ***For Class A or Class B:*** Fill in the following table with the results of the latest analyses (i.e., on a dry weight basis) for the following metal parameters:

   Laboratory: _____Compuchem_____ and date of analysis: ___3/25/10_____

Parameter	**Ceiling Concentration Limits** *(ClassA & ClassB)* *(mg/kg)*	**Monthly Average Concentration Limits** *(For Class A Only)* *(mg/kg)*	**Result** *(mg/kg)*
Arsenic	75	41	4.4
Cadmium	85	39	0.24
Copper	4,300	1,500	23.2
Lead	840	300	13.9
Mercury	57	17	< 0.06
Molybdenum	75	n/a	2.5
Nickel	420	420	7.3
Selenium	100	100	1.2
Zinc	7,500	2,800	46.1

   b. ***For Surface Disposal:*** Fill in the following table with the results of the latest analyses (i.e., on a dry weight basis) for the following metal parameters:

   Laboratory: _____ and date of analysis: _____

Closest Distance to Property Lines *(meters)*	**Arsenic** *(mg/kg)*	**Chromium** *(mg/kg)*	**Nickel** *(mg/kg)*
> 0 but < 25			
≥ 25 but < 50			
≥ 50 but < 75			
≥ 75 but < 100			
≥ 100 but < 125			
≥ 125 but < 150			
≥ 150			

5. **Nutrient/Micronutrient Determination:** Complete the following:

   a. Total solids: ___47_____ %.

   b. Fill in the following table with the results of the latest analyses (i.e., on a dry weight basis) for the following nutrient and micronutrient parameters: laboratory: _____Compuchem_____ and date of analysis: _____3/25/10_____

Parameter	Result *(mg/kg, dry weight)*
Aluminum	52,375
Ammonia-Nitrogen	< 0.58
Calcium	240
Magnesium	494
Nitrate-Nitrite Nitrogen	< 1.2
pH (Standard Unit)	5.2
Phosphorus	< 5
Potassium	292
Sodium	132.4
Total Kjeldahl Nitrogen	3.9

   c. Using the results listed in Item II. 5b. above, calculate the sodium adsorption ration (SAR): ____6.9___ .

   d. Specify the mineralization rate to be used in calculating the plant available nitrogen (PAN) of the residuals: ____40____ %. This rate is a ☒ default value or ☐ actually established.

   If the residuals are not generated from the treatment of municipal or domestic wastewater, explain or provide technical justification as to why the selected default value is appropriate to be applied to these residuals: ____Recommended by DWQ for dried solids_____

   _____

   Calculate the PAN for the residuals (i.e., on a dry weight basis) and list the results in the following table:

Application Method	First Year PAN *(mg/kg)*	Five-Year Maximum Adjusted PAN *(mg/kg)*
Surface	2.9	No application yrs 2-5
Injection/Incorporation	3.4	No application yrs 2-5

   e. Are the residuals a registered fertilizer with the NC Department of Agriculture and Consumer Services:

   ☐ yes ☒ no. If yes, provide date of registration approval: _____,

   the current registration number: _____,

   and the fertilizer equivalent: _____ %, _____ %, and _____ %.

6. **Other Pollutants Determination:** Specify whether or not there are any other pollutants of concern in the residuals and list the results of the latest analyses: Perfluorooctanoic acid (PFOA) ≤ 0.017 µg/L

7. **Pathogen Reduction Determination:** Specify which alternative(s) will be used to meet the pathogen reduction requirements:

a. ***For Class A or Equivalent:***

☒ A fecal coliform density that is demonstrated to be less than 1,000 MPN per gram of total dry solids.

OR

☐ A *salmonella sp.* density that is demonstration to be less than 3 MPN per 4 grams of total dry solids.

AND one of the following (except for residuals regulated under 40 CFR Part 257 that are to be distributed):

☐ Alternative 1 [40 CFR §503.32 (a)(3)] - Time/Temperature Compliance.

☐ Alternative 2 [40 CFR §503.32 (a)(4)] - Alkaline Treatment.

☐ Alternative 3 [40 CFR §503.32 (a)(5)] - Prior Testing for Enteric Virus/Viable Helminth Ova.

☐ Alternative 4 [40 CFR §503.32 (a)(6)] - No Prior Testing for Enteric Virus/Viable Helminth Ova.

☐ Alternative 5 [40 CFR §503.32 (a)(7)] - Process to Further Reduce Pathogens (PFRP).

Specify one: ☐ composting, ☐ heat drying, ☐ heat treatment, ☐ pasteurization, ☐ thermophilic aerobic digestion, ☐ beta ray irradiation, or ☐ gamma ray irradiation.

☐ Alternative 6 [40 CFR §503.32 (a)(8)] - PFRP-Equivalent Process.

Explain: _____

b. ***For Class B or Equivalent:***

☐ Alternative 1 [40 CFR §503.32 (b)(2)] - Fecal Coliform Density Demonstration.

☐ Alternative 2 [40 CFR §503.32 (b)(3)] - Process to Significantly Reduce Pathogens (PFRP).

Specify one: ☐ aerobic digestion, ☐ air drying, ☐ anaerobic digestion, ☐ composting, or ☐ lime stabilization.

☐ Alternative 3 [40 CFR §503.32 (b)(4)] - PSRP-Equivalent Process.

Explain: _____

☐ Not Applicable - Regulated under 40 CFR Part 257 with NO Domestic Wastewater Contribution.

c. ***For Surface Disposal:***

☐ Alternative for Surface Disposal Units Only [40 CFR §503.33 (b)(11)] - Soil/Other Material Cover.

☐ Select One of the Class A or Equivalent Pathogen Reduction Alternatives in Item II. 7a. above.

☐ Select One of the Class B or Equivalent Pathogen Reduction Alternatives in Item II. 7b. above.

☐ Not Applicable - Regulated under 40 CFR Part 257 with NO Domestic Wastewater Contribution.

8. **Vector Attraction Reduction Determination:** Specify which alternative(s) will be used to meet the vector attraction reduction requirements:

- ☐ Alternative 1 [40 CFR §503.33 (b)(1)] - 38% Volatile Solids Reduction (Aerobic/Anaerobic Digestion).
- ☐ Alternative 2 [40 CFR §503.33 (b)(2)] - 40-Day Bench Scale Test (Anaerobic Digestion).
- ☐ Alternative 3 [40 CFR §503.33 (b)(3)] - 30-Day Bench Scale Test (Aerobic Digestion).
- ☐ Alternative 4 [40 CFR §503.33 (b)(4)] - Specific Oxygen Uptake Rate Test (Aerobic Digestion).
- ☐ Alternative 5 [40 CFR §503.33 (b)(5)] - 14-Day Aerobic Processes.
- ☐ Alternative 6 [40 CFR §503.33 (b)(6)] - Alkaline Stabilization.
- ☐ Alternative 7 [40 CFR §503.33 (b)(7)] - Drying of Stabilized Residuals.
- ☐ Alternative 8 [40 CFR §503.33 (b)(8)] - Drying of Unstabilized Residuals.
- ☐ Alternative 9 [40 CFR §503.33 (b)(9)] - Injection.
- ☐ Alternative 10 [40 CFR §503.33 (b)(10)] - Incorporation.
- ☐ Alternative for Surface Disposal Units Only [40 CFR §503.33 (b)(11)] - Soil/Other Material Cover.
- ☐ Alternatives for Animal Processing Residuals Only:

  Specify one: ☐ injection, ☐ incorporation, or ☐ lime addition to raise pH to 10.
- ☒ Not Applicable - Non-Biological Residuals with NO Domestic Wastewater Contribution.

ATTACHMENT D

RCRA HAZARDOUS CHARACTERISTICS

EPA HW Code	Hazardous Characteristics	Result	Regulatory Limit
D001	Ignitability by Flashpoint	>140 °F	<140 °F
D002	Corrosivity (pH in standard units)	5.05	<2 or >12.5
D003	Reactivity as cyanide in mg/kg	<5.97	n/a
D003	Reactivity as sulfide in mg/kg	120	n/a

TOXICITY CHARACTERISTIC CONTAMINANTS

Maximum Concentration of Contaminants for the Toxicity Characteristic

EPA HW Code	Contaminant	Result (mg/L)	Limit (mg/L)
D004	Arsenic	0.004	5.0
D005	Barium	0.158	100.0
D018	Benzene	<0.001	0.5
D006	Cadmium	<0.002	1.0
D019	Carbon tetrachloride	<0.002	0.5
D020	Chlordane	<0.001	0.03
D021	Chlorobenzene	<0.001	100
D022	Chloroform	<0.001	6.0
D007	Chromium	0.006	5.0
D023	o-Cresol	<0.004	4200
D024	m-Cresol	<0.004	4200
D025	p-Cresol	<0.004	4200
D026	Cresol	<0.012	4200
D016	2,4-D	<0.017	10.0
D027	1,4-Dichlorobenzene	<0.005	7.5
D028	1,2-Dichloroethane	<0.001	0.5
D029	1,1-Dichloroethylene	<0.003	0.7
D030	2,4-Dinitrotoluene	<0.004	30.13
D012	Endrin	<0.00004	0.02
D031	Heptachlor (and its epoxide)	<0.00004	0.008

TOXICITY CHARACTERISTIC CONTAMINANTS

Maximum Concentration of Contaminants for the Toxicity Characteristic

EPA HW Code	Contaminant	Result (mg/L)	Limit (mg/L)
D032	Hexachlorobenzene	<0.004	30.13
D033	Hexachlorobutadiene	<0.008	0.5
D034	Hexachloroethane	<0.005	3.0
D008	Lead	0.009	5.0
D013	Lindane	<0.00001	0.4
D009	Mercury	<0.00004	0.2
D014	Methoxychlor	<0.00008	10.0
D035	Methyl ethyl ketone	<0.008	200
D036	Nitrobenzene	<0.006	2.0
D037	Pentrachlorophenol	<0.003	100
D038	Pyridine	<0.0036	35
D010	Selenium	0.005	1.0
D011	Silver	0.002	5.0
D039	Tetrachloroethylene	<0.002	0.7
D015	Toxaphene	<0.0024	0.5
D040	Trichloroethylene	<0.001	0.5
D041	2,4,5-Trichlorophenol	<0.006	400
D042	2,4,6-Trichlorophenol	<0.004	2.0
D017	2,4,5-TP (Silvex)	<0.003	1.0
D043	Vinyl chloride	<0.002	0.2

ATTACHMENT D

ANNUAL RESIDUAL SAMPLING SUMMARY FORM

Please note that your permit may contain additional parameters to be analyzed. The parameters can be reported in FORM RSSF - B

WQ Permit Number: WQ0035431
Facility Name: DuPont Company - Fayetteville Works
Residual Source WQ # or NPDES #: Not applicable
WWTP Name:

Laboratory:
1) CompuChem, Cary, NC
2) Microbac, Fayetteville, NC
3)
4)
5)

Residual Analysis Data

Parameter (mg/kg)	Ceiling Conc. Limit	Sample or Composite Date											
		11/22/11											
Percent Solids (%)	NA	38.6											
Arsenic	75	11.7											
Cadmium	85	<0.383											
Copper	4,300	52.2											
Chromium	NA	NA											
Lead	840	20.4											
Mercury	57	<0.04											
Molybdenum	75	16.5											
Nickel	420	9.21											
Selenium	100	2.86											
Zinc	7,500	109											
Total Phosphorus	NA	<2.00											
TKN	NA	5.53											
Ammonia-Nitrogen	NA	1.37											
Nitrate and Nitrite	NA	<16.2											

[a] For surface disposal facilities the ceiling concentration limits listed in this form are not applicable. Reference the individual permit for metals limits.

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Preparer *

Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

ATTACHMENT D

ANNUAL RESIDUAL SAMPLING SUMMARY FORM - B

Report all sampling analysis results for parameters not listed in FORM RSSF that are part of the WQ permit or were analyzed for over the past calendar year. Use additional forms as needed.

WQ Permit Number: WQ0035431

Facility Name: DuPont Company - Fayetteville Works

Residual Source NPDES # or WQ#: Not applicable

WWTP Name:

Laboratory:
1) CompuChem, Cary, NC
2) Microbac, Fayetteville, NC
3)
4)
5)

Residual Analysis Data

Parameter (mg/kg)	Sample or Composite Date											
	11/22/11											
Aluminum	143000											
Calcium	438											
Magnesium	644											
Potassium	226											
Sodium	<319											

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Preparer *

Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

Waste Management
ENVIRONMENTAL QUALITY

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL SCOTT
Director

April 3, 2017

Michael E. Johnson, P.E.
Environmental Manager
The Chemours Company
22828 NC Highway 87 W
Fayetteville, NC 28306-7332

Re: Land Application of River Sediment onto SWMW 9
The Chemours Fayetteville Works site
NCD 047 368 642

Dear Mr. Johnson:

The N. C. Hazardous Waste Section ("HWS") has reviewed your "Land Application of River Sediment onto SWMU 9" letter request dated, February 21, 2017, prepared by The Chemours Company for the Chemours Fayetteville Works facility near Fayetteville, North Carolina. The HWS approves your request for the residuals to be land applied onto SWMU 9 of the facility.
Should you have any questions regarding this approval or need additional information, please contact me at 919-707-8375 or via e-mail at joe.ghiold@ncdenr.gov.

Sincerely,

Joe Ghiold, Project Manager
Facility Management Branch
Hazardous Waste Section

Ec; Kevin P. Garon, Chemours
Bud McCarty, NCDEQ
Carl Utterback, NCDEQ
Bobby Nelms, NCDEQ
Joe Ghiold, NCDEQ

ANNUAL LAND APPLICATION CERTIFICATION FORM

WQ Permit#: WQ0035431 **County:** Bladen **Year:** 2017

Facility Name (as shown on permit): Chemours Company - Fayetteville Works

Land Application Operator: Stephen L. Davis **Phone:** (336) 478-1210

Land application of residuals as allowed by the permit occurred during the past calendar year?

☐ **Yes** ☑ **No - If No, skip Part A, and Part B and proceed to Part C. Also, If residuals were generated but not land applied, please attach an explanation on how the residuals were handled.**

Part A - Residuals Application Summary:

Total number of application fields in the permit:	
Total number of fields utilized for land application during the year:	
Total amount of dry tons applied during the year for all application sites:	
Total number of acres utilizes for land application during the year:	

Part B - Annual Compiance Statement:

Facility was compliant during calendar year _____ with all conditions of the land application permit (including but not limited to items 1-13 below) issued by the Division of Water Quality. ☐ **Yes** ☐ **No**

If no please, provide a written description why the facility was not compliant, the dates, and explain corrective action taken.

1) Only residuals approved for this permit were applied to the permitted sites.
2) Soil pH was adjusted as specified in the permit and lime was applied (if needed) to achieve a soil pH of at least 6.0 or the limit specified in the permit.
3) Annual soils analysis were performed on each site receiving residuals during the past calendar year and three (3) copies of laboratory results are attached.
4) Annual TCLP analysis (if required) was performed and three (3) copies of certified laboratory results are attached.
5) All other monitoring was performed in accordance with the permit and reported during the year as required and three (3) copies of certified laboratory results are attached.
6) The facility did not exceed any of the Pollutant Concentration Limits in 15A NCAC 02T .1105(a) or the Pollutant Loading Rates in 15A NCAC 02T .1105(b) (applicable to 40 CFR Part 503 regulated facilities).
7) All general requirements in as specified in the Land Application Permit were complied with (applicable to 40 CFR Part 503 regulated facilities).
8) All monitoring and reporting requirements in 15A NCAC 02T .1111 were complied with (applicable to 40 CFR Part 503 regulated facilities).
9) All operations and maintenance requirements in the permit were complied with or, in the case of a deviation, prior authorization was received from the Division of Water Quality.
10) No contravention of Ground Water Quality Standards occurred at a monitoring well or explanations of violations are attached to include appropriate actions and remediations.
11) Vegetative cover was maintained and proper crop management was performed on each site receing residuals, as specified in the permit.
12) No runoff of residuals from the application sites onto adjacent property or nearby surface waters has occurred.
13) All buffer requirements as specified on the permit were maintained during each application of residuals.

Part C - Certification:

"I certify, under penalty of law, that the above information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Brian D. Long, Plant Manager

Permittee Name and Title (type or print) | Signature of Permittee | Date

Signature of Preparer* (if different from Permittee) | Date

Signature of Land Applier (if different from Permittee and Preparer) | Date

* Preparer is defined in 40 CFR Part 503.9 (r) and 15A NCAC 02T .1102 (26)

ANNUAL LAND APPLICATION CERTIFICATION FORM

WQ Permit#: WQ0035431 **County:** Bladen **Year:** 2018

Facility Name (as shown on permit): Chemours Company - Fayetteville Works

Land Application Operator: Stephen L. Davis **Phone:** (336) 478-1210

Land application of residuals as allowed by the permit occurred during the past calendar year?

☐ **Yes** ☑ **No** - **If No, skip Part A, and Part B and proceed to Part C. Also, If residuals were generated but not land applied, please attach an explanation on how the residuals were handled.**

Part A - Residuals Application Summary:

Total number of application fields in the permit:	1
Total number of fields utilized for land application during the year:	0
Total amount of dry tons applied during the year for all application sites:	0
Total number of acres utilizes for land application during the year:	0

Part B - Annual Compiance Statement:

Facility was compliant during calendar year _____ with all conditions of the land application permit (including but not limited to items 1-13 below) issued by the Division of Water Quality. ☑ **Yes** ☐ **No**

If no please, provide a written description why the facility was not compliant, the dates, and explain corrective action taken.

1) Only residuals approved for this permit were applied to the permitted sites.
2) Soil pH was adjusted as specified in the permit and lime was applied (if needed) to achieve a soil pH of at least 6.0 or the limit specified in the permit.
3) Annual soils analysis were performed on each site receiving residuals during the past calendar year and three (3) copies of laboratory results are attached.
4) Annual TCLP analysis (if required) was performed and three (3) copies of certified laboratory results are attached.
5) All other monitoring was performed in accordance with the permit and reported during the year as required and three (3) copies of certified laboratory results are attached.
6) The facility did not exceed any of the Pollutant Concentration Limits in 15A NCAC 02T .1105(a) or the Pollutant Loading Rates in 15A NCAC 02T .1105(b) (applicable to 40 CFR Part 503 regulated facilities).
7) All general requirements in as specified in the Land Application Permit were complied with (applicable to 40 CFR Part 503 regulated facilities).
8) All monitoring and reporting requirements in 15A NCAC 02T .1111 were complied with (applicable to 40 CFR Part 503 regulated facilities).
9) All operations and maintenance requirements in the permit were complied with or, in the case of a deviation, prior authorization was received from the Division of Water Quality.
10) No contravention of Ground Water Quality Standards occurred at a monitoring well or explanations of violations are attached to include appropriate actions and remediations.
11) Vegetative cover was maintained and proper crop management was performed on each site receing residuals, as specified in the permit.
12) No runoff of residuals from the application sites onto adjacent property or nearby surface waters has occurred.
13) All buffer requirements as specified on the permit were maintained during each application of residuals.

Part C - Certification:

"I certify, under penalty of law, that the above information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Brian D. Long, Plant Manager
Permittee Name and Title (type or print)

Brian D Long 3/1/2019
Signature of Permittee Date

Signature of Preparer* Date
(if different from Permittee)

Signature of Land Applier Date
(if different from Permittee and Preparer)

* Preparer is defined in 40 CFR Part 503.9 (r) and 15A NCAC 02T .1102 (26)

Chemours™

The Chemours Company
Fluoroproducts
22828 NC Highway 87 W
Fayetteville, NC 28306-7332

910-483-4681
chemours.com

CERTIFIED MAIL ARTICLE NUMBER 7013 1710 0001 0250 9432
RETURN RECEIPT REQUESTED

February 26, 2020

NC Dept. of Environment and Natural Resources
Division of Water Resources
Information Processing Unit
1617 Mail Service Center
Raleigh, NC 27699-1617

SUBJECT: Residuals Application Annual Report - 2019
Chemours Company – Fayetteville Works
Bladen County
Permit No. WQ0035431
Distribution of Class A Water Treatment Plant Residuals Permit

To whom it may concern,

The Chemours Company FC, LLC – Fayetteville Works, hereby submits the Residuals Application Annual Report for the calendar year 2019, pursuant to Permit No. WQ0035431 "Distribution of Class A Water Treatment Plant Residuals Permit".

Land application of residuals, as allowed by this permit, did not occur at any time during the past calendar year 2019.

Enclosed you will find one original and two copies of the Annual Land Application Certification Form (DENR Form ACF) for this report.

If you have any questions, please feel free to contact me at (910) 678-1213.

Sincerely,

Christel Compton
Program Manager

Attachment

ANNUAL LAND APPLICATION CERTIFICATION FORM

WQ Permit#: WQ0035431 **County:** Bladen **Year:** 2019

Facility Name (as shown on permit): Chemours Company - Fayetteville Works

Land Application Operator: Stephen L. Davis **Phone:** (336) 478-1210

Land application of residuals as allowed by the permit occurred during the past calendar year?

☐ **Yes** ☑ **No** - **If No, skip Part A, and Part B and proceed to Part C. Also, If residuals were generated but not land applied, please attach an explanation on how the residuals were handled.**

Part A - Residuals Application Summary:

Total number of application fields in the permit:	
Total number of fields utilized for land application during the year:	
Total amount of dry tons applied during the year for all application sites:	
Total number of acres utilizes for land application during the year:	

Part B - Annual Compiance Statement:

Facility was compliant during calendar year _____ with all conditions of the land application permit (including but not limited to items 1-13 below) issued by the Division of Water Quality. ☐ **Yes** ☐ **No**

If no please, provide a written deseription why the facility was not compliant, the dates, and explain corrective action taken.

1) Only residuals approved for this permit were applied to the permitted sites.
2) Soil pH was adjusted as specified in the permit and lime was applied (if needed) to achieve a soil pH of at least 6.0 or the limit specified in the permit.
3) Annual soils analysis were performed on each site receiving residuals during the past calendar year and three (3) copies of laboratory results are attached.
4) Annual TCLP analysis (if required) was performed and three (3) copies of certified laboratory results are attached.
5) All other monitoring was performed in accordance with the permit and reported during the year as required and three (3) copies of certified laboratory results are attached.
6) The facility did not exceed any of the Pollutant Concentration Limits in 15A NCAC 02T .1105(a) or the Pollutant Loading Rates in 15A NCAC 02T .1105(b) (applicable to 40 CFR Part 503 regulated facilities).
7) All general requirements in as specified in the Land Application Permit were complied with (applicable to 40 CFR Part 503 regulated facilities).
8) All monitoring and reporting requirements in 15A NCAC 02T .1111 were complied with (applicable to 40 CFR Part 503 regulated facilities).
9) All operations and maintenance requirements in the permit were complied with or, in the case of a deviation, prior authorization was received from the Division of Water Quality.
10) No contravention of Ground Water Quality Standards occurred at a monitoring well or explanations of violations are attached to include appropriate actions and remediations.
11) Vegetative cover was maintained and proper crop management was performed on each site receing residuals, as specified in the permit.
12) No runoff of residuals from the application sites onto adjacent property or nearby surface waters has occurred.
13) All buffer requirements as specified on the permit were maintained during each application of residuals.

Part C - Certification:

"I certify, under penalty of law, that the above information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Brian D. Long, Plant Manager
Permittee Name and Title (type or print)

Brian D Long 2/26/2020
Signature of Permittee Date

Signature of Preparer* Date
(if different from Permittee)

Signature of Land Applier Date
(if different from Permittee and Preparer)

* Preparer is defined in 40 CFR Part 503.9 (r) and 15A NCAC 02T .1102 (26)

June 15, 2011

Mr. Jon Risgaard, Unit Supervisor
N.C. Division of Water Quality
Land Application Unit
1601 Mail Service Center
Raleigh, NC 27699

SUBJECT: Distribution of Residual Solids Permit Application
DuPont Company – Fayetteville Works
Cumberland County, North Carolina

Dear Mr. Risgaard:

The DuPont Company – Fayetteville Works hereby submits one original and two copies of a permit application for the distribution of residuals solids. The application package includes the Distribution of Residuals Solids Form (DRS 070807) and DRS additional information, Residuals Source Certification Attachment (RSCA 070807), vicinity map, process flow diagram, justification for residuals production rate, sampling plan, and laboratory analytical reports. The application and attachments describe the treatment facility, generation and characteristics of residual solids, and proposed application.

DuPont is proposing to remove accumulated river water sediment solids generated in the treatment of water from the Cape Fear River for non-potable uses at the facility and apply them exclusively within the DuPont Company – Fayetteville Works site. Clarifier and filter backwash solids generated during the water treatment process are accumulated in two sediment retention basins. When one of the basins is full, the solids are allowed to dry. The process of accumulating and drying the solids takes approximately 10 to 15 years. Analytical tests show that the residuals have very low nutrient and metal concentrations. The application of the residual solids at the site will take place sometime after permit issuance and every 5 to 10 years thereafter.

The area where the solids will be applied is used as a Borrow Area and currently a grass cover is maintained in that portion of the area. The Borrow Area is covered by an Erosion and Sedimentation Control Plan that is under the jurisdiction of the N. C. Division of Land

Mr. Jon Risgaard
N.C. Division of Water Quality
June 15, 2011

Resources. The Borrow Area is used to place soil and inert debris from on-site excavations and to provide fill material for on-site projects. The portion of the Borrow Area where the sediment solids will be placed will not be used as fill material in the foreseeable future.

The following is a list of all items and attachments included in the application package:

- Distribution of Residuals Solids Form (DRS 070807)
- Residuals Source Certification Attachment (RSCA 070807)
- Distribution of Residuals Solids Additional Information
- Residuals Information Sheet
- Figure 1 USGS Topographic Map
- Figure 2 Site Layout
- Attachment 2-a Vicinity Map
- Attachment 2-b Process Flow Narrative and Diagram
- Attachment 2-c Quantitative Justification for Residuals Production
- Attachment 2-d Sampling Plan
- Attachment 2-e Laboratory Analytical Reports and Operational Data
- Attachment 2-f Sampling Locations Figure
- Attachment 2-g Site-Wide Well Monitoring Locations
- Attachment 2-h Residuals Solids Operations and Maintenance Plan
- Attachment 2-i Plant Available Nitrogen (PAN) Calculation

If you have any questions or need more information regarding this application submittal please contact me at either 910-678-1155 or via michael.e.johnson@usa.dupont.com.

Sincerely,

Michael E. Johnson
Environmental Manager

Attachments

ANNUAL LAND APPLICATION CERTIFICATION FORM

WQ Permit#: WQ0035431 **County:** Bladen **Year:** 2011

Facility Name (as shown on permit): DuPont Company - Fayetteville Works

Land Application Operator: Stephen L. Davis **Phone:** (336) 478-1210

Land application of residuals as allowed by the permit occurred during the past calendar year?

☑ **Yes** ☐ **No - If No, skip Part A, and Part B and proceed to Part C. Also, If residuals were generated but not land applied, please attach an explanation on how the residuals were handled.**

Part A - Residuals Application Summary:

Total number of application fields in the permit:	1
Total number of fields utilized for land application during the year:	1
Total amount of dry tons applied during the year for all application sites:	1940.4
Total number of acres utilizes for land application during the year:	3.7

Part B - Annual Compiance Statement:

Facility was compliant during calendar year 2011 **with all conditions of the land application permit (including but not limited to items 1-13 below) issued by the Division of Water Quality.** ☑ **Yes** ☐ **No**

If no please, provide a written description why the facility was not compliant, the dates, and explain corrective action taken.

1) Only residuals approved for this permit were applied to the permitted sites.
2) Soil pH was adjusted as specified in the permit and lime was applied (if needed) to achieve a soil pH of at least 6.0 or the limit specified in the permit.
3) Annual soils analysis were performed on each site receiving residuals during the past calendar year and three (3) copies of laboratory results are attached.
4) Annual TCLP analysis (if required) was performed and three (3) copies of certified laboratory results are attached.
5) All other monitoring was performed in accordance with the permit and reported during the year as required and three (3) copies of certified laboratory results are attached.
6) The facility did not exceed any of the Pollutant Concentration Limits in 15A NCAC 02T .1105(a) or the Pollutant Loading Rates in 15A NCAC 02T .1105(b) (applicable to 40 CFR Part 503 regulated facilities).
7) All general requirements in as specified in the Land Application Permit were complied with (applicable to 40 CFR Part 503 regulated facilities).
8) All monitoring and reporting requirements in 15A NCAC 02T .1111 were complied with (applicable to 40 CFR Part 503 regulated facilities).
9) All operations and maintenance requirements in the permit were complied with or, in the case of a deviation, prior authorization was received from the Division of Water Quality.
10) No contravention of Ground Water Quality Standards occurred at a monitoring well or explanations of violations are attached to include appropriate actions and remediations.
11) Vegetative cover was maintained and proper crop management was performed on each site receing residuals, as specified in the permit.
12) No runoff of residuals from the application sites onto adjacent property or nearby surface waters has occurred.
13) All buffer requirements as specified on the permit were maintained during each application of residuals.

Part C - Certification:

"I certify, under penalty of law, that the above information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Ellis H. McGaughy, Plant Manager

Permittee Name and Title (type or print) | Signature of Permittee | Date

Signature of Preparer* (if different from Permittee) | Date

Signature of Land Applier (if different from Permittee and Preparer) | Date

* Preparer is defined in 40 CFR Part 503.9 (r) and 15A NCAC 02T .1102 (26)

CLASS A ANNUAL DISTRIBUTION AND MARKETING/ SURFACE DISPOSAL CERTIFICATION AND SUMMARY FORM

WQ PERMIT #: WQ0035431 **FACILITY NAME:** DuPont Company - Fayetteville Works

PHONE: 910-678-1155 **COUNTY:** Bladen **OPERATOR:** Stephen L. Davis

FACILITY TYPE (please check one): ☑ **Surface Disposal (complete Part A (Source(s) and "Residual In" Volume only) and Part C)**

☐ **Distribution and Marketing (complete Parts A, B, and C)**

Was the facility in operation during the past calendar year? **Yes** ☑ **No** ☐ → **If No skip parts A, B, C and certify form below**

Part A*:					**Part B*:**		
Month	**Sources(s) (include NPDES # if applicable)**	**Volume (dry tons)**			**Recipient Information**		
		Amendment/ Bulking Agent	Residual In	Product Out	Name(s)	Volume (dry tons)	Intended use(s)
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
November	River Sediment Basin	0	1746.4	1746.4	DuPont - Fayetteville Works	1746.4	Ag - Rye Grass
December	River Sediment Basin	0	194	194	DuPont - Fayetteville Works	194	Ag - Rye Grass
	Total from FORM DMSDF (sup)						
Totals:	**Annual (dry tons):**	0	1940.4	1940.4		1940.4	
Amendment(s) used:			Bulking Agent(s) used:				

* If more space is required, attach additional information sheets (FORM DMSDF (supp)): Total Number of Form DMSDF (Supp)

Part C:

Facility was compliant during the past calendar year with all conditions of the land application permit (including but not limited to items 1-3 below) issued by the Division of Water Quality: ☑ **Yes** ☐ **No** → **If No, Explain in Narritive**

1. All monitoring was done in accordance with the permit and reported for the year as required and three (3) copies of certified laboratory results are attached.
2. All operation and maintenance requirements were compiled with or, in the case of a deviation, prior authorization was received from the Division of Water Quality.
3. No contravention of Ground Water Quality Standards occurred at a monitoring well.

"I certify, under penalty of law, that the above information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Permittee _____ Date _____

Signature of Preparer** (if different from Permittee) _____ Date _____

**Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

CLASS A ANNUAL DISTRIBUTION AND MARKETING/ SURFACE DISPOSAL CERTIFICATION AND SUMMARY FORM
Supplemental Information

WQ PERMIT #: _____ **FACILITY NAME:** _____

PHONE: 910-678-1155 **COUNTY:** _____ **OPERATOR:** _____

FACILITY TYPE (please check one): ☐ **Surface Disposal (complete Part A - "Month", "Source(s)" and "Residual In" columns only)**

☐ **Distribution and Marketing (complete Parts A, and B)**

Part A*:					**Part B*:**		
Month	**Sources(s) (include NPDES # if applicable)**	**Volume (dry tons)**			**Recipient Information**		
		Amendment/ Bulking Agent	Residual In	Product Out	Name(s)	Volume (dry tons)	Intended use(s)
Totals:	**Annual (dry tons):**						

Amendment(s) used: _____ Bulking Agent(s) used: _____

* If more space is required, attach additional information sheets (FORM DMSDF (supp)): Total Number of Form DMSDF (Supp) _____

ANNUAL RESIDUAL SAMPLING SUMMARY FORM

Please note that your permit may contain additional parameters to be analyzed. The parameters can be reported in FORM RSSF - B

WQ Permit Number: WQ0035431

Facility Name: DuPont Company - Fayetteville Works

Residual Source WQ # or NPDES #: Not applicable

WWTP Name:

Laboratory:

1) CompuChem, Cary, NC
2) Microbac, Fayetteville, NC
3)
4)
5)

Residual Analysis Data

Parameter (mg/kg)	Conc. Limit (mg/kg)[a]	Sample or Composite Date											
		11/22/11											
Percent Solids (%)	NA	38.6											
Arsenic	75	11.7											
Cadmium	85	<0.383											
Copper	4,300	52.2											
Chromium	NA	NA											
Lead	840	20.4											
Mercury	57	<0.04											
Molybdenum	75	16.5											
Nickel	420	9.21											
Selenium	100	2.86											
Zinc	7,500	109											
Total Phosphorus	NA	<2.00											
TKN	NA	5.53											
Ammonia-Nitrogen	NA	1.37											
Nitrate and Nitrite	NA	<16.2											

[a] For surface disposal facilities the ceiling concentration limits listed in this form are not applicable. Reference the individual permit for metals limits.

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Preparer *

Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

ANNUAL RESIDUAL SAMPLING SUMMARY FORM - B

Report all sampling analysis results for parameters not listed in FORM RSSF that are part of the WQ permit or were analyzed for over the past calendar year. Use additional forms as needed.

WQ Permit Number: WQ0035431

Facility Name: DuPont Company - Fayetteville Works

Residual Source NPDES # or WQ#: Not applicable

WWTP Name:

Laboratory:

1) CompuChem, Cary, NC

2) Microbac, Fayetteville, NC

3)

4)

5)

Residual Analysis Data

Parameter (mg/kg)	Sample or Composite Date											
	11/22/11											
Aluminum	143000											
Calcium	438											
Magnesium	644											
Potassium	226											
Sodium	<319											

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Preparer *

Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

ANNUAL METALS FIELD LOADING SUMMARY FORM*

Attach this form to the corresponding Field Loading Summary Form to be submitted in Annual Report

Facility Name: DuPont Company - Fayetteville Works **Total Dry Tons Applied (Annual):** 1940.39

Permit #: WQ0035431 **Cation Exchange Capacity (non 503 only):**

Operator: Stephen L. Davis **Owner:** DuPont Company **Predominant Soil Series:** CaB - Candor San

Acres Used: 3.7 **Acres Permitted:** 7 **Site #:** DuPont **Field #:** **Borrow Area**

Residual Analysis Data (Heavy Metals and Total Phosphorus use mg/kg, % Solids use Raw Percent #):

Sample or Com-posite Date	1 11/22/11	2	3	4	5	6	7	8	9	10	11	12
% Solids	38.6											
Arsenic	11.7											
Cadmium	0											
Copper	52.2											
Chromium												
Lead	20.4											
Mercury	0											
Molyb-denum	16.5											
Nickel	9.21											
Selenium	2.86											
Zinc	109											
Total Phos-phorus	0											

Annual Heavy Metal Field Loadings (Calculated in lbs/acre):

Total DT/Ac./ App. Event	1 524.43	2	3	4	5	6	7	8	9	10	11	12	**Totals:**
Arsenic	12.272	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.272
Cadmium	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Copper	54.750	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.750
Chromium	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lead	21.397	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.397
Mercury	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Molyb-denum	17.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.306
Nickel	9.660	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.660
Selenium	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.000
Zinc	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	114.326
Total Phos-phorus	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations".

_____ _____

Signature of Land Applier Date

ANNUAL LAND APPLICATION FIELD SUMMARY FORM

PLEASE MAKE A COPY OF THIS BLANK FORM TO BE COMPLETED AND SUBMITTED FOR EACH FIELD APPLIED ON

PLACE A "N/A" IN A BLANK OR BOX WHEN NOT APPLICABLE.

Facility Name: DuPont Company - Fayetteville **WQ Permit #:** WQ0035431 **Field #:** Borrow Area **Acres Utilized:** 3.7

Land Owner: DuPont Company - Fayetteville **Annual Dry Tons Applied:** 1940.3957 **Site #:** DuPont **Acres Permitted:** 5

Operator: Stephen L. Davis **Predominant Soil Series:** CaB - Candor Sand **Cation Exchange Capacity (non 503):**

Crop 1 Name: Rye Grass **Crop 1 Max. PAN:** 80 **Crop 2 Name:** **Crop 2 Max. PAN:**

Date or Month	Volume applied (enter one) Solids/ Liquid Cu. Yds	Gallons	% Solids	Volume Applied per Acre (Dry Tons/Ac)	Residual Sources (NPDES #, WQ#, Fert., Animal Waste, etc)	Soil Cond. (Dry, Wet, Moist)	Precip. Past 24 Hrs. inches	Application Method*	Volatilization Rate**	Mineralization Rate***	TKN mg/kg	Ammonia Nitrogen mg/kg	Nitrate and Nitrite mg/kg	PAN Applied (lbs/acre) Crop 1	PAN Applied Crop 2	Name of Crop Type Receiving Residual Application Crop 1	Crop 2
11/2010	5372		38.6	471.979	River Water	Dry	2.01	S	0.5	0.4	5.53	1.37	0	2.217	2.217		
12/2010	597		38.6	52.452	River Water	Dry	0	S	0.5	0.4	5.53	1.37	0	0.246	0.246		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
				0.000										0.000	0.000		
					Residuals Applications totals on FORM FSF supp (attach FORM FSF supp to this form):												
TOTALS:	5969	0												2.464	2.464		

	As	Cd	Cu	Cr	Pb	Hg	Mo	Ni	Se	Zn	P	PAN Crop 1	PAN Crop 2
Annual lbs/acre	12.272	0.000	54.750	0.000	21.397	0.000	17.306	9.660	3.000	114.326	0.000		
Prior Years Cumulative lbs/ac	0	0	0	0	0	0	0	0	0	0			
Current Cumulative lbs/ac	12.272	0.000	54.750	0.000	21.397	0.000	17.306	9.660	3.000	114.326			
Permitted C. P. L. R.****	36	34	1338	n/a	267	15	n/a	374	89	2498			
Permit PAN Limit 1st/2nd Crop												80	

Lime Applied	
Date	lbs/ac

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Land Applier Date

*Application Method: S - Surface, IN - Injection, INC - Incorporation
**Volatilization Rate: Surface - 0.5, Injection/Incorporation - 1.0
*** Mineralization Rates: Compost -0.1, anaerobially digested -0.2, aerobically digested -0.3, raw sludge -0.4
****C.P.L.R.: Cumulative Pollutant Loading Rate

ANNUAL LAND APPLICATION FIELD SUMMARY FORM

Supplemental Information

PLEASE MAKE A COPY OF THIS BLANK FORM TO BE COMPLETED AND SUBMITTED FOR EACH FIELD APPLIED ON

PLACE A "N/A" IN A BLANK OR BOX WHEN NOT APPLICABLE.

Facility Name: DuPont Company - Fayetteville | **WQ Permit #:** | **Field #:** | **Acres Utilized:**

Land Owner: DuPont Company - Fayetteville | **Annual Dry Tons Applied:** 1940.395687 | **Site #:** | **Acres Permitted:**

Operator: Stephen L. Davis | **Predominant Soil Series:** CaB - Candor Sand | **Cation Exchange Capacity (non 503):**

Crop 1 Name: Rye Grass | **Crop 1 Max. PAN:** 80.00 | **Crop 2 Name:** | **Crop 2 Max PAN:**

Date or Month	Volume applied **(enter one)**		% Solids	Volume Applied per Acre	Residual Sources (NPDES #, WQ#, Fert., Animal Waste, etc)	Soil Cond. (Dry, Wet, Moist)	Precip. Past 24 Hrs.	Application Method*	Volatilization Rate**	Mineralization Rate	TKN	Ammonia Nitrogen	Nitrate and Nitrite	PAN Applied (lbs/acre)		Name of Crop Type Receiving Residual Application	
	Cu. Yds	Gallons		(Dry Tons/Ac)			inches				mg/kg	mg/kg	mg/kg	Crop 1	Crop 2	Crop 1	Crop 2
TOTALS:																	

"I certify, under penalty of law, that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Signature of Land Applier Date

***Application Method: S - Surface, IN - Injection, INC - Incorporation**

****Volatilization Rate: Surface - 0.5, Injection/Incorporation - 1.0**

*****C.P.L.R.: Cumulative Pollutant Loading Rate**

ANNUAL PATHOGEN AND VECTOR ATTRACTION REDUCTION FORM (02T Rules)

Facility Name: DuPont Company - Fayetteville Works **WQ Permit Number:** WQ0035431

WWTP Name: DuPont Company - Fayetteville Works **NPDES Number:** NC0003573

Monitoring Period: **From** 11/16/2011 **To** 12/1/2011

Pathogen Reduction (15A NCAC 02T .1106) - Please indicate level achieved and alternative performed:

Class A:	Alt. A (time/temp) ☐	Alt B (Alk Treatment) ☐	Alt. C (Prior Testing) ☐
	Alt.D (No Prior Test) ☑	Process to Further Reduce Pathogengs ☐	
If applicable to alternative performed (Class A only) indicate "Process to Further Reduce Pathogens":			
Compost ☐	Heat Drying ☐	Heat Treatment ☐	Thermophilic ☐
Beta Ray ☐	Gamma Ray ☐	Pasteurization ☐	

Class B:	Alt. (1) Fecal Density ☐	Alt. (2) Process to Significantly Reduce Pathogens ☐	
If applicable to alternative performed (Class B only) indicate "Process to Significantly Reduce Pathogens":			
Lime Stabilization ☐	Air Drying ☐	Composting ☐	Aerobic Digestion ☐
Anaerobic Digestion ☐			

If applicable to alternative performed (Class A or Class B) complete the following monitoring data:

Parameter	Allowable Level in Sludge		Pathogen Density Minimum	Geo. Mean	Maximum	Units	Number of Excee-dences	Frequency of Analysis	Sample Type	Analytical Tech-nique
Fecal Coliform	2 x 10 to the 6th power per gram of total solids	MPN								
		CFU								
	1000 mpn per gram of total solid (dry weight)		360	360	360	MPN/g	0	1	Grab	9221E
Salmonella bacteria (in lieu of fecal coliform)	3 MPN per 4 grams total solid (dry weight)									

Vector Attraction Reduction (15A NCAC 02T .1107) - Please indicate alternative performed:

Alt.1 (VS reduction) ☐	Alt. 2 (40-day bench) ☐	Alt. 3 (30-day bench) ☐	Alt. 4 (Spec. O_2 uptake) ☐
Alt. 5 (14-Day Aerobic) ☐	Alt. 6 (Alk. Stabilization ☐	Alt 7 (Drying - Stable) ☐	Alt. 8 (Drying - Unstable) ☐
Alt. 9 (Injection) ☐	Alt. 10 (Incorporation) ☐	No vector attraction reduction alternatives were performed ☑	

CERTIFICATION STATEMENT (please check the appropriate statement)

☑ **"I certify, under penalty of law, that the pathogen requirements in 15A NCAC 02T .1106 and the vector attraction reduction requirement in 15A NCAC 02T .1107 have been met."**

☐ **"I certify, under penalty of law, that the pathogen requirements in 15A NCAC 02T .1106 and the vector attraction reduction requirement in 15A NCAC 02T .1107 have not been met." (Please note if you check this statement attach an explanation why you have not met one or both of the requirements.)**

"This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

Ellis H. McGaughy, Plant Manager
Preparer Name and Title (type or print)

Land Applier Name and Title (if applicable)(type or print)

Signature of Preparer* Date

Signature of Land Applier (if applicable) Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

ANNUAL PATHOGEN AND VECTOR ATTRACTION REDUCTION FORM (503 Rules)

Facility Name: _____ **WQ Permit Number:** _____

WWTP Name: _____ **NPDES Number:** _____

Monitoring Period: From _____ **To** _____

Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved and alternative performed:

Class A:	Alternative 1 ☐	Alternative 2 ☐	Alternative 3 ☐	
	Alternative 4 ☐	Alternative 5 ☐	Alternative 6 ☐	
If applicable to alternative performed (Class A only) indicate "Process to Further Reduce Pathogens":				
Compost ☐	Heat Drying ☐	Heat Treatment ☐	Thermophilic ☐	
Beta Ray ☐	Gamma Ray ☐	Pasteurization ☐		
Class B:	Alternative 1 ☐	Alternative 2 ☐		
If applicable to alternative performed (Class B only) indicate "Process to Significantly Reduce Pathogens":				
Lime Stabilization ☐	Air Drying ☐	Composting ☐	Aerobic Digestion ☐	
Anaerobic Digestion ☐				

If applicable to alternative performed (Class A or Class B) complete the following monitoring data:

Parameter	Allowable Level in Sludge		Pathogen Density				Number of Excee-dences	Frequency of Analysis	Sample Type	Analytical Tech-nique
			Minimum	Geo. Mean	Maximum	Units				
Fecal Coliform	2 x 10 to the 6th power per gram of total solids	MPN								
		CFU								
	1000 mpn per gram of total solid (dry weight)									
Salmonella bacteria (in lieu of fecal coliform)	3 MPN per 4 grams total solid (dry weight)									

Vector Attraction Reduction (40 CFR 503.33) - Please indicate option performed:

Alt.1 (VS reduction) ☐	Alt. 2 (40-day bench) ☐	Alt. 3 (30-day bench) ☐	Alt. 4 (Spec. O_2 uptake) ☐
Alt. 5 (14-Day Aerobic) ☐	Alt. 6 (Alk. Stabilization ☐	Alt 7 (Drying - Stable) ☐	Alt. 8 (Drying - Unstable) ☐
Alt. 9 (Injection) ☐	Alt. 10 (Incorporation) ☐	No vector attraction reduction alternatives were performed ☐	

CERTIFICATION STATEMENT (please check the appropriate statement)

☐ **"I certify, under penalty of law, that the pathogen requirements in 40 CFR 503.32 and the vector attraction reduction requirement in 40 CFR 503.33 have been met."**

☐ **"I certify, under penalty of law, that the pathogen requirements in 40 CFR 503.32 and the vector attraction reduction requirement in 40 CFR 503.33 have not been met." (Please note if you check this statement attach an explanation why you have not met one or both of the requirements.)**

"This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

_____ _____

Preparer Name and Title (type or print) Land Applier Name and Title (if applicable)(type or print)

_____ _____ _____ _____

Signature of Preparer* Date Signature of Land Applier (if applicable) Date

*Preparer is defined in 40 CFR Part 503.9(r) and 15A NCAC 2T .1102 (26)

Attachment F

Waste Management Plan

Fayetteville Consent Order Activities Waste Management Plan

Fayetteville Works
Fayetteville, North Carolina

Submitted on behalf of:
The Chemours Company

Submitted by:
AECOM
Sabre Building
Suite 300
4051 Ogletown Road
Newark, DE 19713

Project Number: 509089
Date: May 2021

Fayetteville Consent Order Activities Waste Management Plan Training Acknowledgement

Project Name: Fayetteville Consent Order Activities **Project Number:** _____

I have read, understood, and agree with the waste management protocols presented in the Waste Management Plan and the information discussed in the waste management briefing. I also understand that this plan will serve as guidance and training for waste management activities that I may need to perform at this facility.

Printed Name	Organization	Signature	Date

Personnel waste management plan training conducted by:

_____	_____	_____
Name	Signature	Date

Table of Contents

List of Appendices

1.0 Purpose and Site Information

1.1 Purpose

This plan outlines general site waste generation information, classification justification, and storage and disposal procedures for waste generated as part of the Consent Order Activities at the Fayetteville Works site. This plan will be used by field teams associated with the Chemours Corporate Remediation Group (CRG).

1.2 Hazardous Waste Generator Status

Chemours Fayetteville Works is categorized as a Large Quantity Generator (LQG) of Resource Conservation and Recovery Act (RCRA) hazardous waste. The facility's U.S. Environmental Protection Agency (EPA) generator identification number is: **NCD047368642.**

NOTE: The anticipated waste streams are non-hazardous; however, this waste management plan complies with hazardous waste LQG requirements. Instructions for hazardous waste are provided to maintain compliance in the unlikely event that a waste stream is characterized as hazardous.

1.3 Generator Requirements

This section includes requirements for managing consent order activities waste at the Fayetteville Works site. Based on available data, all waste streams are anticipated to be characterized as non-hazardous. Hazardous waste generator requirements are included in this section consistent with the current LQG status of Fayetteville Works. These requirements will apply if any waste stream exhibits a RCRA hazardous characteristic and the waste needs to be managed as hazardous.

1.3.1 Hazardous Waste Large Quantity Generator (LQG)

As an LQG, the following general hazardous waste generator requirements are applicable for the Chemours Fayetteville Works site along with any applicable site procedures. The requirements listed below should be followed in the unlikely event that any waste is characterized as hazardous and would apply only to that specific waste.

- EPA/State must be notified of any hazardous waste activity.
- Hazardous waste on-site is allowed to accumulate no longer than 90 days.
- There is no limit on the quantity of hazardous waste that can be accumulated on-site.
- Accumulation start date must appear on each waste container.
- As necessary, the words "Hazardous Waste" are required on each container.
- The container storage location must be at least 50 feet from property line.
- Hazardous waste treatment is allowed in accumulation units.
- A manifest must be used to ship hazardous waste off-site.
- Hazardous waste must be shipped using transporters and facilities that have EPA ID numbers.

- LQGs may receive waste from the same company controlled Very Small Quantity Generators (VSQGs).
- The site must prepare land disposal restriction (LDR) notifications/certifications.
- The site must conduct personnel training.
- The site must have a preparedness and prevention plan on file at the site.
- The site must have a contingency plan that outlines site emergency procedures on file with local emergency responders.
- The site must prepare and file on-site all hazardous waste records.

1.4 Universal Waste Generator Status

The Chemours Fayetteville Works is a generator of universal waste. The facility operates as a small quantity handler. All accumulated universal waste is removed annually from the site in December.

1.4.1 Universal Waste General Requirements

Universal waste generators are called “universal waste handlers.” The requirements for “handlers” vary based upon the amount of universal waste created. Nearly every Chemours CRG trailer, treatment system, or remote office will be classified as a Small Quantity Handler. The table below shows the requirements for “handlers.”

Requirement	Small Quantity Handlers
Volume generated per calendar year	< 5000 kg or 11,000 pounds per year
EPA notification and EPA ID number	Not required
Training	Employees must be informed or aware of proper waste handling and emergency release response procedures as described in this document.
Recordkeeping	Retain the shipping papers (Bill of Lading).

2.0 Scope of Work

This project-specific waste management plan (PSWMP) documents the planning for the consent order activities for the Chemours Fayetteville Works site located in Fayetteville, North Carolina.

The following scope of activities will be conducted:

- Site Investigation
  - Residential drinking water sampling
  - Bi-monthly stormwater sampling
  - Monthly outfall sampling
  - Monitoring well and piezometer installation
  - Monthly perched zone monitoring well sampling
  - Cape fear river sediment and water sampling
  - On-site and off-site soil and groundwater investigations
  - Pilot study investigations – granular activated carbon (GAC) column studies, alternative treatment technology studies
  - Remedial substrate injections
- Residential Whole Home Water Treatment Systems
  - Installation, operation, and maintenance of residential whole home water treatment systems
- Seep Flow through cells:
  - Operation and maintenance of seep flow-through cell A, B, C, and D
  - Seep water and sediment sampling
- Black Creek Aquifer System
  - Dewatering Black Creek monitoring wells
- 003 Influent Pond
  - Pond maintenance
- General Operation and Maintenance for Consent Order Related Site Activity
  - Site clearing and grubbing
  - General site work
  - Operations at Hope Mills, NC Field Office to support project
- On-Site Stormwater Treatment System
  - Construction, operation, and maintenance.
- On-Site General Operation and Maintenance for Consent Order Related Site Activity
  - Site clearing and grubbing
  - General Site work for Consent order activities

Although the Fayetteville Works is a LQG site, the project itself is not expected to generate any hazardous waste.

Project Team Responsibilities

Task	Organization	Individual
Oversee waste management activities.	AECOM WM Network	J. Amsterdam
Conduct waste coordinator duties. • Order containers • Schedule waste pick ups	Parsons, Geosyntec, Geoservices, and KBR	Chemours Site Representative (CSR)
Label containers.	Parsons, Geosyntec, Geoservices, and KBR	CSR
Move waste into the waste accumulation area.	Parsons, Geosyntec, Geoservices, and KBR	CSR
Complete/submit Waste Management Field Documentation Form to the Waste Management Network.	Parsons, Geosyntec, Geoservices, and KBR	Field Team Lead
Coordinate sampling activities.	Parsons, Geosyntec, Geoservices, and KBR	CSR
Provide characterization testing bottles and final analyses reports.	AECOM	M. Aucoin
Collect waste characterization samples.	Parsons, Geosyntec, Geoservices, and KBR	Field Team Lead
Review analytical data to determine RCRA classification.	AECOM WM Network	J. Amsterdam
Inspect RCRA Hazardous and HAZARDOUS WASTE - PENDING ANALYSIS wastes weekly if needed. Inspect and inventory non-hazardous waste.	Chemours/Parsons	E. Vega/B. Weidner
Label waste containers for shipment.	Parsons, Geosyntec, Geoservices, and KBR	CSR
Prepare shipping papers (i.e., bills of lading or manifests and LDR forms).	AECOM WM Network /Waste Vendor	J. Amsterdam
Sign manifest/LDRs/Bills of Lading for Shipment	Chemours/ AECOM WM Network	E. Vega/J. Amsterdam
Arrange with vendor waste pickup.	AECOM WM Network /CSR/Chemours	J. Amsterdam/CSR
Notify project team [Project Director (PD) and Project Manager (PM)] of waste disposal completion of activities.	AECOM WM Network	J. Amsterdam
Prepare/submit related reporting.	AECOM WM Network	J. Amsterdam
Archive and maintain all required documents.	Chemours	E. Vega

3.0 Generator Waste Classification

3.1 Potential Federal and State Waste Codes

3.1.1 Listed RCRA Waste

Potential source areas for waste streams from this project have been reviewed to determine whether they meet federal and/or state listed waste definitions. Based on currently identified waste streams and investigation areas, there are no waste streams that meet the definition of a federal or state listed waste.

3.1.2 TSCA Waste

Based on currently identified waste streams, there are no waste streams with poly chlorinated biphenyls (PCBs) or asbestos that are regulated Toxic Substances Control Act (TSCA) wastes.

3.1.3 Characteristic RCRA Waste

Waste streams from this project have been reviewed or will be sampled to determine whether they exhibit a RCRA hazardous characteristic. If any waste stream tested fails the Toxicity Characteristic Leaching Procedure (TCLP), that waste will be classified as hazardous.

Some waste streams need to be sampled to determine the applicability of a RCRA hazardous waste characteristic(s). See the waste table in Section 4.1 for details.

Sampling is expected to confirm that the waste is not RCRA hazardous waste. Initial sampling for the project was consistent with that expectation; however, periodic sampling will be conducted to document the continued non-hazardous classification.

3.1.4 Non-Hazardous Waste Requirements

The waste streams for this project are anticipated to be non-hazardous. Best management practices and site procedures will be followed for all waste streams. These include the following:

- All waste should be placed in containers that are in good condition and of appropriate size and material for the waste.
- Secondary containment should be used for all containers of liquids. This may include a drum storage skid, indoor storage location, portable dike, etc. Solid wastes may be staged on poly sheeting or other impermeable surface. Containers should be inspected regularly and before rain events to ensure that containers are closed and not leaking. Rainwater should be removed from containments after each rain event. Containments should be capable of containing a spill of 110% of the volume of the container stored within the containments.
- Waste containers should be kept securely closed unless adding or removing waste from the container.
- Containers should be labeled with “non-hazardous waste,” name of the waste stream, and accumulation start date. Labels should be legible and clearly visible. More than one label may be needed for a large container, such as a roll-off box.

- Waste storage areas should be kept clean and adequate space should be maintained between and around containers to allow access for spill cleanup, moving containers, etc.
- A spill kit should be maintained at or near the storage area with appropriate materials to contain and/or clean up small spills. Follow Chemours procedures in the event of a spill and do not attempt to contain or clean up a spill unless you can do so safely.
- A shipping paper should be used to ship non-hazardous waste off-site.

3.1.5 Land Disposal Restriction Compliance

This section applies only to hazardous wastes. It is anticipated that this section will not apply to any consent order activities waste; however, the information is included consistent with the Fayetteville Works LQG status and to allow a rapid transition if needed (if any consent order waste becomes characterized as hazardous in the future).

Samples of potentially characteristic waste will be collected and analyzed to determine the concentration of LDR compounds. Generator knowledge will be used to determine the likely parameters in the waste. The samples will be collected as grab samples and analyzed for totals or TCLP concentration, depending on the units indicated in 40 CFR § 268.48. Typically, additional LDR compliance samples will be collected and held by the laboratory at the same time that the waste characterization samples are collected. If the waste characterization samples fail TCLP, then the LDR compliance samples will be analyzed.

Wastes that exceed the LDR will require on-site treatment to meet the LDR or pre-treatment at the disposal vendors location prior to landfilling.

4.0 Waste Management Procedures

4.1 Project Waste – Off-Site

The following waste streams and correlating storage, classification, and labeling requirements are identified below.

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Investigation Derived Waste					
Soil, plastic, and PPE from well installation. Profile number WFN-386	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in 55-gallon drum or 20-Yard Roll Off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Well install drilling mud (slurry). Profile number WFN-385	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in DOT approved container with a poly liner and secure gaskets for solids settling	Green Non-Hazardous Waste label	Waste will be pumped off into a tanker truck for disposal to Chemours approved vendor
Settled solids from drilling mud	RCRA non-hazardous (Analytical Results Pending	None; will be classified the same as well installation debris	Combine any settled solids, liners, and filters with well installation debris (below)	Green Non-Hazardous Waste label	Combined solids and well drilling solids sent to a Chemours-approved disposal vendor. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Well install debris. Profile number WFN-383	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Well water. Profile number WFN-384	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in DOT approved 55-gallon drums or tanks	Green Non-Hazardous Waste label	Waste will be pumped off into a tanker truck for disposal to Chemours approved vendor OR Discharged to the influent of the on-site wastewater treatment plant – IXM swimming pool sump

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Granular activated carbon (GAC) cartridges. Profile number WFN-381	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility.
Spent Granular activated carbon (GAC) from column study Profile number WFN-381	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Resin beads (plastic) from column study Profile number WFN-381	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Off-site waste - debris (PPE, plastic, tubing). Profile number WFN-381A	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
On-site waste-debris (PPE, Plastic, Tubing). Profile number WFN-381B	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Stormwater sampling containers (plastic bottles, tubing, other plastic debris)	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Residential Water Treatment Systems					
Spent Reverse osmosis capsules. Plant profile WFN-381	RCRA non-hazardous	Use residential treatment data	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Sediment and iron prefilters from point of entry residential treatment systems	RCRA non-hazardous	Use residential treatment data	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Contact waste (PPE, Towles, sample tubes, trash)	RCRA non-hazardous	Use residential treatment data	Place in 20-Yard Roll Off (WFN-381) located at the Parsons Hope Mills trailer) or DOT-approved 55 gallon steel drum	Green Non-Hazardous Waste label	Coordinate with the plant. The plant will arrange transport to Chemours-approved disposal facility. Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Spent GAC filter vessels	RCRA non-hazardous	Use residential treatment data	Place in 3 cubic foot tank for return to North American Aqua	Green Non-Hazardous Waste label	To Chemours approved regeneration vendor;
Seep Flow-Through Cell Waste					
Carbon soil mix	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in DOT approved 55 gallon steel drum	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Soil, carbon, and filter fabric	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in DOT approved 55-gallon drums or dry and place in a roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Soil from seep cell influent pond	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in DOT approved 55-gallon drums or dry and place in a roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Spent carbon sludge See section 4.3.2	RCRA non-hazardous Carbon Acceptance 6922N	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, Metals, Cyanide)	Place in bulk container or Calgon Bulk Transfer Truck	"Spent Carbon"	To Chemours approved regeneration vendor, Calgon Catlettsburg, KY
Black Creek Aquifer System					
Trash **not** in contact with environmental media	RCRA non-hazardous	None	Place in black plastic trash bags and dispose of in trash dumpster	None	Place in general trash non-contact dumpster on-site or at the Parsons Hope Mills trailer
003 Influent Pond					
Soil from 003 influent pond. Approximately 10,000 CY	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Stockpile on-site	Green Non-Hazardous Waste label	On-site reuse
General Operation and Maintenance					
Vegetation and root balls from clearing and grubbing operations	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in a 20 cubic yard roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Used Oil and Hydraulic Fluids	RCRA non-hazardous	None	Place in DOT-approved 55-gallon steel drum until full.	"Used Oil" or "Hydraulic Fluids," Date containerized	To Chemours-authorized recycling facility
Aerosol cans	Universal Waste	None	Place in DOT-approved 5-gallon or 55-gallon container	Universal Waste, Aerosol Cans	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Used batteries (i.e., alkaline)	RCRA non-hazardous	None	Place in DOT-approved 5-gallon or 55-gallon container.	"Used Alkaline Batteries"	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Other batteries (i.e., mercury, NiCd, lead acid, lithium)	Universal Waste	None	Place in DOT-approved 5-gallon or 55-gallon container.	"Used batteries" date containerized	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Fluorescent light bulbs	Universal Waste	None	Place in original container until full.	"Used Lamps" date containerized	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Recyclable– paper and cardboard **not in contact** with environmental media	Solid Waste	None	On-site recycle container	None	To be disposed into on-site recycle container located at the Parsons Hope Mills site
General trash - **not in contact** with environmental media	Solid Waste	None	Place in a black plastic bag and place in on-site trash container	None	Place in general trash non-contact dumpster on-site or at the Parsons Hope Mills trailer.
General trash - **in contact** with environmental media	Solid Waste	None	Place in a yellow plastic bag and place in on-site trash container WFN-381 roll off located at the Parsons Hope Mills site	Green Non-Hazardous Waste label	Coordinate with the plant. Plant will arrange transport to Chemours-approved disposal facility

*To be processed into pool reactivated (pool react) carbon. Pool react carbon can be used for other carbon applications except potable water. See the carbon acceptance package in Appendix A.

4.2 Project Waste – On-Site

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
On-Site Stormwater Treatment System					
Soil	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in 20 cubic yard roll off or DOT approved 55 gallon steel drum	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Soil from temporary barrier wall stabilization. Approximately 30,000 yd^3	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Stockpile on-site	Green Non-Hazardous Waste label	On-site reuse

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Water generated by dewatering excavation	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in a container DOT approved for liquid service	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Decontamination water	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity, Total Sulfide, Total Cyanide	Place in a container DOT approved for liquid service	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Sludge from stormwater treatment system solids See Section 4.3 and 4.3.1	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in a 20 Cubic yard roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Spent Carbon See Section 4.3.3	RCRA non-hazardous (Analytical Results Pending) Evoqua Carbon Acceptance Number_____	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in a 20 Cubic yard roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
General Operation and Maintenance On-Site					
Spent Carbon from VEN, VES, PPA air carbon adsorbers Profile number (WFN-365) SDS number 130000144733 Veolia WIP number 411777	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Acetonitrile), Ignitability, and Corrosivity	Place in a 20 cubic yard roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Vegetation and root balls from clearing and grubbing operations	RCRA non-hazardous (Analytical Results Pending)	TCLP (Metals, VOC, SVOC, Pest, Herbs), Total (PCBs, PFAS, Metals), Paint Filter, Ignitability, Corrosivity	Place in a 20 cubic yard roll off	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.
Used Oil and Hydraulic Fluids	RCRA non-hazardous	None	Place in DOT-approved 55-gallon steel drum until full.	"Used Oil" or "Hydraulic Fluids," Date containerized	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility

Anticipated Waste Streams

Waste Stream	Proposed RCRA Classification	Anticipated Waste Characterization Testing	Container Requirements and Estimated Volume	Labeling Requirements	Anticipated Disposal Method
Aerosol cans	Universal Waste	None	Place in DOT-approved 5-gallon or 55-gallon container	Universal Waste, Aerosol Cans	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Used batteries (i.e., alkaline)	RCRA non-hazardous	None	Place in DOT-approved 5-gallon or 55-gallon container.	"Used Alkaline Batteries"	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Other batteries (i.e., mercury, NiCd, lead acid, lithium)	Universal Waste	None	Place in DOT-approved 5-gallon or 55-gallon container.	"Used batteries" date containerized	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Fluorescent light bulbs	Universal Waste	None	Place in original container until full.	"Used Lamps" date containerized	Transfer to Fayetteville Works for management to Chemours-authorized recycling facility
Recyclable– paper and cardboard **not in contact** with environmental media	Solid Waste	None	On-site recycle container	None	To be disposed into on-site recycle container
General trash - **not in contact** with environmental media	Solid Waste	None	Place in a black plastic bag and place in on-site trash container	None	Place in general trash non-contact dumpster on-site
General trash - **in contact** with environmental media	Solid Waste	None	Place in 20 cubic yard roll off or DOT approved 55 gallon steel drum	Green Non-Hazardous Waste label	Disposal facility will be determined on a case-by-case basis with approval from Chemours.

4.3 Treatment System Sludge

The EPA defines sludge in 40 CFR 262.10 as any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant (WWTP), water supply plant, or air pollution control facility. The filter cake and spent carbon from the treatment systems are sludges and will be managed as a solid waste.

4.3.1 Filter Cake Sludge

The filter cake sludge is not amenable to reclamation and therefore will be disposed. Chemours, as well as the proposed disposal facility owner (US Ecology Bellville), are electing to manage the filter cake sludge material, containing per- and polyfluoroalkyl substances (PFAS) compounds, in a Subtitle C permitted landfill. As a non-hazardous waste, the sludge is not required to meet LDRs. The disposal facility has determined that

the Subtitle C landfill has adequate design and leachate controls to limit the future migration of PFAS from the disposal units.

US Ecology Bellville has a conditional 1 part per million (ppm) upper acceptance criteria for PFAS concentrations in waste. If the concentration of PFAS in the sludge waste approaches or exceeds this conditional acceptance criteria, US Ecology will evaluate options for the management of the sludge. US Ecology may continue accepting the waste at their Belleville facility if other routine PFAS waste streams from other generators are lower in concentration. Otherwise, US Ecology may need to accept the waste into another of their Subtitle C Landfills. Chemours will evaluate management options for the sludge if the concentration of PFAS approaches or exceeds the 1 ppm acceptance criteria. Other options for management of PFAS sludge greater than 1 ppm include the Chemical Waste Management Subtitle C landfill in Emelle, Alabama, the US Ecology Subtitle C Landfill in Beatty, Nevada, or other destructive Subtitle C treatment facilities, such as either cement kilns or incinerators.

4.3.2 Spent Carbon Sludge from Seep Flow through Cells – Calgon Regeneration

The spent carbon sludge is amenable to reclamation, contains PFAS, and therefore will be reclaimed via Calgon's reactivation process. Per Calgon:

> The destruction of adsorbates on spent activated carbon is a two-step process. First, the adsorbates are volatilized or desorbed from the carbon surface. Some of the desorbed contaminants are destroyed in the reactivation furnace. Adsorbates that are removed and not destroyed in the furnace are drawn through an abatement system, which consists of a thermal oxidizer/afterburner, a scrubber, and a baghouse. The abatement system is designed to destroy organics to at least 99.99% efficiency, to neutralize acid gases formed during the process, and to capture particulates. Efficiency and functionality of the abatement system is verified by an approved agency and verified stack testing.

For further information on the reactivation of carbon, please see Appendix B for a Calgon memo regarding *Reactivation of Activated Carbon for Per- and Polyfluoroalkyl Substances (PFAS) Removal* (Calgon, 2020).

Calgon has a conditional upper acceptance criterion for PFAS concentrations in the carbon. The limiting factor in the acceptance of PFAS laden carbon for reactivation is a maximum fluoride level of 0.4%. On a case-by-case basis, Calgon can choose to accept carbon with higher than 0.4% fluoride and blend it with other customers' spent carbon to keep the overall level on the load being reactivated lower than 0.4% fluoride.

The Fayetteville Works spent carbon will be reactivated. Calgon reactivated carbon is limited to industrial use only and will not be available for use in potable water systems.

NOTE: A carbon that has been determined to be a non-hazardous waste is a solid waste. After reclamation, the carbon has been reactivated and is a commodity that can be used in commerce.

4.3.3 Spent Carbon from On-Site Stormwater System– Evoqua Regeneration

Carbon from the on-site surface water treatment system will be sent to Evoqua for regeneration at their Darlington, Pennsylvania facility. Evoqua Darlington operates five kilns for batch regeneration of carbon. All kilns are operated to maintain compliance with

site-specific operating permits, the protocol for the EPA's destruction and removal efficiency regulation, state, and federal operating permits.

The Darlington facility will require:

- Signed profile with approval from PADEP
- Treatability sample consisting of two 1 quart samples of spent carbon

NOTE: A carbon that has been determined to be a non-hazardous waste is a solid waste. After reclamation, the carbon has been reactivated and is a commodity that can be used in commerce.

4.4 Universal Waste

The consent order activities are not expected to generate universal wastes. Any universal waste will be accumulated according to the procedures below. All universal will be transferred to the Fayetteville plant universal waste collection area a minimum of once every six months. Appendix C contains universal waste handling guidance for the CRG.

4.4.1 Batteries (Miscellaneous)

Various types of batteries may be generated from different processes/activities at the Chemours Fayetteville Works. The following outlines proper disposal and accumulation procedures for many common types of batteries used in the marketplace:

- Alkaline: This type of battery is not an EPA Environmental Hazard and is not subject to RCRA guidelines. Disposal method is into an industrial waste dumpster or into the regular trash that goes to a Chemours-approved landfill. Example of usage is a flashlight, wall clock, or radio.
- Mercury: This type of battery contains mercury (Hg) and may either be disposed of as RCRA hazardous waste or as a universal waste. It will be managed in a Waste Accumulation Area. It has EPA Hazardous Code of (D009) when declared a hazardous waste.
  Example of usage is a lighting fixture or illumination type equipment.
- NiCad: This type of battery contains nickel and cadmium (CD) and may either be disposed of as RCRA hazardous waste or as a universal waste. It will be managed in a Waste Accumulation Area. It has an EPA Hazardous Code of (D006) when declared a hazardous waste.
  Example of usage is a personal watch, calculator, or laboratory equipment.
- Lead Acid: This type of battery contains both Lead (Pb) and may either be disposed of as RCRA hazardous waste or as a universal waste. It will be managed in a Waste Accumulation Area. It has EPA Hazardous Codes (D002) and (D008) when declared a hazardous waste.
  Example of usage is emergency back-up lighting or a vehicle battery.
- Lithium: This type of battery contains Lithium (can be dangerous when subjected to the right conditions) and may either be disposed of as RCRA hazardous waste or as a universal waste. It will be managed in a Waste Accumulation Area. It has an EPA Hazardous Code of (D003) when declared a hazardous waste.
  Example of usage is a laptop computer or office and laboratory equipment.

4.4.2 Fluorescent Light Bulbs

At the Chemours Fayetteville Works, fluorescent light bulbs will be considered universal waste for disposal purposes. Thus, collection of florescent light bulbs will be in an original container and stored in a general accumulation area until container is filled. This container cannot exceed **1 year** from the date the first bulb is placed in the container.

Each container will be labeled with the words, “USED LAMPS” and be marked with appropriate accumulation start date. Disposal arrangements will be completed by contacting CRG Waste Disposal Consultant.

4.5 Special Waste

4.5.1 Disposal of Calibration Gas Canisters

The following disposal method shall be used to dispose of used calibration gas canisters:

- Completely empty the calibration gas canister using **the regulator provided**. No pressure should record on the register gauge, and no hiss or escaping gas should be heard.
- Write the word “empty” on the outside of the canister with a permanent marker.
- When possible, dispose of any empty canister in a Chemours-controlled waste receptacle or scrap metal container. If this is not possible, discard the canister in an industrial or other waste dumpster.

DO NOT SHIP PARTIALLY USED OR EMPTY CALIBRATION CANISTERS BACK TO THE VENDOR.).

4.5.2 Used Oil/Hydraulic Fluids

Used oil may either be recycled as an RCRA-exempt waste or disposed as solid waste.

Used Oil Regulations

There are three criteria that must be met in order for the waste to be classified as used oil (40 § CFR 279.1, definition of used oil):

- Origin: The substance must be derived from crude or synthetic oil.
- Use: The used oil has been drained from equipment or vehicles and has not been mixed with other material after removal.
- Contamination: The substance is contaminated from use in equipment or vehicles.

Regulatory Relief Under Used Oil Regulations

The RCRA used oil regulations are at 40 CFR 279. EPA presumes the oil will be recycled, regardless of its final disposition, and all parties involved with generation, transport and disposal are regulated under part 279. No hazardous characteristic determination is required if the oil is to be recycled. EPA guidance instructs generators to manage used oil, even oils that exhibit a hazardous characteristic, under part 279. Used oil sent for recycle may contain up to 1000 milligrams per kilogram (mg/kg) halogenated compounds, typically present from spent solvents. Used oil only requires a hazardous waste determination if going for disposal or mixed with hazardous waste(s).

Transportation Requirements

The generator must use a registered transporter for the used oil. The shipping paper for the used oil that will be recycled is a bill of lading. The proper shipping name for engine lubricating oil is as follows:

- UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Used Oil), 9, PG III

The proper shipping name for a combustible oil is as follows:

- NA1993, Combustible Liquid, N.O.S (Used Oil), PGIII

Analytical Testing Requirements

Analytical testing of the used oil is recommended for compliance with the RCRA and to confirm the used oil is not regulated under the TSCA for PCBs. It is recommended that the following analysis be performed on a routine basis (no more than every 3 years).

- Total Organic Halogens (TOX): The total halogenated compound content needs to be less than 1,000 mg/kg in order for the used oil to be managed under 40 CFR § 279. Chemours contracted laboratories can perform a TOX analysis to determine the total halogenated compounds content in the oil.
- Total PCBs: The total PCBs need to be less than 50 mg/kg in order for the used oil to be managed under 40 CFR § 279.
- DOT Hazardous Materials Regulations (HMR): The concentrations of the potential contaminants need to be less than the Reportable Quantity (RQ) or Marine Pollutant thresholds in order to ship under the UN 3082 number.

4.5.3 Petroleum-Contaminated Media and Debris

A common waste stream managed at remediation sites includes petroleum or hydraulic oil contaminated soil and groundwater.

Petroleum-impacted media and debris that fail TCLP for D018 through D043 **only** are regulated under the Underground Storage Tank (UST) regulation at 40 CFR 280 and are solid wastes that are not hazardous wastes, by exemption at 40 CFR 261.4(b)(10).

UST-related contaminated soil and groundwater still need to pass TCLP for D004 through D017 to qualify for the exemption.

Waste meeting this exemption will be profiled for disposal as a solid waste at an approved Subtitle D, non-hazardous waste disposal facility. Generator waste determination records should include a description of the source of the petroleum, confirmation that the petroleum-impacted environmental media are regulated under 40 CFR 280, and analytical test results demonstrating the impacted media did not fail TCLP for D004 through D017.

5.0 Waste Handling Procedures

5.1 Waste Container Inventory Documentation

The following documentation needs to be forwarded to the AECOM Waste Management Group (as necessary).

- Waste Management Field Documentation Form (see Appendix D)
- Waste Container and Equipment Log (see Appendix E)

5.2 Container Labeling Instructions

Example labels for the waste streams are included in Appendix F. Label information will be completed in a permanent marker.

- **Roll-offs**: When roll-offs are offered for shipment off-site, they must comply with Department of Transportation (DOT) rules. Per DOT rules, roll-off boxes that contain hazardous waste will require one label per side (four total) before offering the roll-off box for shipment. RCRA non-hazardous wastes need only one label indicating non-hazardous waste for shipment and hazard communication purposes.
- **Drummed Waste**: During on-site storage, drummed waste must have one label affixed to the top 1/3 of each drum and clearly visible.

5.3 Container Covering Requirements

All containers must be closed at all times, except when adding or removing wastes per 40 CFR 262, 264, and 265.

All roll-off boxes will be equipped with tarps. Per RCRA, tarps must be securely strapped down on all roll-off boxes except during placement and/or removal of waste from the box. The tarps are equipped with black rubber straps, which must be secured before leaving the site or offering the roll-off box for over the road shipment.

Under the same requirements, drum lids must be securely closed after filling. Per DOT requirements, lids must fit tightly, and closure bolts must be securely tightened before offering the drum for shipment.

5.4 Container Storage Time Limits and Inspection Requirements

Waste Type	Generator Status	Storage Time Limit	Inspection Requirement
RCRA Non-Hazardous	Not Applicable	1 Year	Initial inventory and as added
RCRA Hazardous	Large Quantity Generator	90 Days	Inventory and inspect weekly
Universal Waste	Small Quantity Handler	1 Year	Initial inventory and as added

The accumulation start date is the date waste was first placed in the storage container (e.g., drum, roll-off box, or tank). Waste containers may be stored in a designated waste accumulation area until characterization is completed and may remain in this area until shipment. An Accumulation Area Inspection Log for hazardous waste is included in Appendix G.

5.5 Temporary Stockpiles for RCRA Non-Regulated Wastes

All tested RCRA non-regulated waste will be stockpiled in locations where potential impact to underlying materials is minimized. Facility personnel may use temporary stockpiles until roll-off box containers are available or material can be direct loaded into end-dump trucks. These stockpiles will be covered, secured, and managed to control stormwater runoff and prevent wind erosion.

The stockpiles will be inspected on a routine basis to confirm that they are covered and secured. The stockpiles will be directly loaded for disposal as soon as practicable after selection of the disposal facility, profiling, and contracting are completed.

6.0 Shipper Transportation Classification

The Hazardous Materials Regulations (HMR) require the offeror to classify and describe the material in accordance with the HMR requirements, specifically at 49 CFR § 173.22(a)(1). For remediation sites, the primary material in the waste (soil, process media, groundwater, etc.) itself is not a hazardous material. The offeror must determine if the waste is a HMR hazardous substance due to the presence of contaminants in the waste. The HMR lists the hazardous substances and reportable quantities (RQ) at 40 CFR § 172.101 Appendix A.

If the concentration of a hazardous substance (or contaminants in soil) in a single package exceeds the RQ, then the containers or load must be shipped as a hazardous material. In the case of contaminated soil, the soil and the contaminants together are classified as a mixture. Wastes classified as hazardous materials will require specific packaging, placarding, marking, and shipping papers as prescribed by the Department of Transportation (DOT). Hazardous wastes are automatically classified a hazardous material by rule.

In 40 CFR § 172.101 Appendix B, the HMR lists the Marine Pollutants. If the concentration of a marine pollutant listed in the table in a single package or vessel exceeds ten percent by weight of one or more pollutants, then the material is a marine pollutant. If the concentration of a severe marine pollutant listed in the table in a single package exceeds one percent by weight of one or more pollutants, then the material is a severe marine pollutant. The shipment of that hazardous substance will require a specified shipping name format, and possibly placarding or marking of the container.

Per the definitions in DOT regulations at 40 CFR § 171.8, a mixture means a material composed of more than one chemical compound or element. For the purposes of this discussion, contaminated soil or process residues are a mixture of the soil or residue and the contaminants. Per those same definitions, a hazardous substance (or its mixture) satisfies three conditions:

- It is listed in 40 CFR § 172.101 Appendix A.
- It is in a quantity in a single package that exceeds the RQ.
- For other than radionuclides, it exceeds a specified percentage or concentration corresponding to the RQ.

A material, such as contaminated soil, can be classified as a non-hazardous waste or a hazardous waste for the purposes of RCRA. That same material will be classified a non-HMR regulated material or a HMR hazardous material.

Based on the project scope, the following wastes have the potential to require packaging, labeling, and shipment as hazardous materials.

Waste	Concentration of Regulated Contaminant	Total Volume of Container or Shipment	Estimated Total Concentration of Contaminant in the Waste	Contaminant RQ
Example: Soil with lead	Bulk Soil with 10,000 mg/kg lead (1%)	20 tons, 40,000 pounds	400 pounds	10 pounds

6.1 Transporter Requirements

Chemours or their contractors will provide DOT hazardous materials transporters for this project. Waste anticipated for this project includes the following classes of material:

- Non-RCRA, Non-DOT waste. The transporter requirement is a commercial driver's license (CDL).
- Class 9 environmentally hazardous material. This type of material is not a hazardous waste but is classified as a DOT hazardous material. The transporter requirement is a CDL but does not require the hazardous materials endorsement. Transporters are required to provide Class 9 markings for shipping code UN3077 and UN3082 (typical).

The following type of waste is not anticipated for this project but is included consistent with the Fayetteville Works LQG status and to allow a rapid transition if needed (if any consent order activity waste becomes characterized as hazardous in the future).

- Class 9 hazardous waste. This will be for waste that is classified as a RCRA hazardous waste. The transporter requirement is a CDL with the hazardous materials endorsement. Transporters are required to provide Class 9 placards and markings for shipping code NA3077 and NA3082 (typical).

7.0 Spill Response and Reporting Requirements

Based on the identified scope compared to federal and state spill requirements, the following substances have been identified that may potentially enact spill reporting. If any of the identified substances are released, the following contacts will be made to determine spill reporting requirements.

Chemical Substance	Reportable Quantity
Petroleum Products (Motor Oil, Hydraulic Oil fuels from vehicles or heavy equipment)	Produces Sheen on Surface Body > 5 Gallons

7.1 Project Contacts

Should a release occur for any of the substances identified above or any others, it should be appropriately reported to the project contacts (and/or site emergency coordinator) identified below. Based on media affected and/or amount of substance, agency reporting may be necessary.

Name	Location	Telephone
Brandon Weidner, Parsons (Chemours Site Representative for CRG Off-Site Waste)	Hope Mills, NC	Cell#: 910-729-9319
Eddie Vega (Chemours Environmental Specialist, On-Site Waste Contact)	Fayetteville, NC	Office# 910-678-938 Cell# 910-308-6519
Christel Compton (Site Environmental Manager)	Fayetteville, NC	Office#: 910-678-1213
Jon Amsterdam (AECOM Waste Specialist)	Newark, DE	Cell#: 302-530-3793
Kevin Garon (Chemours CRG Project Director)	Fort Mill, SC	Cell#: 704-560-6435
Sebastian Bahr (Chemours CRG Project Director)	Jacksonville, FL	Cell#: 609-221-8253
Tom Ei (Chemours CRG Remediation Team Manager)	Wilmington, DE	Office#: 302-773-0240 Cell#: 610-417-0729

*** Kevin Garon** will make the appropriate reporting within the CRG organization, and **Chrystal Simmons** will make the appropriate reporting within the Fayetteville Works site.

7.2 Agency Spill Reporting Requirements and Contacts

If a release exceeds the quantity cited above, the release must be reported to the appropriate federal and/or state agency. **Sebastian Bahr** shall notify the following agencies as necessary.

Emergency Response and Agency Contacts for Spill Reporting

Name	Telephone
U.S. EPA National Response Center	1-800-424-8802
North Carolina State 24-hour Notification Number	1-800-858-0368
NC DEQ Fayetteville Regional Office	1-910-433-3300

8.0 Generator Requirements

A generator of hazardous waste may potentially be required to comply with the following requirements, depending on the generator category.

8.1 Counting for Determining Generator Category

Generator category is based on the amount of hazardous waste generated per calendar month.

The Fayetteville plant is currently a LQG due to waste generated from other processes, not included in this scope. Waste generated as part of the consent order activities are anticipated to be non-hazardous.

8.2 Training

AECOM personnel supporting this project have current RCRA and DOT training. Additional support personnel can be trained to ship a specific material if supervised by someone in the organization with the required training.

8.3 Waste Plans

In general, any remediation project will require a PSWMP. That PSWMP may either be narrowly tailored to a specific field exercise, or if there are many ongoing field activities, into a site-wide waste management plan. The waste management plan must be developed by waste management consultants with delegated authority by Chemours to act on behalf of Chemours for waste-related matters. The PSWMP will include the required elements based on the professional judgement of the waste consultant. This plan fulfills the PSWMP requirement for the Fayetteville Works consent order activities.

8.4 Waste Reporting and Fees

As a LQG, the Fayetteville plant requires biennial hazardous waste reporting.

It is anticipated that all waste streams generated by the consent order activities will be RCRA non-hazardous and will not be included in the Chemours Fayetteville Works 2021 biennial hazardous waste reporting. However, if any consent order activity waste stream is characterized as hazardous, that specific waste volumes and shipment dates will be reported to the plant environmental coordinator and included in any biennial reporting from the Fayetteville plant. In that case, the waste management consultant will coordinate with site personnel to provide the information needed to complete such reporting.

8.4.1 Biennial Reporting and Waste-Related Fees

It is anticipated that all consent order activity waste streams will be non-hazardous and therefore will not be included in the waste fees paid by Chemours Fayetteville Works., per North Carolina General Statute 130A-294.1. However, Fayetteville Works at large does meet the state threshold for waste fees from ongoing process operations.

Regulatory Agency	Activity	Reporting Deadline
North Carolina Department of Environmental Quality (NC DEQ)	Hazardous Waste Biennial Report	March 1 of even years

Anticipated waste fees owed by the Fayetteville facility are listed in the table below.

Regulatory Agency	Activity	Potential Annual Fee
North Carolina	LQG	$1,400
North Carolina	Hazardous Waste Generated	$0.70 / ton up to 25,000 tons

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Appendices

Appendix A

Carbon Acceptance Package

March 12, 2021

Chemours c/o AECOM
Attn: Jon Amsterdam
5 Marine View Plaza
Hoboken, NJ 07030

RE: Carbon Acceptance 6922N
Chemours Fayetteville WWTP

Dear: Mr. Amsterdam:

Calgon Carbon Corporation has evaluated the spent carbon from the above referenced site. Spent carbon in unlined super sacks, as described in the attached documents, has been approved for thermal reactivation at our Catlettsburg, KY facility and may be returned immediately.

Carbon Acceptance Number (CAN) 6922N has been assigned to this reactivation project. Super sacks must be returned on pallets. Each super sack must be labeled with this number and it must be referenced on all paperwork associated with the return of spent carbon (i.e., bill of lading, etc). This number allows Calgon Carbon personnel to identify the carbon as approved for reactivation.

To arrange the return of the spent unit(s), you **must** contact Calgon Carbon Corporation at 1-866-225-4660 to obtain a Return Material Authorization (RMA). Your call will be directed to a Customer Service Expert who will assist you in arranging the return of the spent carbon. You must have the following information ready for the Customer Service Expert:

1. Pick-up Location
2. Contact Name and Telephone Number
3. Number of Pieces/Container Type
4. Carbon Acceptance Number
5. RCRA Status
6. Billing Address for Freight Charges
7. Facility to Which Unit Will Be Returned

The following guidelines **must** be observed when returning sacks to our facility:

1. Each sack should be properly labeled including CAN.

2. Super sacks must be on good (44”x44”) pallets.

Please note that Calgon Carbon will periodically retest your spent activated carbon to assure it remains acceptable for reactivation. Calgon Carbon also reserves the right to reject any and all spent activated carbon if it has been determined to be unsuitable for reactivation, analytical data indicates the spent carbon to no longer be in accordance with the description in the approved Adsorbate Profile Document and analytical test results incorporated herein, or is non-compliant with any Calgon Carbon environmental permits.

I have included a countersigned copy of the Adsorbate Profile Document you completed and a copy of the test results from the carbon acceptance testing. If you have any questions regarding spent carbon returns, contact me at (412) 787-6609 or your Technical Sales Representative.

Sincerely,

Ron A. Osborn
Carbon Acceptance Specialist

CalgonCarbon
A Kuraray Company

ADSORBATE PROFILE DOCUMENT (APD)

This form must be completed **entirely** to prevent delay in the carbon acceptance process. Ship completed paperwork and representative spent carbon sample to: **Calgon Carbon Corporation** **Attention: Carbon Acceptance Department** **3000 GSK Drive** **Moon Township, PA 15108** **To obtain a sample kit, please call 800-422-7266.**	Include the ***Certification of Generator Form*** for spent carbons deemed RCRA-hazardous. All samples **must** include a ***Chain of Custody Record*** and secure the shipping package with the ***Chain of Custody Record*** seal. It is the responsibility of the generator to make a hazardous waste determination as defined in 40 CFR 262.11. If you have specific questions on these subjects or if you need assistance completing this document, email: carbonacceptance@kuraray.com or call 800-422-7266 and ask for the Carbon Acceptance Department.

Section 1 – Generator Information

Company Name	Chemours c/o AECOM	Facility Name	Chemours Fayetteville WWTP
Mailing Address	4051 Ogletown Road, Suite 300	Facility Address	1248 Bill Hall Road
City, State, Zip	Newark, DE 19713	Facility City, State, Zip	Fayetteville, NC 28306
Technical Contact	Jon Amsterdam	Technical Contact Title	Waste Specialist
Technical Contact Telephone #	302-530-3793	Technical Contact E-Mail Address	jon.amsterdam@aecom.com
Technical Contact Fax #		Technical Contact Cell #	302-530-3793

If APD is for recertification of an existing profile, please provide the Carbon Acceptance Number (CAN):	
Calgon Carbon Technical Sales Representative	Mark Joseph

Section 2 – Billing Information

Please refer to the *Testing Fee Schedule* to determine the total cost for a new carbon acceptance project or recertification testing of an existing approval. Provide a purchase order number for this amount. This information is required in order for testing to begin.

Enter Purchase Order Number for Acceptance Testing: 9901080215		**PO Amount:**	
Bill to Name	Chemours Accounts Payable	Attention	Accounts Payable
Address		Telephone/Cell #	844-350-0520
City, State, Zip		Email	us-payables.helpdesk@chemours.com

Section 3 – Notice to RCRA Manifested Spent Carbon Generators

As a requirement of 40 CFR 264.12(b), Calgon Carbon Corporation is required to notify hazardous waste generators that its facilities have the proper permits in place to accept hazardous spent carbon. The facilities covered under this notification are:

Facility	EPA ID Number
Catlettsburg, KY	KYD005009923
Neville Island, PA	PAD000736942

Section 4 – Regulatory Profile

Carbon Sampling Information	
4.1. Was the sampling method used to obtain a representative sample of the spent carbon collected according to 40 CFR Part 261 – Appendix I, or by using an equivalent method including those provided by Calgon Carbon? Briefly describe method used to obtain sample: Carbon acceptance test Kit	☒ YES
4.2 Type of Sample: ☒ **Composite Sample** ☐ **Grab Sample** ☐ **Carbon Acceptance Canister Sample** **Date Sample Collected:** 02/08/2012	
Waste Characterization Information	
4.3 As a waste generator, you must determine the waste classification according to 40 CFR Part 262.11 to ensure it is properly managed. Has this determination been performed on the spent carbon?	☒ YES
4.4 Is the spent carbon a RCRA hazardous waste as defined in 40 CFR Part 261?	☐ YES ☒ NO
If "YES", list EPA waste code(s):	
If "YES", list Facility EPA ID#:	
4.5 Is the spent carbon a hazardous waste in the facility's state or province?	☐ YES ☒ NO
If "YES", list state or provincial waste code(s):	
If "YES", list Facility State ID#:	
4.6 Has the Toxicity Characteristic Leaching Procedure (TCLP) been performed on the spent carbon sample? Calgon will test carbon for waste determination.	☒ YES ☐ NO
4.7 If "YES", attach complete analytical report. For PA reactivation, enter PA Laboratory Registration Number here: _____ If "NO", provide **a detailed explanation** (attach any additional documentation) supporting use of generator process knowledge in lieu of actual chemical analysis: The seep water has previously analyzed detections of metals (Mercury), PFAS, and radionuclides.	
4.8 Will there be any free liquids present in the spent activated carbon that will have a flash point <140° F (i.e. ignitable) upon arrival at the reactivation facility? If "YES", please explain:	☐ YES ☒ NO
Additional Regulatory Information	
4.9 Does the spent carbon contain benzene subject to the Benzene Waste Operations NESHAP control requirements (40 CFR Part 61 Subpart FF)?	☐ YES ☒ NO
4.10 Is the carbon treating a stream which is subject to the Hazardous Organic NESHAP (HON) Standard (40 CFR Part 63)?	☐ YES ☒ NO
4.11 Is the spent carbon generated at a SUPERFUND (CERCLA) Site?	☐ YES ☒ NO
4.12 Does the spent carbon contain substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372? If "YES", list substances:	☐ YES ☒ NO
4.13 Is the spent carbon known to have radioactive characteristics? If "YES", please explain:	☐ YES ☒ NO
4.14 Does the spent carbon have the potential to possess radioactive characteristics based on radioactivity in the treated application? If "YES", please explain: Groundwater previously detected concentrations of Gross Alpha, Gross Beta, Radium-226, and Radium-228.	☒ YES ☐ NO
4.15 Check the appropriate DOT shipping name for the spent carbon: ☒ Not Regulated ☐ Other _____ ☐ NA3077, Hazardous Waste, Solid, N.O.S., 9, III, (list waste codes) _____ ☐ RQ, NA3077,Hazardous Waste, Solid, N.O.S., 9, III, (list waste codes) _____ ☐ UN3077, Environmentally Hazardous Substance Solid, N.O.S., 9, III _____ ☐ RQ, UN3077, Environmentally Hazardous Substance Solid, N.O.S., 9, III _____ DOT shipping name will be confirmed after analytical completed.	

Section 5 – Carbon Identification and Return Information

5.1 Calgon Carbon Product?	☒ YES ☐ NO	If "YES", enter product name here: F400	If "NO", indicate product type: ☐ Coal Base ☐ Coconut Base ☐ Other _____
If "NO", will future shipments be Calgon Carbon Product?			☐ YES ☐ NO
5.2 Carbon Type: ☒ Granular ☐ Pellet ☐ Granular/Pellet Mix			
5.3 Is the spent carbon free flowing and/or able to be readily transferred from the carbon adsorber/equipment? (i.e. spent carbon particles must not be conglomerated.)	☒ YES ☐ NO	If "NO", describe:	
5.4 Will the spent carbon contain any filter media such as silt, sand, gravel or other foreign material/debris?	☐ YES ☒ NO	If "YES", describe:	

5.5 Adsorption Equipment by:	☐ Calgon Carbon ☐ Customer ☒ Other Cast in place vessel
5.6 Shipment Volume (lbs):	9,000
5.7 Return Frequency:	0.5 Times per Week, Month Year (Circle frequency); or every ____ years; or _____ One Time Only

5.8 Containment Mode for Transporting Spent Carbon to Reactivation Facility: (Check one) * Requires prior approval	☐ Bulk/DumpTruck	☐ 1800 lb. Vapor Pac	☐ 2000 lb. Cyclesorb
	☐ Calgon Bins	☐ Vapor Pac 10	☐ 1000 lb. Cyclesorb
	☒ Super Sack	☐ Vapor Pac 5	☐ Flowsorb
	☐ 55 gal. metal drum	☐ Ventsorb	☐ Mobile Adsorber
	☐ Roll-off box*	☐ Indoor Air Quality (IAQ) Panels	
	☐ Other* (Describe): _____		

Section 6 – Stream Profile

6.1 Select Type of Stream (Check only one)			
Liquid Phase Treatment		**Vapor Phase Treatment**	
☐ Spill Clean-up	☐ Potable Water – GW	☐ Air Stripper	☐ Tank Vent
☐ Industrial Process	☐ Industrial Wastewater	☐ Industrial Process Vapor	☐ Industrial WW Vapor
☐ Food-Grade Process	☐ Groundwater	☐ Food-Grade Process	☐ Soil Extraction
☐ Potable Water – Surface	☒ Other – Describe below	☐ Solvent Recovery	☐ Other – Describe below
Other liquid treatment description: Surface water (groundwater source)		Other vapor treatment description:	

6.2 Stream Components - List the possible adsorbed compounds in the stream:

PFAS, Mercury, radionuclides, fecal coliform

6.3 Provide a detailed description of the process that generates the spent carbon:

Gravity flow through cell installed within streambed

Section 7 – Environmental Audit of Reactivation Facilities

7.1 Will it be necessary for you to perform an environmental audit of the reactivation facilities prior to the return of spent carbon? If an audit is requested you will be contacted to make arrangements.	☐ YES ☒ NO

Section 8 – Safety and Chemical Profile (Attach relevant analyses, toxicological studies, safety data sheets (SDS), etc.)

Does the spent carbon contain any of the following compounds or conditions? If "YES", describe.

	Check One	Describe
8.1 OSHA Regulated Carcinogens (per 29 CFR §1910.1003)	☐ YES ☒ NO	
8.2 Halogenated Organics (Cl, F, Br, I compounds)	☒ YES ☐ NO	F from PFAS compounds
8.3 Sulfur-Containing Compounds	☐ YES ☒ NO	
8.4 Highly Toxic Compounds	☐ YES ☒ NO	
8.5 Biological or Disease-Causing Agents	☐ YES ☒ NO	
8.6 Explosive Compounds (Self-Igniting/Shock Sensitive Material)	☐ YES ☒ NO	
8.7 Odorous Compounds	☐ YES ☒ NO	
8.8 1,2-Dibromo-3-chloropropane (DBCP)	☐ YES ☒ NO	
8.9 Oxidizers as defined in 40 CFR 261.21(a)	☐ YES ☒ NO	
8.10 Metals (As, Ba, Cd, Cr,Cr^{+6}, Pb, Hg, Se, Cu, Mn, Ni, Zn)	☒ YES ☐ NO	Ba, Mn, Hg, NI, Zn

For the following conditions, if answered "YES", attach representative analytical report from an accredited laboratory or select the appropriate analyses on the *Testing Fee Schedule* and indicate on the sample *Chain of Custody* Form.

8.11 TCLP Regulatory Compounds (SW846 1311)	☐ YES ☒ NO	
8.12 Pesticides/Herbicides (SW846 8082)	☐ YES ☒ NO	
8.13 Total Cyanide (SW846 9012)	☐ YES ☒ NO	
8.14 Total Sulfide (SW846 9030)	☐ YES ☒ NO	
8.15 Polychlorinated Biphenyls (PCBs) (SW846 8082)	☐ YES ☒ NO	
8.16 Dioxins/Furans (SW846 8280)	☐ YES ☒ NO	

8.17 Are there any unique safe handling requirements necessary for processing the spent carbon? If "YES", describe:

8.18 If the spent carbon contains proprietary chemicals, list any acute or chronic hazards associated with or alleged to be associated with human contact or exposure to the material.

Section 9 – Generator Certification

9.1 I, the Generator and/or Authorized Agent, certify this **Adsorbate Profile Document** and all the attachments contain true and accurate descriptions of the spent carbon. All of the relevant information within the possession of the Generator regarding known or suspected hazards has been disclosed to Calgon Carbon Corporation. I, the Generator and/or Authorized Agent, acknowledge that Calgon Carbon Corporation must rely on the Ge nerator certification of all chemical and physical characteristics of hazardous substances managed or processed by Calgon Carbon Corporation.

I acknowledge that any changes in character or adsorbate loading, which deviate from this profile, may warrant completion of a new profile document, representative sample and/or a new approval number. Calgon Carbon Corporation reserves the right to rescind any spent carbon returns, which significantly differ from the approved profile.

Name Jon Amsterdam Title Waste Specialist

Signature On Behalf of Chemours Date 2/12/2021

Section 10 – Confidentiality (to be completed by Calgon Carbon authorized personnel)

10.1 Calgon Carbon Corporation, as a consideration of the customer's release of the above information and any Calgon subsequent data provided, agrees to treat such information as confidential property and will not disclose such information to others except as required by law and facility operating permits.

Name Ron A. Osborn Title Carbon Acceptance Team Leader

Signature _____ Date March 12, 2021

Carbon Acceptance Number 6922N Profile Renewal Date 2/12/2026

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Testing Fee Schedule

Standard Carbon Acceptance Testing (must select one)		
Selection must match waste characterization on page 2 of the APD	√	**Fee**
Non-Hazardous Reactivation Testing Fee (Vapor Phase)	☐	$800.00
Non-Hazardous Reactivation Testing Fee (Liquid Phase)	☒	$1,000.00
RCRA Hazardous Reactivation Testing Fee (Vapor Phase)	☐	$1,000.00
RCRA Hazardous Reactivation Testing Fee (Liquid Phase)	☐	$1,200.00
Total Standard Testing Fee		$ 1,000.00
Each project is tested for a standard list of volatile (SW846 8260) and semivolatile (SW846 8270) organic compounds, 1,2-Dibromo-3-chloropropane (SW846 8260), lead (SW846 6010) and mercury (SW846 7471).		
All liquid phase treatment projects are tested for a specific list of metals.		
SW846 6010 Total Metals (Ba,Be,Hg)	X	$200

Additional Testing Services **If answered "YES" in Section 8 of the APD, then a recent analytical report must be provided for Carbon Acceptance review to be completed; or you may check the appropriate selection below and have the testing performed by Calgon Carbon.**	√	**Fee**
Dioxins/Furans (SW846 8280)	☐	$1,260.00
Polychlorinated Biphenyls (PCB) (SW846 8082)	☒	$150.00
Total Sulfide (SW846 9030)	☐	$50.00
Total Cyanide (SW846 9012)	☒	$50.00
TCLP Volatiles (SW846 1311 & 8260)	☒	$260.00
TCLP Semi-Volatiles (SW846 1311 & 8270)	☒	$450.00
TCLP Metals (SW846 1311 6010 & 7470)	☒	$200.00
TCLP Pesticide/Herbicide (SW846 1311 & 8081)	☒	$520.00
PFOA Testing	☐	$500.00
Subtotal of Additional Testing Services		$ 1,830.00
Total Testing Fee = Total Standard Testing Fee + Subtotal of Additional Testing Services		$ 2,830.00
Please note that the standard project turnaround time is 2-3 weeks . If a project requires expedited processing or additional analyes not listed above please contact your Technical Services Representative or a member of the Carbon Acceptance Department by calling 800-422-7266.		
All samples must be shipped in 2-8 ounce glass sample bottle(s) with PTFE lined lids and 1- plastic quart sample bottle with a PTFE lined lid. Samples must be shipped in a sample cooler that is filled with sufficient ice to maintain a sample temperature of to 2-6 ◦C. If needed, these items can be ordered by calling 866-225-4660.		

Carbon Acceptance Test Report

3000 GSK Dr., Moon, PA 15108 (412) 787-6700
PA Laboratory Identification Number 02-04675

TSR Number: 20210238

Customer: Chemours

City, State: Fayetteville, NC

QA Officer

Carbon Acceptance Manager: Rene Kotyk
Applications Engineer:
Sales Person: Mark Joesph

Container: Plastic Bottle - Quart

Platform:

Sent to Testing: 02/22/2021
Completed: 03/01/2021

Total Samples: 1

Tests	Test Method	Results			Units	Analyst
Sample Numbers:		**CA - 13443 - 1**				
AD/Air	RTM-12	0.695	-	-	g/cc	Ford
Contact pH	Modified SW-846 9045D	5.7	-	-	-	Ford
Cyanide, Total	SW-846 - Method 9012A	Attached	-	-	mg/kg	Test America
Dean-Stark Moisture	RTM-14	11	-	-	%	Ford
Full TCLP	SW-846	Attached	-	-	-	Test America
ICP Metals	SW 846 - Method 6010	Attached	-	-	mg/kg	Test America
Ignitability	RTM-10	Pass	-	-	-	Ford
Loading Calculation	Calculation	12	-	-	%	Ford
Nature of Spent Carbon	Physical Description	Wet,GAC,NoOdor	-	-	-	Ford
PFAS Testing	-	-	-	-	-	Ford
Radiation Screen	CCC Test Protocol,	Pass	-	-	cpm	Ford
Radiation Testing	RTM-16	Pass (20.6cpm)	-	-	-	Test America
Spent	SW-846/ASTM Methods	Attached	-	-	%	Ford
Total Bromide	RTM-08B	BDL	-	-	%	Ford
Total Chloride	RTM-08B	0.1	-	-	%	Ford
Total Fluoride	RTM-08B	<0.1	-	-	ug/kg	Test America
Total PCBs	SW-846 - Method 8080	Attached	-	-	%	Ford
Total Sulfur	RTM-08B	0.6	-	-	-	Ford
Water Reaction	Observation	Normal	-	-		

Particle Size Distribution:

Samples:

CA - 13443 - 1 2021 Spent

Comments:

CA - 13443 - 1 20210238.4
CA - 13443 - 1 20210238.5
CA - 13443 - 1 20210238.2
CA - 13443 - 1 20210238.1
CA - 13443 - 1 20210238.3

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-1
Client Project/Site: Carbon Acceptance, 20210238.1

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/2/2021 11:30:32 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-1
Project/Site: Carbon Acceptance, 20210238.1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^c	CCV Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
FL	MS and/or MSD recovery below control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-1
Project/Site: Carbon Acceptance, 20210238.1

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-1	20210238.1	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
EPA 6010C	Metals (ICP)	SW846	TAL PIT
EPA 7471B	Mercury (CVAA)	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
3050B	Preparation, Metals	SW846	TAL PIT
3550C	Ultrasonic Extraction	SW846	TAL PIT
5030C	Purge and Trap	SW846	TAL PIT
7471B	Preparation, Mercury	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.0629 g	10 mL	347372	02/23/21 18:00	PJJ	TAL PIT
Total/NA	Analysis	EPA 8260C		1	0.1 mL	5 mL	347601	02/25/21 12:26	PJJ	TAL PIT
	Instrument ID: CHHP4									
Total/NA	Prep	3550C			2.0 g	20 mL	347738	02/26/21 08:46	B1B	TAL PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	347894	03/01/21 17:53	JAS	TAL PIT
	Instrument ID: CH722									
Total/NA	Prep	3050B			1.15 g	100 mL	347513	02/24/21 10:41	KEM	TAL PIT
Total/NA	Analysis	EPA 6010C		1			347657	02/25/21 09:36	RJG	TAL PIT
	Instrument ID: C									
Total/NA	Prep	7471B			0.70 g	100 mL	347501	02/24/21 09:14	MM1	TAL PIT
Total/NA	Analysis	EPA 7471B		1			347647	02/25/21 11:59	KHM	TAL PIT
	Instrument ID: HGY									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

B1B = Bella Ballin
KEM = Kimberly Mahoney
MM1 = Mary Beth Miller
PJJ = Patrick Journet

Batch Type: Analysis

JAS = Jeremy Stundon
KHM = Kyle Mucroski
KMM = Kendric Moore
PJJ = Patrick Journet
RJG = Rob Good

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4900		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Benzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromodichloromethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromoform	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromomethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
2-Butanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Carbon disulfide	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Carbon tetrachloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chlorobenzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloroform	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloromethane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
cis-1,3-Dichloropropene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Dibromochloromethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dibromo-3-Chloropropane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1-Dichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1-Dichloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloroethene, Total	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloropropane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Ethylbenzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
2-Hexanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Methylene Chloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
4-Methyl-2-pentanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Styrene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,2,2-Tetrachloroethane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Tetrachloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Toluene	ND	*-	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
trans-1,3-Dichloropropene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,1-Trichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,2-Trichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Trichloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Vinyl chloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Xylenes, Total	ND		2400		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*02/23/21 18:00*	*02/25/21 12:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*66 - 118*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
Dibromofluoromethane (Surr)	*82*		*61 - 116*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 129*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
Toluene-d8 (Surr)	*110*		*62 - 115*	*02/23/21 18:00*	*02/25/21 12:26*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Acenaphthylene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[a]anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[b]fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[g,h,i]perylene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[k]fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-chloroethoxy)methane	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-chloroethyl)ether	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-ethylhexyl) phthalate	ND		34000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Bromophenyl phenyl ether	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Butyl benzyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Carbazole	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chloroaniline	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chloro-3-methylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Chloronaphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Chlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chlorophenyl phenyl ether	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Chrysene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dibenz(a,h)anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dibenzofuran	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,2-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,3-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,4-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
3,3'-Dichlorobenzidine	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dichlorophenol	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Diethyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dimethylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dimethyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Di-n-butyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4,6-Dinitro-2-methylphenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dinitrophenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dinitrotoluene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,6-Dinitrotoluene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Di-n-octyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Fluorene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorobenzene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorobutadiene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorocyclopentadiene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachloroethane	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Indeno[1,2,3-cd]pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Isophorone	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Methylnaphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Methylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Methylphenol, 3 & 4	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Naphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
3-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Nitrobenzene	ND		34000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Nitrophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
N-Nitrosodi-n-propylamine	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
N-Nitrosodiphenylamine	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,2'-oxybis[1-chloropropane]	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Pentachlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Phenanthrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Phenol	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,2,4-Trichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4,5-Trichlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4,6-Trichlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*02/26/21 08:46*	*03/01/21 17:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*48*		*35 - 105*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
2-Fluorophenol	*14*	*S1-*	*39 - 103*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Nitrobenzene-d5	*47*		*25 - 104*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Phenol-d5	*3*	*S1-*	*25 - 105*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Terphenyl-d14	*17*	*S1-*	*25 - 127*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
2,4,6-Tribromophenol	*0.9*	*S1-*	*35 - 124*	*02/26/21 08:46*	*03/01/21 17:53*	*1*

Method: EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg	☼	02/24/21 10:41	02/25/21 09:36	1

Method: EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	FL	0.048		mg/Kg	☼	02/24/21 09:14	02/25/21 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**41.0**		0.1		%			02/24/21 11:24	1
Percent Solids	**59.0**		0.1		%			02/24/21 11:24	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-347372/1-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347372

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Benzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromodichloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromoform	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromomethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
2-Butanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Carbon disulfide	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Carbon tetrachloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chlorobenzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloroform	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
cis-1,3-Dichloropropene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Dibromochloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dibromo-3-Chloropropane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1-Dichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1-Dichloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloroethene, Total	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloropropane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Ethylbenzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
2-Hexanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Methylene Chloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
4-Methyl-2-pentanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Styrene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,2,2-Tetrachloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Tetrachloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Toluene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
trans-1,3-Dichloropropene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,1-Trichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,2-Trichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Trichloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Vinyl chloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Xylenes, Total	ND		1300		ug/Kg		02/23/21 07:04	02/23/21 11:52	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*02/23/21 07:04*	*02/23/21 11:52*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*66 - 118*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
Dibromofluoromethane (Surr)	*96*		*61 - 116*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*58 - 129*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
Toluene-d8 (Surr)	*85*		*62 - 115*	*02/23/21 07:04*	*02/23/21 11:52*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-347372/2-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			6250	5530		ug/Kg		88	77 - 117		
Chlorobenzene			6250	6120		ug/Kg		98	84 - 124		
1,1-Dichloroethene			6250	4260		ug/Kg		68	58 - 127		
Toluene			6250	5010	*-	ug/Kg		80	83 - 123		
Trichloroethene			6250	5780		ug/Kg		93	71 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*66 - 118*
Dibromofluoromethane (Surr)	*100*		*61 - 116*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 129*
Toluene-d8 (Surr)	*80*		*62 - 115*

Lab Sample ID: LCSD 180-347372/3-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			6250	4940		ug/Kg		79	77 - 117	11	20
Chlorobenzene			6250	5970		ug/Kg		96	84 - 124	2	20
1,1-Dichloroethene			6250	3920		ug/Kg		63	58 - 127	8	24
Toluene			6250	5240		ug/Kg		84	83 - 123	4	21
Trichloroethene			6250	5170		ug/Kg		83	71 - 124	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*66 - 118*
Dibromofluoromethane (Surr)	*93*		*61 - 116*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 129*
Toluene-d8 (Surr)	*88*		*62 - 115*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Acenaphthylene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[a]anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[a]pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[b]fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[g,h,i]perylene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[k]fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-chloroethoxy)methane	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-chloroethyl)ether	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-ethylhexyl) phthalate	ND		20000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Bromophenyl phenyl ether	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Carbazole	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chloroaniline	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chloro-3-methylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Chloronaphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Chlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chlorophenyl phenyl ether	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Chrysene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dibenz(a,h)anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dibenzofuran	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,2-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,3-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,4-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
3,3'-Dichlorobenzidine	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dichlorophenol	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Diethyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dimethylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dimethyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Di-n-butyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4,6-Dinitro-2-methylphenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dinitrophenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dinitrotoluene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,6-Dinitrotoluene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Di-n-octyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Fluorene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorobenzene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorobutadiene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorocyclopentadiene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachloroethane	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Indeno[1,2,3-cd]pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Isophorone	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Methylnaphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Methylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Methylphenol, 3 & 4	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Naphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
3-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Nitrobenzene	ND		20000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Nitrophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Nitrophenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
N-Nitrosodi-n-propylamine	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
N-Nitrosodiphenylamine	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,2'-oxybis[1-chloropropane]	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Pentachlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Phenanthrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Phenol	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4,5-Trichlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4,6-Trichlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*02/26/21 08:46*	*03/01/21 09:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*35 - 105*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
2-Fluorophenol	*77*		*39 - 103*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Nitrobenzene-d5	*83*		*25 - 104*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Phenol-d5	*86*		*25 - 105*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Terphenyl-d14	*78*		*25 - 127*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
2,4,6-Tribromophenol	*61*		*35 - 124*	*02/26/21 08:46*	*03/01/21 09:57*	*1*

Lab Sample ID: LCS 180-347738/2-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100000	67900		ug/Kg		68	47 - 104
Acenaphthylene	100000	66300		ug/Kg		66	49 - 114
Anthracene	100000	76400		ug/Kg		76	45 - 112
Benzo[a]anthracene	100000	75900		ug/Kg		76	47 - 110
Benzo[a]pyrene	100000	75400		ug/Kg		75	40 - 112
Benzo[b]fluoranthene	100000	73600		ug/Kg		74	41 - 107
Benzo[g,h,i]perylene	100000	74100		ug/Kg		74	38 - 126
Benzo[k]fluoranthene	100000	77200		ug/Kg		77	40 - 115
Bis(2-chloroethoxy)methane	100000	76800		ug/Kg		77	38 - 105
Bis(2-chloroethyl)ether	100000	78200		ug/Kg		78	35 - 106
Bis(2-ethylhexyl) phthalate	100000	76000		ug/Kg		76	40 - 117
4-Bromophenyl phenyl ether	100000	72900		ug/Kg		73	47 - 110
Butyl benzyl phthalate	100000	74500		ug/Kg		74	35 - 118
Carbazole	100000	77900		ug/Kg		78	45 - 114
4-Chloroaniline	100000	71200		ug/Kg		71	25 - 108
4-Chloro-3-methylphenol	100000	77400		ug/Kg		77	40 - 109
2-Chloronaphthalene	100000	73100		ug/Kg		73	46 - 101
2-Chlorophenol	100000	76200		ug/Kg		76	40 - 101
4-Chlorophenyl phenyl ether	100000	73300		ug/Kg		73	47 - 109
Chrysene	100000	76300		ug/Kg		76	46 - 111
Dibenz(a,h)anthracene	100000	79100		ug/Kg		79	39 - 127
Dibenzofuran	100000	72100		ug/Kg		72	46 - 104
1,2-Dichlorobenzene	100000	75000		ug/Kg		75	36 - 101
1,3-Dichlorobenzene	100000	74700		ug/Kg		75	35 - 101
1,4-Dichlorobenzene	100000	75400		ug/Kg		75	36 - 101
3,3'-Dichlorobenzidine	100000	71500		ug/Kg		72	25 - 122
2,4-Dichlorophenol	100000	75300		ug/Kg		75	47 - 105
Diethyl phthalate	100000	70400		ug/Kg		70	47 - 115

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-347738/2-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	100000	75200		ug/Kg		75	44 - 105
Dimethyl phthalate	100000	72600		ug/Kg		73	49 - 111
Di-n-butyl phthalate	100000	76100		ug/Kg		76	43 - 121
4,6-Dinitro-2-methylphenol	200000	121000		ug/Kg		60	24 - 134
2,4-Dinitrophenol	200000	67000		ug/Kg		33	10 - 146
2,4-Dinitrotoluene	100000	77400		ug/Kg		77	45 - 124
2,6-Dinitrotoluene	100000	76600		ug/Kg		77	40 - 122
Di-n-octyl phthalate	100000	70500		ug/Kg		71	33 - 129
Fluoranthene	100000	75700		ug/Kg		76	40 - 120
Fluorene	100000	72300		ug/Kg		72	46 - 109
Hexachlorobenzene	100000	64900		ug/Kg		65	47 - 108
Hexachlorobutadiene	100000	68700		ug/Kg		69	43 - 107
Hexachlorocyclopentadiene	100000	58900		ug/Kg		59	23 - 129
Hexachloroethane	100000	79300		ug/Kg		79	35 - 104
Indeno[1,2,3-cd]pyrene	100000	76200		ug/Kg		76	41 - 125
Isophorone	100000	75500		ug/Kg		75	40 - 110
2-Methylnaphthalene	100000	74500		ug/Kg		74	45 - 100
2-Methylphenol	100000	79100		ug/Kg		79	40 - 104
Methylphenol, 3 & 4	100000	82200		ug/Kg		82	40 - 114
Naphthalene	100000	70000		ug/Kg		70	38 - 105
2-Nitroaniline	100000	76300		ug/Kg		76	45 - 117
3-Nitroaniline	100000	70600		ug/Kg		71	34 - 122
4-Nitroaniline	100000	75900		ug/Kg		76	38 - 123
Nitrobenzene	100000	77600		ug/Kg		78	33 - 109
2-Nitrophenol	100000	76600		ug/Kg		77	40 - 106
4-Nitrophenol	200000	146000		ug/Kg		73	36 - 127
N-Nitrosodi-n-propylamine	100000	85400		ug/Kg		85	42 - 107
N-Nitrosodiphenylamine	100000	75700		ug/Kg		76	44 - 111
2,2'-oxybis[1-chloropropane]	100000	65500		ug/Kg		65	31 - 111
Pentachlorophenol	200000	129000		ug/Kg		65	17 - 122
Phenanthrene	100000	75300		ug/Kg		75	43 - 108
Phenol	100000	78500		ug/Kg		78	41 - 102
Pyrene	100000	77600		ug/Kg		78	41 - 115
1,2,4-Trichlorobenzene	100000	73600		ug/Kg		74	43 - 100
2,4,5-Trichlorophenol	100000	74100		ug/Kg		74	42 - 112
2,4,6-Trichlorophenol	100000	74500		ug/Kg		75	45 - 106

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*35 - 105*
2-Fluorophenol	*73*		*39 - 103*
Nitrobenzene-d5	*80*		*25 - 104*
Phenol-d5	*81*		*25 - 105*
Terphenyl-d14	*76*		*25 - 127*
2,4,6-Tribromophenol	*65*		*35 - 124*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347513/1-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347513

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1

Lab Sample ID: LCS 180-347513/2-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347513

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	47.3		mg/Kg		95	80 - 120		

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-347501/1-A
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347501

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033		mg/Kg		02/24/21 09:14	02/25/21 11:57	1

Lab Sample ID: LCS 180-347501/2-A
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347501

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.417	0.355		mg/Kg		85	80 - 120		

Lab Sample ID: 180-117414-1 MS
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: 20210238.1
Prep Type: Total/NA
Prep Batch: 347501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND	FL	0.242	ND	FL	mg/Kg	☼	16	80 - 120		

Lab Sample ID: 180-117414-1 MSD
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: 20210238.1
Prep Type: Total/NA
Prep Batch: 347501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	FL	0.229	0.0460	FL	mg/Kg	☼	20	80 - 120	20	20

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

GC/MS VOA

Analysis Batch: 347331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-347372/1-A	Method Blank	Total/NA	Solid	EPA 8260C	347372
LCS 180-347372/2-A	Lab Control Sample	Total/NA	Solid	EPA 8260C	347372
LCSD 180-347372/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	347372

Prep Batch: 347372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	5030C	
MB 180-347372/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 180-347372/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 180-347372/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Analysis Batch: 347601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 8260C	347372

GC/MS Semi VOA

Prep Batch: 347738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	3550C	
MB 180-347738/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 180-347738/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 347894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 8270D	347738
MB 180-347738/1-A	Method Blank	Total/NA	Solid	EPA 8270D	347738
LCS 180-347738/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	347738

Metals

Prep Batch: 347501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	7471B	
MB 180-347501/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-347501/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-117414-1 MS	20210238.1	Total/NA	Solid	7471B	
180-117414-1 MSD	20210238.1	Total/NA	Solid	7471B	

Prep Batch: 347513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	3050B	
MB 180-347513/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 347647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 7471B	347501
MB 180-347501/1-A	Method Blank	Total/NA	Solid	EPA 7471B	347501
LCS 180-347501/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	347501
180-117414-1 MS	20210238.1	Total/NA	Solid	EPA 7471B	347501
180-117414-1 MSD	20210238.1	Total/NA	Solid	EPA 7471B	347501

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Metals

Analysis Batch: 347657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 6010C	347513
MB 180-347513/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347513
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347513

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	2540G	

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice *(Circle One)* Y / N | Sample intact and acceptable for evaluation? *(Circle One)* Y / N

Initials of personnel checking in sample: QM | Sample disposed of by: *(Signature)* | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 TMT/14/

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-1

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-2
Client Project/Site: Carbon Acceptance, 20210238.2

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
2/26/2021 9:40:31 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-2	20210238.2	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Method	Method Description	Protocol	Laboratory
EPA 6010C	Metals (ICP)	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
EPA 7196A	Chromium, Hexavalent	SW846	TAL PIT
3050B	Preparation, Metals	SW846	TAL PIT
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Client Sample ID: 20210238.2
Lab Sample ID: 180-117414-2
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.2
Lab Sample ID: 180-117414-2
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 60.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.20 g	100 mL	347513	02/24/21 10:41	KEM	TAL PIT
Total/NA	Analysis	EPA 6010C		1			347657	02/25/21 09:39	RJG	TAL PIT
	Instrument ID: C									
Total/NA	Prep	3060A			2.52 g	100 mL	347498	02/24/21 12:30	PMH	TAL PIT
Total/NA	Analysis	EPA 7196A		1	25 mL	25 mL	347685	02/25/21 16:02	PMH	TAL PIT
	Instrument ID: GEN10S									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KEM = Kimberly Mahoney

PMH = Paloma Hoelzle

Batch Type: Analysis

KMM = Kendric Moore

PMH = Paloma Hoelzle

RJG = Rob Good

Client Sample Results

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Client Sample ID: 20210238.2

Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-2

Matrix: Solid
Percent Solids: 60.1

Method: EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Arsenic	**4.4**		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Barium	**96**		28		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Beryllium	**1.6**		0.56		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Cadmium	ND		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Calcium	ND		690		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Chromium	**4.8**		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Cobalt	ND		6.9		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Copper	**8.5**		3.5		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Iron	**1900**		14		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Manganese	**9.7**		2.1		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Nickel	**10**		5.6		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Selenium	ND		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Silver	ND		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Thallium	ND		2.8		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Zinc	**3.1**		2.8		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**39.9**		0.1		%			02/24/21 11:24	1
Percent Solids	**60.1**		0.1		%			02/24/21 11:24	1
Hexavalent chromium	ND		0.66		mg/Kg	☼	02/24/21 12:30	02/25/21 16:02	1

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347513/1-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347513

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Arsenic	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Barium	ND		20		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Beryllium	ND		0.40		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Cadmium	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Calcium	ND		500		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Chromium	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Cobalt	ND		5.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Copper	ND		2.5		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Iron	ND		10		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Manganese	ND		1.5		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Nickel	ND		4.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Selenium	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Silver	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Thallium	ND		2.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Zinc	ND		2.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1

Lab Sample ID: LCS 180-347513/2-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347513

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			25.0	22.8		mg/Kg		91	80 - 120		
Arsenic			100	95.8		mg/Kg		96	80 - 120		
Barium			100	97.0		mg/Kg		97	80 - 120		
Beryllium			50.0	49.4		mg/Kg		99	80 - 120		
Cadmium			50.0	48.7		mg/Kg		97	80 - 120		
Calcium			2500	2470		mg/Kg		99	80 - 120		
Chromium			50.0	48.2		mg/Kg		96	80 - 120		
Cobalt			50.0	48.3		mg/Kg		97	80 - 120		
Copper			50.0	48.5		mg/Kg		97	80 - 120		
Iron			500	493		mg/Kg		99	80 - 120		
Manganese			50.0	48.1		mg/Kg		96	80 - 120		
Nickel			50.0	48.6		mg/Kg		97	80 - 120		
Selenium			100	96.6		mg/Kg		97	80 - 120		
Silver			25.0	24.0		mg/Kg		96	80 - 120		
Thallium			100	94.3		mg/Kg		94	80 - 120		
Zinc			25.0	24.2		mg/Kg		97	80 - 120		

Method: EPA 7196A - Chromium, Hexavalent

Lab Sample ID: MB 180-347498/1-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347498

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.40		mg/Kg		02/24/21 12:30	02/25/21 15:20	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Method: EPA 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 180-347498/3-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347498

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	708	651		mg/Kg		92	80 - 120

Lab Sample ID: LCSS 180-347498/2-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347498

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	20.0	17.0		mg/Kg		85	80 - 120

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Metals

Prep Batch: 347513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	3050B	
MB 180-347513/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 347657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	EPA 6010C	347513
MB 180-347513/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347513
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347513

General Chemistry

Prep Batch: 347498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	3060A	
MB 180-347498/1-A	Method Blank	Total/NA	Solid	3060A	
LCSI 180-347498/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 180-347498/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	2540G	

Analysis Batch: 347685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	EPA 7196A	347498
MB 180-347498/1-A	Method Blank	Total/NA	Solid	EPA 7196A	347498
LCSI 180-347498/3-A	Lab Control Sample	Total/NA	Solid	EPA 7196A	347498
LCSS 180-347498/2-A	Lab Control Sample	Total/NA	Solid	EPA 7196A	347498

CALGON CARBON CORPORATION
Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No.
Fax No.
Sampler Signature: [signature]
Special Instructions:
Temp °C:
Ice: Yes / No

Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP			Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X							5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X						5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X					5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X				5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X			5 Days
6																	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
[signature]	2/23/21	9:00	[signature]	2/23/21	9:30	[signature]	2/23/21	1138

Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/23/21	11:38				[signature]	2/23/21	1138

Sample condition upon arrival at laboratory — Temp °C: 2.6 — Received on ice *(Circle One)* Y / N — Sample intact and acceptable for evaluation? *(Circle One)* Y / N

Initials of personnel checking in sample: [initials] — Sample disposed of by: *(Signature)* — Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0 2.6 Tmt1IV

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-2

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-3
Client Project/Site: Carbon Acceptance, 20210238.3

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/1/2021 11:20:56 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-3	20210238.3	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Method	Method Description	Protocol	Laboratory
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
3580A	Waste Dilution	SW846	TAL PIT
3660B	Sulfur Cleanup	SW846	TAL PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid
Percent Solids: 57.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.0 g	40.0 mL	347693	02/25/21 16:45	SNP	TAL PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	347737	02/26/21 08:45	DFE	TAL PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	347739	02/26/21 08:46	DFE	TAL PIT
Total/NA	Analysis	EPA 8082A		1			347702	02/26/21 14:26	DFE	TAL PIT
	Instrument ID: CHGC8									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Cleanup

DFE = David Eppinger

Batch Type: Prep

SNP = Sydney Prugh

Batch Type: Analysis

DFE = David Eppinger

KMM = Kendric Moore

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid
Percent Solids: 57.7

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1221	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1232	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1242	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1248	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1254	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1260	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*59 - 132*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
DCB Decachlorobiphenyl (Surr)	*138*	*S1+*	*59 - 132*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*27 - 105*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
Tetrachloro-m-xylene (Surr)	*66*		*27 - 105*	*02/25/21 16:45*	*02/26/21 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**42.3**		0.1		%			02/24/21 11:24	1
Percent Solids	**57.7**		0.1		%			02/24/21 11:24	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-347693/1-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347693

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1221	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1232	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1242	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1248	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1254	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1260	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*59 - 132*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
DCB Decachlorobiphenyl (Surr)	*119*		*59 - 132*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*27 - 105*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*27 - 105*	*02/25/21 16:45*	*02/26/21 16:17*	*1*

Lab Sample ID: LCS 180-347693/2-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			40000	36300		ug/Kg		91	65 - 126		
Aroclor 1260			40000	41800		ug/Kg		104	59 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*121*		*59 - 132*
DCB Decachlorobiphenyl (Surr)	*121*		*59 - 132*
Tetrachloro-m-xylene (Surr)	*90*		*27 - 105*
Tetrachloro-m-xylene (Surr)	*89*		*27 - 105*

Lab Sample ID: LCSD 180-347693/3-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347693

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			40000	37300		ug/Kg		93	65 - 126	3	15
Aroclor 1260			40000	41500		ug/Kg		104	59 - 128	1	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*124*		*59 - 132*
DCB Decachlorobiphenyl (Surr)	*123*		*59 - 132*
Tetrachloro-m-xylene (Surr)	*92*		*27 - 105*
Tetrachloro-m-xylene (Surr)	*91*		*27 - 105*

QC Association Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

GC Semi VOA

Prep Batch: 347693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3580A	
MB 180-347693/1-A	Method Blank	Total/NA	Solid	3580A	
LCS 180-347693/2-A	Lab Control Sample	Total/NA	Solid	3580A	
LCSD 180-347693/3-A	Lab Control Sample Dup	Total/NA	Solid	3580A	

Analysis Batch: 347702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	EPA 8082A	347739
MB 180-347693/1-A	Method Blank	Total/NA	Solid	EPA 8082A	347693
LCS 180-347693/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	347693
LCSD 180-347693/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8082A	347693

Cleanup Batch: 347737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3665A	347693

Cleanup Batch: 347739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3660B	347737

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	2540G	

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice (Circle One) Y / N | Sample intact and acceptable for evaluation? (Circle One) Y / N

Initials of personnel checking in sample: QM | Sample disposed of by: (Signature) | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thm

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-3

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-4
Client Project/Site: Carbon Acceptance, 20210238.4

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/1/2021 7:43:21 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-4	20210238.4	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Method	Method Description	Protocol	Laboratory
2540G	SM 2540G	SM22	TAL PIT
EPA 9014	Cyanide	SW846	TAL PIT
9010C	Cyanide, Distillation	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 59.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9010C			0.23 g	10 mL	347655	02/25/21 13:17	GRB	TAL PIT
Total/NA	Analysis	EPA 9014		1			347853	02/26/21 17:04	GRB	TAL PIT
	Instrument ID: SEAL2									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

GRB = Gabriel Berghe

Batch Type: Analysis

GRB = Gabriel Berghe

KMM = Kendric Moore

Client Sample Results

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	40.8		0.1		%			02/24/21 11:24	1
Percent Solids	59.2		0.1		%			02/24/21 11:24	1

Client Sample Results

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 59.2

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.73		mg/Kg	☼	02/25/21 13:17	02/26/21 17:04	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-347655/4-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347655

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		02/25/21 13:17	02/26/21 16:55	1

Lab Sample ID: HLCS 180-347655/2-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.250	0.253		mg/Kg		101	90 - 110		

Lab Sample ID: LCS 180-347655/3-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			23.1	20.6		mg/Kg		89	17 - 163		

Lab Sample ID: LLCS 180-347655/1-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.0500	0.0486		mg/Kg		97	90 - 110		

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	2540G	

Prep Batch: 347655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	9010C	
MB 180-347655/4-A	Method Blank	Total/NA	Solid	9010C	
HLCS 180-347655/2-A	Lab Control Sample	Total/NA	Solid	9010C	
LCS 180-347655/3-A	Lab Control Sample	Total/NA	Solid	9010C	
LLCS 180-347655/1-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 347853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	EPA 9014	347655
MB 180-347655/4-A	Method Blank	Total/NA	Solid	EPA 9014	347655
HLCS 180-347655/2-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655
LCS 180-347655/3-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655
LLCS 180-347655/1-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice *(Circle One)* Y / N | Sample intact and acceptable for evaluation? *(Circle One)* Y / N
Initials of personnel checking in sample: QM | Sample disposed of by: *(Signature)* | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thm

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-4

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-5
Client Project/Site: Carbon Acceptance, 20210238.5

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/2/2021 11:12:06 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-5	20210238.5	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
EPA 8081B	Organochlorine Pesticides (GC)	SW846	TAL PIT
EPA 8151A	Herbicides (GC)	SW846	TAL PIT
EPA 6010C	Metals (ICP)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
3010A	Preparation, Total Metals	SW846	TAL PIT
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL PIT
5030C	Purge and Trap	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT
8151A	Extraction (Herbicides)	SW846	TAL PIT
EPA 1311	TCLP Extraction	SW846	TAL PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Client Sample ID: 20210238.5

Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	EPA 1311			25.11 g	500 mL	347529	02/24/21 14:45	GRN	TAL PIT
TCLP	Analysis	EPA 8260C		1	0.125 mL	5 mL	347579	02/25/21 14:09	KLG	TAL PIT
	Instrument ID: CHHP9									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3510C			200 mL	10.0 mL	347667	02/25/21 11:45	SNP	TAL PIT
TCLP	Analysis	EPA 8270D		1	1 mL	1 mL	347703	02/26/21 14:25	JAS	TAL PIT
	Instrument ID: CH722									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3510C			100 mL	40.0 mL	347666	02/25/21 11:45	SNP	TAL PIT
TCLP	Analysis	EPA 8081B		1			347758	02/26/21 19:22	DFE	TAL PIT
	Instrument ID: CHGC15									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	8151A			100 mL	10.0 mL	347669	02/25/21 13:00	SNP	TAL PIT
TCLP	Analysis	EPA 8151A		20			347897	03/01/21 13:16	JMO	TAL PIT
	Instrument ID: CGC1									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3010A			5 mL	50 mL	347674	02/25/21 14:44	TJO	TAL PIT
TCLP	Analysis	EPA 6010C		1			348026	03/01/21 12:12	RJG	TAL PIT
	Instrument ID: C									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	7470A			50 mL	50 mL	347658	02/25/21 13:26	KHM	TAL PIT
TCLP	Analysis	EPA 7470A		1			347773	02/26/21 12:06	KHM	TAL PIT
	Instrument ID: HGZ									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Leach

GRN = Gavin Nicholls

Batch Type: Prep

KHM = Kyle Mucroski
SNP = Sydney Prugh
TJO = Tyler Oliver

Batch Type: Analysis

DFE = David Eppinger
JAS = Jeremy Stundon
JMO = John Oravec
KHM = Kyle Mucroski
KLG = Kathy Gordon
RJG = Rob Good

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Client Sample ID: 20210238.5
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5
Matrix: Solid

Method: EPA 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		mg/L			02/25/21 14:09	1
2-Butanone (MEK)	ND	^c	0.20		mg/L			02/25/21 14:09	1
Carbon tetrachloride	ND		0.20		mg/L			02/25/21 14:09	1
Chlorobenzene	ND		0.20		mg/L			02/25/21 14:09	1
Chloroform	ND		0.20		mg/L			02/25/21 14:09	1
1,2-Dichloroethane	ND		0.20		mg/L			02/25/21 14:09	1
1,1-Dichloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Tetrachloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Trichloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Vinyl chloride	ND		0.20		mg/L			02/25/21 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*49 - 130*		*02/25/21 14:09*	*1*
Dibromofluoromethane (Surr)	*107*		*55 - 134*		*02/25/21 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*44 - 150*		*02/25/21 14:09*	*1*
Toluene-d8 (Surr)	*77*		*61 - 123*		*02/25/21 14:09*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4-Dinitrotoluene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 14:25	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*51 - 105*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 111*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Nitrobenzene-d5 (Surr)	*84*		*47 - 118*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Phenol-d5 (Surr)	*84*	*^c*	*50 - 105*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Terphenyl-d14 (Surr)	*74*		*38 - 119*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*45 - 115*	*02/25/21 11:45*	*02/26/21 14:25*	*1*

Method: EPA 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 19:22	1

Client Sample ID: 20210238.5
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*58 - 115*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*58 - 115*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
Tetrachloro-m-xylene	*90*		*43 - 118*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
Tetrachloro-m-xylene	*99*		*43 - 118*	*02/25/21 11:45*	*02/26/21 19:22*	*1*

Method: EPA 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	^c	0.040	mg/L		02/25/21 13:00	03/01/21 13:16	20
2,4,5-TP (Silvex)	ND	^c	0.010	mg/L		02/25/21 13:00	03/01/21 13:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*91*	*^c*	*48 - 127*	*02/25/21 13:00*	*03/01/21 13:16*	*20*
2,4-Dichlorophenylacetic acid	*105*	*^c*	*48 - 127*	*02/25/21 13:00*	*03/01/21 13:16*	*20*

Method: EPA 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Barium	ND		2.0	mg/L		02/25/21 14:44	03/01/21 12:12	1
Cadmium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Chromium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Lead	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Selenium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Silver	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1

Method: EPA 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/25/21 13:26	02/26/21 12:06	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 180-347579/3
Matrix: Solid
Analysis Batch: 347579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0100	0.0100		mg/L		100	70 - 123
2-Butanone (MEK)	0.0100	0.0136		mg/L		136	24 - 150
Carbon tetrachloride	0.0100	0.0100		mg/L		100	60 - 130
Chlorobenzene	0.0100	0.00964		mg/L		96	76 - 130
Chloroform	0.0100	0.00936		mg/L		94	68 - 120
1,2-Dichloroethane	0.0100	0.00926		mg/L		93	65 - 133
1,1-Dichloroethene	0.0100	0.0102		mg/L		102	55 - 128
Tetrachloroethene	0.0100	0.0103		mg/L		103	56 - 147
Trichloroethene	0.0100	0.00990		mg/L		99	69 - 123
Vinyl chloride	0.0100	0.0105		mg/L		105	42 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*49 - 130*
Dibromofluoromethane (Surr)	*98*		*55 - 134*
1,2-Dichloroethane-d4 (Surr)	*94*		*44 - 150*
Toluene-d8 (Surr)	*89*		*61 - 123*

Lab Sample ID: LB 180-347529/1-A
Matrix: Solid
Analysis Batch: 347579

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.050	mg/L			02/25/21 11:39	1
2-Butanone (MEK)	ND		0.050	mg/L			02/25/21 11:39	1
Carbon tetrachloride	ND		0.050	mg/L			02/25/21 11:39	1
Chlorobenzene	ND		0.050	mg/L			02/25/21 11:39	1
Chloroform	ND		0.050	mg/L			02/25/21 11:39	1
1,2-Dichloroethane	ND		0.050	mg/L			02/25/21 11:39	1
1,1-Dichloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Tetrachloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Trichloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Vinyl chloride	ND		0.050	mg/L			02/25/21 11:39	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*		*49 - 130*		*02/25/21 11:39*	*1*
Dibromofluoromethane (Surr)	*103*		*55 - 134*		*02/25/21 11:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*44 - 150*		*02/25/21 11:39*	*1*
Toluene-d8 (Surr)	*77*		*61 - 123*		*02/25/21 11:39*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-347667/1-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347667

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4-Dinitrotoluene	ND		0.050	mg/L		02/25/21 11:45	02/26/21 06:41	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347667/1-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347667

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 06:41	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*51 - 105*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
2-Fluorophenol (Surr)	*80*		*52 - 111*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Nitrobenzene-d5 (Surr)	*87*		*47 - 118*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Phenol-d5 (Surr)	*90*		*50 - 105*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Terphenyl-d14 (Surr)	*74*		*38 - 119*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*45 - 115*	*02/25/21 11:45*	*02/26/21 06:41*	*1*

Lab Sample ID: LCS 180-347667/2-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347667

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dichlorobenzene			0.250	0.209		mg/L		84	55 - 100		
2,4-Dinitrotoluene			0.250	0.177		mg/L		71	39 - 100		
Hexachlorobenzene			0.250	0.121		mg/L		48	28 - 100		
Hexachlorobutadiene			0.250	0.196		mg/L		78	47 - 122		
Hexachloroethane			0.250	0.219		mg/L		88	53 - 100		
2-Methylphenol			0.250	0.209		mg/L		83	52 - 100		
Methylphenol, 3 & 4			0.500	0.442		mg/L		88	52 - 104		
Nitrobenzene			0.250	0.226		mg/L		90	54 - 101		
Pentachlorophenol			0.250	0.146	J	mg/L		58	19 - 100		
Pyridine			0.250	0.212		mg/L		85	55 - 118		
2,4,5-Trichlorophenol			0.250	0.183		mg/L		73	55 - 104		
2,4,6-Trichlorophenol			0.250	0.188		mg/L		75	52 - 106		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*51 - 105*
2-Fluorophenol (Surr)	*80*		*52 - 111*
Nitrobenzene-d5 (Surr)	*91*		*47 - 118*
Phenol-d5 (Surr)	*90*		*50 - 105*
Terphenyl-d14 (Surr)	*77*		*38 - 119*
2,4,6-Tribromophenol (Surr)	*62*		*45 - 115*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-347667/3-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347667

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.250	0.213		mg/L		85	55 - 100	2	15
2,4-Dinitrotoluene			0.250	0.187		mg/L		75	39 - 100	5	15
Hexachlorobenzene			0.250	0.121		mg/L		48	28 - 100	0	15
Hexachlorobutadiene			0.250	0.190		mg/L		76	47 - 122	3	15
Hexachloroethane			0.250	0.227		mg/L		91	53 - 100	4	15
2-Methylphenol			0.250	0.218		mg/L		87	52 - 100	4	15
Methylphenol, 3 & 4			0.500	0.459		mg/L		92	52 - 104	4	15
Nitrobenzene			0.250	0.221		mg/L		88	54 - 101	2	15
Pentachlorophenol			0.250	0.141	J	mg/L		57	19 - 100	3	18
Pyridine			0.250	0.223		mg/L		89	55 - 118	5	15
2,4,5-Trichlorophenol			0.250	0.191		mg/L		76	55 - 104	4	15
2,4,6-Trichlorophenol			0.250	0.191		mg/L		77	52 - 106	2	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*51 - 105*
2-Fluorophenol (Surr)	*82*		*52 - 111*
Nitrobenzene-d5 (Surr)	*90*		*47 - 118*
Phenol-d5 (Surr)	*95*		*50 - 105*
Terphenyl-d14 (Surr)	*79*		*38 - 119*
2,4,6-Tribromophenol (Surr)	*65*		*45 - 115*

Lab Sample ID: LB 180-347528/1-D
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347667

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4-Dinitrotoluene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 08:31	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*51 - 105*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
2-Fluorophenol (Surr)	*84*		*52 - 111*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Nitrobenzene-d5 (Surr)	*92*		*47 - 118*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Phenol-d5 (Surr)	*95*		*50 - 105*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Terphenyl-d14 (Surr)	*78*		*38 - 119*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*45 - 115*	*02/25/21 11:45*	*02/26/21 08:31*	*1*

Method: EPA 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-347666/1-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347666

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 17:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*58 - 115*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*58 - 115*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
Tetrachloro-m-xylene	*92*		*43 - 118*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
Tetrachloro-m-xylene	*97*		*43 - 118*	*02/25/21 11:45*	*02/26/21 17:18*	*1*

Lab Sample ID: LCS 180-347666/2-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347666

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Endrin			0.0100	0.0103		mg/L		103	37 - 150		
gamma-BHC (Lindane)			0.0100	0.00952		mg/L		95	50 - 137		
Heptachlor			0.0100	0.00995		mg/L		99	49 - 135		
Heptachlor epoxide			0.0100	0.00975		mg/L		97	49 - 133		
Methoxychlor			0.0100	0.0107		mg/L		107	45 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*102*		*58 - 115*
DCB Decachlorobiphenyl (Surr)	*105*		*58 - 115*
Tetrachloro-m-xylene	*92*		*43 - 118*
Tetrachloro-m-xylene	*96*		*43 - 118*

Lab Sample ID: LCSD 180-347666/3-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin			0.0100	0.0105		mg/L		105	37 - 150	2	15
gamma-BHC (Lindane)			0.0100	0.0101		mg/L		101	50 - 137	6	18
Heptachlor			0.0100	0.0103		mg/L		103	49 - 135	4	22
Heptachlor epoxide			0.0100	0.0103		mg/L		103	49 - 133	6	15
Methoxychlor			0.0100	0.0107		mg/L		107	45 - 150	0	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*106*		*58 - 115*
DCB Decachlorobiphenyl (Surr)	*104*		*58 - 115*
Tetrachloro-m-xylene	*96*		*43 - 118*
Tetrachloro-m-xylene	*98*		*43 - 118*

Method: EPA 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 180-347528/1-C
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347666

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 18:05	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*58 - 115*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
DCB Decachlorobiphenyl (Surr)	*112*		*58 - 115*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
Tetrachloro-m-xylene	*102*		*43 - 118*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
Tetrachloro-m-xylene	*106*		*43 - 118*	*02/25/21 11:45*	*02/26/21 18:05*	*1*

Method: EPA 8151A - Herbicides (GC)

Lab Sample ID: MB 180-347669/1-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347669

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.040		mg/L		02/25/21 13:00	03/01/21 09:57	20
2,4,5-TP (Silvex)	ND		0.010		mg/L		02/25/21 13:00	03/01/21 09:57	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*48 - 127*	*02/25/21 13:00*	*03/01/21 09:57*	*20*
2,4-Dichlorophenylacetic acid	*100*		*48 - 127*	*02/25/21 13:00*	*03/01/21 09:57*	*20*

Lab Sample ID: LCS 180-347669/2-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-D			0.200	0.159		mg/L		80	23 - 139		
2,4,5-TP (Silvex)			0.0500	0.0613		mg/L		123	33 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*90*		*48 - 127*
2,4-Dichlorophenylacetic acid	*101*		*48 - 127*

Lab Sample ID: LCSD 180-347669/3-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D			0.200	0.176		mg/L		88	23 - 139	10	35
2,4,5-TP (Silvex)			0.0500	0.0654		mg/L		131	33 - 140	6	35

Method: EPA 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 180-347669/3-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347669

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*97*		*48 - 127*
2,4-Dichlorophenylacetic acid	*111*		*48 - 127*

Lab Sample ID: LB 180-347528/1-E
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347669

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.040		mg/L		02/25/21 13:00	03/01/21 13:41	20
2,4,5-TP (Silvex)	ND		0.010		mg/L		02/25/21 13:00	03/01/21 13:41	20

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*97*		*48 - 127*	*02/25/21 13:00*	*03/01/21 13:41*	*20*
2,4-Dichlorophenylacetic acid	*109*		*48 - 127*	*02/25/21 13:00*	*03/01/21 13:41*	*20*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347674/1-A
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347674

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Barium	ND		0.20		mg/L		02/25/21 14:44	03/01/21 10:45	1
Cadmium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Chromium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Lead	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Selenium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Silver	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1

Lab Sample ID: LCS 180-347674/2-A
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347674

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			1.00	1.02		mg/L		102	80 - 120		
Barium			1.00	1.00		mg/L		100	80 - 120		
Cadmium			0.500	0.514		mg/L		103	80 - 120		
Chromium			0.500	0.500		mg/L		100	80 - 120		
Lead			0.500	0.495		mg/L		99	80 - 120		
Selenium			1.00	1.05		mg/L		105	80 - 120		
Silver			0.250	0.253		mg/L		101	80 - 120		

Lab Sample ID: LB 180-347528/1-F
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347674

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LB 180-347528/1-F
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347674

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		2.0		mg/L		02/25/21 14:44	03/01/21 11:03	1
Cadmium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Chromium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Lead	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Selenium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Silver	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-347658/1-A
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347658

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/25/21 13:26	02/26/21 11:55	1

Lab Sample ID: LCS 180-347658/2-A
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347658

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00250	0.00253		mg/L		101	80 - 120		

Lab Sample ID: LB 180-347528/1-B
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347658

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/25/21 13:26	02/26/21 11:57	1

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

GC/MS VOA

Leach Batch: 347529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347529/1-A	Method Blank	TCLP	Solid	EPA 1311	

Analysis Batch: 347579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8260C	347529
LB 180-347529/1-A	Method Blank	TCLP	Solid	EPA 8260C	347529
LCS 180-347579/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	

GC/MS Semi VOA

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-D	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3510C	347528
LB 180-347528/1-D	Method Blank	TCLP	Solid	3510C	347528
MB 180-347667/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 180-347667/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-347667/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 347703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8270D	347667
LB 180-347528/1-D	Method Blank	TCLP	Solid	EPA 8270D	347667
MB 180-347667/1-A	Method Blank	Total/NA	Solid	EPA 8270D	347667
LCS 180-347667/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	347667
LCSD 180-347667/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8270D	347667

GC Semi VOA

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-C	Method Blank	TCLP	Solid	EPA 1311	
LB 180-347528/1-E	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3510C	347528
LB 180-347528/1-C	Method Blank	TCLP	Solid	3510C	347528
MB 180-347666/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 180-347666/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-347666/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Prep Batch: 347669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	8151A	347528
LB 180-347528/1-E	Method Blank	TCLP	Solid	8151A	347528

GC Semi VOA (Continued)

Prep Batch: 347669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-347669/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 180-347669/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 180-347669/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 347758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8081B	347666
LB 180-347528/1-C	Method Blank	TCLP	Solid	EPA 8081B	347666
MB 180-347666/1-A	Method Blank	Total/NA	Solid	EPA 8081B	347666
LCS 180-347666/2-A	Lab Control Sample	Total/NA	Solid	EPA 8081B	347666
LCSD 180-347666/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8081B	347666

Analysis Batch: 347897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8151A	347669
LB 180-347528/1-E	Method Blank	TCLP	Solid	EPA 8151A	347669
MB 180-347669/1-A	Method Blank	Total/NA	Solid	EPA 8151A	347669
LCS 180-347669/2-A	Lab Control Sample	Total/NA	Solid	EPA 8151A	347669
LCSD 180-347669/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8151A	347669

Metals

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-B	Method Blank	TCLP	Solid	EPA 1311	
LB 180-347528/1-F	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	7470A	347528
LB 180-347528/1-B	Method Blank	TCLP	Solid	7470A	347528
MB 180-347658/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 180-347658/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 347674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3010A	347528
LB 180-347528/1-F	Method Blank	TCLP	Solid	3010A	347528
MB 180-347674/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 180-347674/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 347773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 7470A	347658
LB 180-347528/1-B	Method Blank	TCLP	Solid	EPA 7470A	347658
MB 180-347658/1-A	Method Blank	Total/NA	Solid	EPA 7470A	347658
LCS 180-347658/2-A	Lab Control Sample	Total/NA	Solid	EPA 7470A	347658

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Metals

Analysis Batch: 348026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 6010C	347674
LB 180-347528/1-F	Method Blank	TCLP	Solid	EPA 6010C	347674
MB 180-347674/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347674
LCS 180-347674/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347674

CALGON CARBON CORPORATION

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CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice (Circle One) Y / N | Sample intact and acceptable for evaluation? (Circle One) Y / N
Initials of personnel checking in sample: QM | Sample disposed of by: (Signature) | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thrtlly

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-5

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix B

Calgon Reactivation of Activated Carbon for PFAS Removal

March 12, 2021

Chemours c/o AECOM
Attn: Jon Amsterdam
5 Marine View Plaza
Hoboken, NJ 07030

RE: Carbon Acceptance 6922N
Chemours Fayetteville WWTP

Dear: Mr. Amsterdam:

Calgon Carbon Corporation has evaluated the spent carbon from the above referenced site. Spent carbon in unlined super sacks, as described in the attached documents, has been approved for thermal reactivation at our Catlettsburg, KY facility and may be returned immediately.

Carbon Acceptance Number (CAN) 6922N has been assigned to this reactivation project. Super sacks must be returned on pallets. Each super sack must be labeled with this number and it must be referenced on all paperwork associated with the return of spent carbon (i.e., bill of lading, etc). This number allows Calgon Carbon personnel to identify the carbon as approved for reactivation.

To arrange the return of the spent unit(s), you **must** contact Calgon Carbon Corporation at 1-866-225-4660 to obtain a Return Material Authorization (RMA). Your call will be directed to a Customer Service Expert who will assist you in arranging the return of the spent carbon. You must have the following information ready for the Customer Service Expert:

1. Pick-up Location
2. Contact Name and Telephone Number
3. Number of Pieces/Container Type
4. Carbon Acceptance Number
5. RCRA Status
6. Billing Address for Freight Charges
7. Facility to Which Unit Will Be Returned

The following guidelines **must** be observed when returning sacks to our facility:

1. Each sack should be properly labeled including CAN.

2. Super sacks must be on good (44”x44”) pallets.

Please note that Calgon Carbon will periodically retest your spent activated carbon to assure it remains acceptable for reactivation. Calgon Carbon also reserves the right to reject any and all spent activated carbon if it has been determined to be unsuitable for reactivation, analytical data indicates the spent carbon to no longer be in accordance with the description in the approved Adsorbate Profile Document and analytical test results incorporated herein, or is non-compliant with any Calgon Carbon environmental permits.

I have included a countersigned copy of the Adsorbate Profile Document you completed and a copy of the test results from the carbon acceptance testing. If you have any questions regarding spent carbon returns, contact me at (412) 787-6609 or your Technical Sales Representative.

Sincerely,

Ron A. Osborn
Carbon Acceptance Specialist

CalgonCarbon
A Kuraray Company

ADSORBATE PROFILE DOCUMENT (APD)

This form must be completed **entirely** to prevent delay in the carbon acceptance process. Ship completed paperwork and representative spent carbon sample to: **Calgon Carbon Corporation** **Attention: Carbon Acceptance Department** **3000 GSK Drive** **Moon Township, PA 15108** **To obtain a sample kit, please call 800-422-7266.**	Include the ***Certification of Generator Form*** for spent carbons deemed RCRA-hazardous. All samples **must** include a ***Chain of Custody Record*** and secure the shipping package with the ***Chain of Custody Record*** seal. It is the responsibility of the generator to make a hazardous waste determination as defined in 40 CFR 262.11. If you have specific questions on these subjects or if you need assistance completing this document, email: carbonacceptance@kuraray.com or call 800-422-7266 and ask for the Carbon Acceptance Department.

Section 1 – Generator Information

Company Name	Chemours c/o AECOM	Facility Name	Chemours Fayetteville WWTP
Mailing Address	4051 Ogletown Road, Suite 300	Facility Address	1248 Bill Hall Road
City, State, Zip	Newark, DE 19713	Facility City, State, Zip	Fayetteville, NC 28306
Technical Contact	Jon Amsterdam	Technical Contact Title	Waste Specialist
Technical Contact Telephone #	302-530-3793	Technical Contact E-Mail Address	jon.amsterdam@aecom.com
Technical Contact Fax #		Technical Contact Cell #	302-530-3793

If APD is for recertification of an existing profile, please provide the Carbon Acceptance Number (CAN):	
Calgon Carbon Technical Sales Representative	Mark Joseph

Section 2 – Billing Information

Please refer to the *Testing Fee Schedule* to determine the total cost for a new carbon acceptance project or recertification testing of an existing approval. Provide a purchase order number for this amount. This information is required in order for testing to begin.

Enter Purchase Order Number for Acceptance Testing: 9901080215		**PO Amount:**	
Bill to Name	Chemours Accounts Payable	Attention	Accounts Payable
Address		Telephone/Cell #	844-350-0520
City, State, Zip		Email	us-payables.helpdesk@chemours.com

Section 3 – Notice to RCRA Manifested Spent Carbon Generators

As a requirement of 40 CFR 264.12(b), Calgon Carbon Corporation is required to notify hazardous waste generators that its facilities have the proper permits in place to accept hazardous spent carbon. The facilities covered under this notification are:

Facility	EPA ID Number
Catlettsburg, KY	KYD005009923
Neville Island, PA	PAD000736942

Section 4 – Regulatory Profile

Carbon Sampling Information	
4.1. Was the sampling method used to obtain a representative sample of the spent carbon collected according to 40 CFR Part 261 – Appendix I, or by using an equivalent method including those provided by Calgon Carbon? Briefly describe method used to obtain sample: Carbon acceptance test Kit	☒ YES
4.2 Type of Sample: ☒ **Composite Sample** ☐ **Grab Sample** ☐ **Carbon Acceptance Canister Sample** **Date Sample Collected:** 02/08/2012	
Waste Characterization Information	
4.3 As a waste generator, you must determine the waste classification according to 40 CFR Part 262.11 to ensure it is properly managed. Has this determination been performed on the spent carbon?	☒ YES
4.4 Is the spent carbon a RCRA hazardous waste as defined in 40 CFR Part 261?	☐ YES ☒ NO
If "YES", list EPA waste code(s):	
If "YES", list Facility EPA ID#:	
4.5 Is the spent carbon a hazardous waste in the facility's state or province?	☐ YES ☒ NO
If "YES", list state or provincial waste code(s):	
If "YES", list Facility State ID#:	
4.6 Has the Toxicity Characteristic Leaching Procedure (TCLP) been performed on the spent carbon sample? Calgon will test carbon for waste determination.	☒ YES ☐ NO
4.7 If "YES", attach complete analytical report. For PA reactivation, enter PA Laboratory Registration Number here: _____ If "NO", provide **a detailed explanation** (attach any additional documentation) supporting use of generator process knowledge in lieu of actual chemical analysis: The seep water has previously analyzed detections of metals (Mercury), PFAS, and radionuclides.	
4.8 Will there be any free liquids present in the spent activated carbon that will have a flash point <140° F (i.e. ignitable) upon arrival at the reactivation facility? If "YES", please explain:	☐ YES ☒ NO
Additional Regulatory Information	
4.9 Does the spent carbon contain benzene subject to the Benzene Waste Operations NESHAP control requirements (40 CFR Part 61 Subpart FF)?	☐ YES ☒ NO
4.10 Is the carbon treating a stream which is subject to the Hazardous Organic NESHAP (HON) Standard (40 CFR Part 63)?	☐ YES ☒ NO
4.11 Is the spent carbon generated at a SUPERFUND (CERCLA) Site?	☐ YES ☒ NO
4.12 Does the spent carbon contain substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372? If "YES", list substances:	☐ YES ☒ NO
4.13 Is the spent carbon known to have radioactive characteristics? If "YES", please explain:	☐ YES ☒ NO
4.14 Does the spent carbon have the potential to possess radioactive characteristics based on radioactivity in the treated application? If "YES", please explain: Groundwater previously detected concentrations of Gross Alpha, Gross Beta, Radium-226, and Radium-228.	☒ YES ☐ NO
4.15 Check the appropriate DOT shipping name for the spent carbon: ☒ Not Regulated ☐ Other _____ ☐ NA3077, Hazardous Waste, Solid, N.O.S., 9, III, (list waste codes) _____ ☐ RQ, NA3077,Hazardous Waste, Solid, N.O.S., 9, III, (list waste codes) _____ ☐ UN3077, Environmentally Hazardous Substance Solid, N.O.S., 9, III _____ ☐ RQ, UN3077, Environmentally Hazardous Substance Solid, N.O.S., 9, III _____ DOT shipping name will be confirmed after analytical completed.	

Section 5 – Carbon Identification and Return Information

5.1 Calgon Carbon Product?	☒ YES ☐ NO	If "YES", enter product name here: F400	If "NO", indicate product type: ☐ Coal Base ☐ Coconut Base ☐ Other _____
If "NO", will future shipments be Calgon Carbon Product?			☐ YES ☐ NO
5.2 Carbon Type: ☒ Granular ☐ Pellet ☐ Granular/Pellet Mix			
5.3 Is the spent carbon free flowing and/or able to be readily transferred from the carbon adsorber/equipment? (i.e. spent carbon particles must not be conglomerated.)	☒ YES ☐ NO	If "NO", describe:	
5.4 Will the spent carbon contain any filter media such as silt, sand, gravel or other foreign material/debris?	☐ YES ☒ NO	If "YES", describe:	

5.5 Adsorption Equipment by:	☐ Calgon Carbon ☐ Customer ☒ Other Cast in place vessel
5.6 Shipment Volume (lbs):	9,000
5.7 Return Frequency:	0.5 Times per Week, Month Year (Circle frequency); or every ____ years; or _____ One Time Only

5.8 Containment Mode for Transporting Spent Carbon to Reactivation Facility: (Check one) * Requires prior approval	☐ Bulk/DumpTruck	☐ 1800 lb. Vapor Pac	☐ 2000 lb. Cyclesorb
	☐ Calgon Bins	☐ Vapor Pac 10	☐ 1000 lb. Cyclesorb
	☒ Super Sack	☐ Vapor Pac 5	☐ Flowsorb
	☐ 55 gal. metal drum	☐ Ventsorb	☐ Mobile Adsorber
	☐ Roll-off box*	☐ Indoor Air Quality (IAQ) Panels	
	☐ Other* (Describe): _____		

Section 6 – Stream Profile

6.1 Select Type of Stream (Check only one)			
Liquid Phase Treatment		**Vapor Phase Treatment**	
☐ Spill Clean-up	☐ Potable Water – GW	☐ Air Stripper	☐ Tank Vent
☐ Industrial Process	☐ Industrial Wastewater	☐ Industrial Process Vapor	☐ Industrial WW Vapor
☐ Food-Grade Process	☐ Groundwater	☐ Food-Grade Process	☐ Soil Extraction
☐ Potable Water – Surface	☒ Other – Describe below	☐ Solvent Recovery	☐ Other – Describe below
Other liquid treatment description: Surface water (groundwater source)		Other vapor treatment description:	

6.2 Stream Components - List the possible adsorbed compounds in the stream:

PFAS, Mercury, radionuclides, fecal coliform

6.3 Provide a detailed description of the process that generates the spent carbon:

Gravity flow through cell installed within streambed

Section 7 – Environmental Audit of Reactivation Facilities

7.1 Will it be necessary for you to perform an environmental audit of the reactivation facilities prior to the return of spent carbon? If an audit is requested you will be contacted to make arrangements.	☐ YES ☒ NO

Section 8 – Safety and Chemical Profile (Attach relevant analyses, toxicological studies, safety data sheets (SDS), etc.)

Does the spent carbon contain any of the following compounds or conditions? If "YES", describe.

	Check One	Describe
8.1 OSHA Regulated Carcinogens (per 29 CFR §1910.1003)	☐ YES ☒ NO	
8.2 Halogenated Organics (Cl, F, Br, I compounds)	☒ YES ☐ NO	F from PFAS compounds
8.3 Sulfur-Containing Compounds	☐ YES ☒ NO	
8.4 Highly Toxic Compounds	☐ YES ☒ NO	
8.5 Biological or Disease-Causing Agents	☐ YES ☒ NO	
8.6 Explosive Compounds (Self-Igniting/Shock Sensitive Material)	☐ YES ☒ NO	
8.7 Odorous Compounds	☐ YES ☒ NO	
8.8 1,2-Dibromo-3-chloropropane (DBCP)	☐ YES ☒ NO	
8.9 Oxidizers as defined in 40 CFR 261.21(a)	☐ YES ☒ NO	
8.10 Metals (As, Ba, Cd, Cr,Cr^{+6}, Pb, Hg, Se, Cu, Mn, Ni, Zn)	☒ YES ☐ NO	Ba, Mn, Hg, NI, Zn

For the following conditions, if answered "YES", attach representative analytical report from an accredited laboratory or select the appropriate analyses on the *Testing Fee Schedule* and indicate on the sample *Chain of Custody* Form.

8.11 TCLP Regulatory Compounds (SW846 1311)	☐ YES ☒ NO	
8.12 Pesticides/Herbicides (SW846 8082)	☐ YES ☒ NO	
8.13 Total Cyanide (SW846 9012)	☐ YES ☒ NO	
8.14 Total Sulfide (SW846 9030)	☐ YES ☒ NO	
8.15 Polychlorinated Biphenyls (PCBs) (SW846 8082)	☐ YES ☒ NO	
8.16 Dioxins/Furans (SW846 8280)	☐ YES ☒ NO	

8.17 Are there any unique safe handling requirements necessary for processing the spent carbon? If "YES", describe:

8.18 If the spent carbon contains proprietary chemicals, list any acute or chronic hazards associated with or alleged to be associated with human contact or exposure to the material.

Section 9 – Generator Certification

9.1 I, the Generator and/or Authorized Agent, certify this **Adsorbate Profile Document** and all the attachments contain true and accurate descriptions of the spent carbon. All of the relevant information within the possession of the Generator regarding known or suspected hazards has been disclosed to Calgon Carbon Corporation. I, the Generator and/or Authorized Agent, acknowledge that Calgon Carbon Corporation must rely on the Ge nerator certification of all chemical and physical characteristics of hazardous substances managed or processed by Calgon Carbon Corporation.

I acknowledge that any changes in character or adsorbate loading, which deviate from this profile, may warrant completion of a new profile document, representative sample and/or a new approval number. Calgon Carbon Corporation reserves the right to rescind any spent carbon returns, which significantly differ from the approved profile.

Name Jon Amsterdam Title Waste Specialist

Signature On Behalf of Chemours Date 2/12/2021

Section 10 – Confidentiality (to be completed by Calgon Carbon authorized personnel)

10.1 Calgon Carbon Corporation, as a consideration of the customer's release of the above information and any Calgon subsequent data provided, agrees to treat such information as confidential property and will not disclose such information to others except as required by law and facility operating permits.

Name Ron A. Osborn Title Carbon Acceptance Team Leader

Signature _____ Date March 12, 2021

Carbon Acceptance Number 6922N Profile Renewal Date 2/12/2026

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A Kuraray Company

Testing Fee Schedule

Standard Carbon Acceptance Testing (must select one)		
Selection must match waste characterization on page 2 of the APD	√	**Fee**
Non-Hazardous Reactivation Testing Fee (Vapor Phase)	☐	$800.00
Non-Hazardous Reactivation Testing Fee (Liquid Phase)	☒	$1,000.00
RCRA Hazardous Reactivation Testing Fee (Vapor Phase)	☐	$1,000.00
RCRA Hazardous Reactivation Testing Fee (Liquid Phase)	☐	$1,200.00
Total Standard Testing Fee		$ 1,000.00
Each project is tested for a standard list of volatile (SW846 8260) and semivolatile (SW846 8270) organic compounds, 1,2-Dibromo-3-chloropropane (SW846 8260), lead (SW846 6010) and mercury (SW846 7471).		
All liquid phase treatment projects are tested for a specific list of metals.		
SW846 6010 Total Metals (Ba,Be,Hg)	X	$200

Additional Testing Services **If answered "YES" in Section 8 of the APD, then a recent analytical report must be provided for Carbon Acceptance review to be completed; or you may check the appropriate selection below and have the testing performed by Calgon Carbon.**	√	**Fee**
Dioxins/Furans (SW846 8280)	☐	$1,260.00
Polychlorinated Biphenyls (PCB) (SW846 8082)	☒	$150.00
Total Sulfide (SW846 9030)	☐	$50.00
Total Cyanide (SW846 9012)	☒	$50.00
TCLP Volatiles (SW846 1311 & 8260)	☒	$260.00
TCLP Semi-Volatiles (SW846 1311 & 8270)	☒	$450.00
TCLP Metals (SW846 1311 6010 & 7470)	☒	$200.00
TCLP Pesticide/Herbicide (SW846 1311 & 8081)	☒	$520.00
PFOA Testing	☐	$500.00
Subtotal of Additional Testing Services		$ 1,830.00
Total Testing Fee = Total Standard Testing Fee + Subtotal of Additional Testing Services		$ 2,830.00
Please note that the standard project turnaround time is 2-3 weeks . If a project requires expedited processing or additional analyes not listed above please contact your Technical Services Representative or a member of the Carbon Acceptance Department by calling 800-422-7266.		
All samples must be shipped in 2-8 ounce glass sample bottle(s) with PTFE lined lids and 1- plastic quart sample bottle with a PTFE lined lid. Samples must be shipped in a sample cooler that is filled with sufficient ice to maintain a sample temperature of to 2-6 ◦C. If needed, these items can be ordered by calling 866-225-4660.		

Carbon Acceptance Test Report

3000 GSK Dr., Moon, PA 15108 (412) 787-6700
PA Laboratory Identification Number 02-04675

TSR Number: 20210238

Customer: Chemours

City, State: Fayetteville, NC

QA Officer

Carbon Acceptance Manager: Rene Kotyk
Applications Engineer:
Sales Person: Mark Joesph

Container: Plastic Bottle - Quart

Platform:

Sent to Testing: 02/22/2021
Completed: 03/01/2021

Total Samples: 1

Tests	Test Method	Results			Units	Analyst
Sample Numbers:		**CA - 13443 - 1**				
AD/Air	RTM-12	0.695	-	-	g/cc	Ford
Contact pH	Modified SW-846 9045D	5.7	-	-	-	Ford
Cyanide, Total	SW-846 - Method 9012A	Attached	-	-	mg/kg	Test America
Dean-Stark Moisture	RTM-14	11	-	-	%	Ford
Full TCLP	SW-846	Attached	-	-	-	Test America
ICP Metals	SW 846 - Method 6010	Attached	-	-	mg/kg	Test America
Ignitability	RTM-10	Pass	-	-	-	Ford
Loading Calculation	Calculation	12	-	-	%	Ford
Nature of Spent Carbon	Physical Description	Wet,GAC,NoOdor	-	-	-	Ford
PFAS Testing	-	-	-	-	-	Ford
Radiation Screen	CCC Test Protocol,	Pass	-	-	cpm	Ford
Radiation Testing	RTM-16	Pass (20.6cpm)	-	-	-	Test America
Spent	SW-846/ASTM Methods	Attached	-	-	%	Ford
Total Bromide	RTM-08B	BDL	-	-	%	Ford
Total Chloride	RTM-08B	0.1	-	-	%	Ford
Total Fluoride	RTM-08B	<0.1	-	-	ug/kg	Test America
Total PCBs	SW-846 - Method 8080	Attached	-	-	%	Ford
Total Sulfur	RTM-08B	0.6	-	-	-	Ford
Water Reaction	Observation	Normal	-	-		

Particle Size Distribution:

Samples:

CA - 13443 - 1 2021 Spent

Comments:

CA - 13443 - 1 20210238.4
CA - 13443 - 1 20210238.5
CA - 13443 - 1 20210238.2
CA - 13443 - 1 20210238.1
CA - 13443 - 1 20210238.3

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-1
Client Project/Site: Carbon Acceptance, 20210238.1

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/2/2021 11:30:32 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-1
Project/Site: Carbon Acceptance, 20210238.1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^c	CCV Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
FL	MS and/or MSD recovery below control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-1
Project/Site: Carbon Acceptance, 20210238.1

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-1	20210238.1	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
EPA 6010C	Metals (ICP)	SW846	TAL PIT
EPA 7471B	Mercury (CVAA)	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
3050B	Preparation, Metals	SW846	TAL PIT
3550C	Ultrasonic Extraction	SW846	TAL PIT
5030C	Purge and Trap	SW846	TAL PIT
7471B	Preparation, Mercury	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.0629 g	10 mL	347372	02/23/21 18:00	PJJ	TAL PIT
Total/NA	Analysis	EPA 8260C		1	0.1 mL	5 mL	347601	02/25/21 12:26	PJJ	TAL PIT
	Instrument ID: CHHP4									
Total/NA	Prep	3550C			2.0 g	20 mL	347738	02/26/21 08:46	B1B	TAL PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	347894	03/01/21 17:53	JAS	TAL PIT
	Instrument ID: CH722									
Total/NA	Prep	3050B			1.15 g	100 mL	347513	02/24/21 10:41	KEM	TAL PIT
Total/NA	Analysis	EPA 6010C		1			347657	02/25/21 09:36	RJG	TAL PIT
	Instrument ID: C									
Total/NA	Prep	7471B			0.70 g	100 mL	347501	02/24/21 09:14	MM1	TAL PIT
Total/NA	Analysis	EPA 7471B		1			347647	02/25/21 11:59	KHM	TAL PIT
	Instrument ID: HGY									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

B1B = Bella Ballin
KEM = Kimberly Mahoney
MM1 = Mary Beth Miller
PJJ = Patrick Journet

Batch Type: Analysis

JAS = Jeremy Stundon
KHM = Kyle Mucroski
KMM = Kendric Moore
PJJ = Patrick Journet
RJG = Rob Good

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4900		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Benzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromodichloromethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromoform	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Bromomethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
2-Butanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Carbon disulfide	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Carbon tetrachloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chlorobenzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloroform	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Chloromethane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
cis-1,3-Dichloropropene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Dibromochloromethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dibromo-3-Chloropropane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1-Dichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1-Dichloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloroethene, Total	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,2-Dichloropropane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Ethylbenzene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
2-Hexanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Methylene Chloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
4-Methyl-2-pentanone	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Styrene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,2,2-Tetrachloroethane	ND	^c	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Tetrachloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Toluene	ND	*-	1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
trans-1,3-Dichloropropene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,1-Trichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
1,1,2-Trichloroethane	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Trichloroethene	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Vinyl chloride	ND		1200		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1
Xylenes, Total	ND		2400		ug/Kg	☼	02/23/21 18:00	02/25/21 12:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*02/23/21 18:00*	*02/25/21 12:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*66 - 118*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
Dibromofluoromethane (Surr)	*82*		*61 - 116*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 129*	*02/23/21 18:00*	*02/25/21 12:26*	*1*
Toluene-d8 (Surr)	*110*		*62 - 115*	*02/23/21 18:00*	*02/25/21 12:26*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Acenaphthylene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[a]anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[b]fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[g,h,i]perylene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Benzo[k]fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-chloroethoxy)methane	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-chloroethyl)ether	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Bis(2-ethylhexyl) phthalate	ND		34000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Bromophenyl phenyl ether	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Butyl benzyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Carbazole	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chloroaniline	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chloro-3-methylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Chloronaphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Chlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Chlorophenyl phenyl ether	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Chrysene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dibenz(a,h)anthracene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dibenzofuran	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,2-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,3-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,4-Dichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
3,3'-Dichlorobenzidine	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dichlorophenol	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Diethyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dimethylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Dimethyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Di-n-butyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4,6-Dinitro-2-methylphenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dinitrophenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4-Dinitrotoluene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,6-Dinitrotoluene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Di-n-octyl phthalate	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Fluoranthene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Fluorene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorobenzene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorobutadiene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachlorocyclopentadiene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Hexachloroethane	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Indeno[1,2,3-cd]pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Isophorone	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Methylnaphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Methylphenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Methylphenol, 3 & 4	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Naphthalene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
3-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
4-Nitroaniline	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Nitrobenzene	ND		34000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2-Nitrophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Client Sample ID: 20210238.1
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-1
Matrix: Solid
Percent Solids: 59.0

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		85000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
N-Nitrosodi-n-propylamine	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
N-Nitrosodiphenylamine	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,2'-oxybis[1-chloropropane]	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Pentachlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Phenanthrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Phenol	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
Pyrene	ND		3400		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
1,2,4-Trichlorobenzene	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4,5-Trichlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1
2,4,6-Trichlorophenol	ND		17000		ug/Kg	☼	02/26/21 08:46	03/01/21 17:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*02/26/21 08:46*	*03/01/21 17:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*48*		*35 - 105*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
2-Fluorophenol	*14*	*S1-*	*39 - 103*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Nitrobenzene-d5	*47*		*25 - 104*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Phenol-d5	*3*	*S1-*	*25 - 105*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
Terphenyl-d14	*17*	*S1-*	*25 - 127*	*02/26/21 08:46*	*03/01/21 17:53*	*1*
2,4,6-Tribromophenol	*0.9*	*S1-*	*35 - 124*	*02/26/21 08:46*	*03/01/21 17:53*	*1*

Method: EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg	☼	02/24/21 10:41	02/25/21 09:36	1

Method: EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	FL	0.048		mg/Kg	☼	02/24/21 09:14	02/25/21 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**41.0**		0.1		%			02/24/21 11:24	1
Percent Solids	**59.0**		0.1		%			02/24/21 11:24	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-347372/1-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347372

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2500		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Benzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromodichloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromoform	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Bromomethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
2-Butanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Carbon disulfide	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Carbon tetrachloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chlorobenzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloroform	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Chloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
cis-1,3-Dichloropropene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Dibromochloromethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dibromo-3-Chloropropane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1-Dichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1-Dichloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloroethene, Total	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,2-Dichloropropane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Ethylbenzene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
2-Hexanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Methylene Chloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
4-Methyl-2-pentanone	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Styrene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,2,2-Tetrachloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Tetrachloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Toluene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
trans-1,3-Dichloropropene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,1-Trichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
1,1,2-Trichloroethane	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Trichloroethene	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Vinyl chloride	ND		630		ug/Kg		02/23/21 07:04	02/23/21 11:52	1
Xylenes, Total	ND		1300		ug/Kg		02/23/21 07:04	02/23/21 11:52	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*02/23/21 07:04*	*02/23/21 11:52*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*66 - 118*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
Dibromofluoromethane (Surr)	*96*		*61 - 116*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*58 - 129*	*02/23/21 07:04*	*02/23/21 11:52*	*1*
Toluene-d8 (Surr)	*85*		*62 - 115*	*02/23/21 07:04*	*02/23/21 11:52*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-347372/2-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			6250	5530		ug/Kg		88	77 - 117		
Chlorobenzene			6250	6120		ug/Kg		98	84 - 124		
1,1-Dichloroethene			6250	4260		ug/Kg		68	58 - 127		
Toluene			6250	5010	*-	ug/Kg		80	83 - 123		
Trichloroethene			6250	5780		ug/Kg		93	71 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*66 - 118*
Dibromofluoromethane (Surr)	*100*		*61 - 116*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 129*
Toluene-d8 (Surr)	*80*		*62 - 115*

Lab Sample ID: LCSD 180-347372/3-A
Matrix: Solid
Analysis Batch: 347331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			6250	4940		ug/Kg		79	77 - 117	11	20
Chlorobenzene			6250	5970		ug/Kg		96	84 - 124	2	20
1,1-Dichloroethene			6250	3920		ug/Kg		63	58 - 127	8	24
Toluene			6250	5240		ug/Kg		84	83 - 123	4	21
Trichloroethene			6250	5170		ug/Kg		83	71 - 124	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*66 - 118*
Dibromofluoromethane (Surr)	*93*		*61 - 116*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 129*
Toluene-d8 (Surr)	*88*		*62 - 115*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Acenaphthylene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[a]anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[a]pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[b]fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[g,h,i]perylene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Benzo[k]fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-chloroethoxy)methane	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-chloroethyl)ether	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Bis(2-ethylhexyl) phthalate	ND		20000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Bromophenyl phenyl ether	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Carbazole	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chloroaniline	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chloro-3-methylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Chloronaphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Chlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Chlorophenyl phenyl ether	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Chrysene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dibenz(a,h)anthracene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dibenzofuran	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,2-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,3-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
1,4-Dichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
3,3'-Dichlorobenzidine	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dichlorophenol	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Diethyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dimethylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Dimethyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Di-n-butyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4,6-Dinitro-2-methylphenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dinitrophenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4-Dinitrotoluene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,6-Dinitrotoluene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Di-n-octyl phthalate	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Fluoranthene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Fluorene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorobenzene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorobutadiene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachlorocyclopentadiene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Hexachloroethane	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Indeno[1,2,3-cd]pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Isophorone	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Methylnaphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Methylphenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Methylphenol, 3 & 4	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Naphthalene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
3-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Nitroaniline	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Nitrobenzene	ND		20000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2-Nitrophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
4-Nitrophenol	ND		50000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
N-Nitrosodi-n-propylamine	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
N-Nitrosodiphenylamine	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,2'-oxybis[1-chloropropane]	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Pentachlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Phenanthrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Phenol	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
Pyrene	ND		2000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347738/1-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347738

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4,5-Trichlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1
2,4,6-Trichlorophenol	ND		10000		ug/Kg		02/26/21 08:46	03/01/21 09:57	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*02/26/21 08:46*	*03/01/21 09:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*35 - 105*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
2-Fluorophenol	*77*		*39 - 103*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Nitrobenzene-d5	*83*		*25 - 104*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Phenol-d5	*86*		*25 - 105*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
Terphenyl-d14	*78*		*25 - 127*	*02/26/21 08:46*	*03/01/21 09:57*	*1*
2,4,6-Tribromophenol	*61*		*35 - 124*	*02/26/21 08:46*	*03/01/21 09:57*	*1*

Lab Sample ID: LCS 180-347738/2-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100000	67900		ug/Kg		68	47 - 104
Acenaphthylene	100000	66300		ug/Kg		66	49 - 114
Anthracene	100000	76400		ug/Kg		76	45 - 112
Benzo[a]anthracene	100000	75900		ug/Kg		76	47 - 110
Benzo[a]pyrene	100000	75400		ug/Kg		75	40 - 112
Benzo[b]fluoranthene	100000	73600		ug/Kg		74	41 - 107
Benzo[g,h,i]perylene	100000	74100		ug/Kg		74	38 - 126
Benzo[k]fluoranthene	100000	77200		ug/Kg		77	40 - 115
Bis(2-chloroethoxy)methane	100000	76800		ug/Kg		77	38 - 105
Bis(2-chloroethyl)ether	100000	78200		ug/Kg		78	35 - 106
Bis(2-ethylhexyl) phthalate	100000	76000		ug/Kg		76	40 - 117
4-Bromophenyl phenyl ether	100000	72900		ug/Kg		73	47 - 110
Butyl benzyl phthalate	100000	74500		ug/Kg		74	35 - 118
Carbazole	100000	77900		ug/Kg		78	45 - 114
4-Chloroaniline	100000	71200		ug/Kg		71	25 - 108
4-Chloro-3-methylphenol	100000	77400		ug/Kg		77	40 - 109
2-Chloronaphthalene	100000	73100		ug/Kg		73	46 - 101
2-Chlorophenol	100000	76200		ug/Kg		76	40 - 101
4-Chlorophenyl phenyl ether	100000	73300		ug/Kg		73	47 - 109
Chrysene	100000	76300		ug/Kg		76	46 - 111
Dibenz(a,h)anthracene	100000	79100		ug/Kg		79	39 - 127
Dibenzofuran	100000	72100		ug/Kg		72	46 - 104
1,2-Dichlorobenzene	100000	75000		ug/Kg		75	36 - 101
1,3-Dichlorobenzene	100000	74700		ug/Kg		75	35 - 101
1,4-Dichlorobenzene	100000	75400		ug/Kg		75	36 - 101
3,3'-Dichlorobenzidine	100000	71500		ug/Kg		72	25 - 122
2,4-Dichlorophenol	100000	75300		ug/Kg		75	47 - 105
Diethyl phthalate	100000	70400		ug/Kg		70	47 - 115

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-347738/2-A
Matrix: Solid
Analysis Batch: 347894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	100000	75200		ug/Kg		75	44 - 105
Dimethyl phthalate	100000	72600		ug/Kg		73	49 - 111
Di-n-butyl phthalate	100000	76100		ug/Kg		76	43 - 121
4,6-Dinitro-2-methylphenol	200000	121000		ug/Kg		60	24 - 134
2,4-Dinitrophenol	200000	67000		ug/Kg		33	10 - 146
2,4-Dinitrotoluene	100000	77400		ug/Kg		77	45 - 124
2,6-Dinitrotoluene	100000	76600		ug/Kg		77	40 - 122
Di-n-octyl phthalate	100000	70500		ug/Kg		71	33 - 129
Fluoranthene	100000	75700		ug/Kg		76	40 - 120
Fluorene	100000	72300		ug/Kg		72	46 - 109
Hexachlorobenzene	100000	64900		ug/Kg		65	47 - 108
Hexachlorobutadiene	100000	68700		ug/Kg		69	43 - 107
Hexachlorocyclopentadiene	100000	58900		ug/Kg		59	23 - 129
Hexachloroethane	100000	79300		ug/Kg		79	35 - 104
Indeno[1,2,3-cd]pyrene	100000	76200		ug/Kg		76	41 - 125
Isophorone	100000	75500		ug/Kg		75	40 - 110
2-Methylnaphthalene	100000	74500		ug/Kg		74	45 - 100
2-Methylphenol	100000	79100		ug/Kg		79	40 - 104
Methylphenol, 3 & 4	100000	82200		ug/Kg		82	40 - 114
Naphthalene	100000	70000		ug/Kg		70	38 - 105
2-Nitroaniline	100000	76300		ug/Kg		76	45 - 117
3-Nitroaniline	100000	70600		ug/Kg		71	34 - 122
4-Nitroaniline	100000	75900		ug/Kg		76	38 - 123
Nitrobenzene	100000	77600		ug/Kg		78	33 - 109
2-Nitrophenol	100000	76600		ug/Kg		77	40 - 106
4-Nitrophenol	200000	146000		ug/Kg		73	36 - 127
N-Nitrosodi-n-propylamine	100000	85400		ug/Kg		85	42 - 107
N-Nitrosodiphenylamine	100000	75700		ug/Kg		76	44 - 111
2,2'-oxybis[1-chloropropane]	100000	65500		ug/Kg		65	31 - 111
Pentachlorophenol	200000	129000		ug/Kg		65	17 - 122
Phenanthrene	100000	75300		ug/Kg		75	43 - 108
Phenol	100000	78500		ug/Kg		78	41 - 102
Pyrene	100000	77600		ug/Kg		78	41 - 115
1,2,4-Trichlorobenzene	100000	73600		ug/Kg		74	43 - 100
2,4,5-Trichlorophenol	100000	74100		ug/Kg		74	42 - 112
2,4,6-Trichlorophenol	100000	74500		ug/Kg		75	45 - 106

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*35 - 105*
2-Fluorophenol	*73*		*39 - 103*
Nitrobenzene-d5	*80*		*25 - 104*
Phenol-d5	*81*		*25 - 105*
Terphenyl-d14	*76*		*25 - 127*
2,4,6-Tribromophenol	*65*		*35 - 124*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347513/1-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347513

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1

Lab Sample ID: LCS 180-347513/2-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347513

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	47.3		mg/Kg		95	80 - 120		

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-347501/1-A
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347501

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033		mg/Kg		02/24/21 09:14	02/25/21 11:57	1

Lab Sample ID: LCS 180-347501/2-A
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347501

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.417	0.355		mg/Kg		85	80 - 120		

Lab Sample ID: 180-117414-1 MS
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: 20210238.1
Prep Type: Total/NA
Prep Batch: 347501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND	FL	0.242	ND	FL	mg/Kg	☼	16	80 - 120		

Lab Sample ID: 180-117414-1 MSD
Matrix: Solid
Analysis Batch: 347647

Client Sample ID: 20210238.1
Prep Type: Total/NA
Prep Batch: 347501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	FL	0.229	0.0460	FL	mg/Kg	☼	20	80 - 120	20	20

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

GC/MS VOA

Analysis Batch: 347331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-347372/1-A	Method Blank	Total/NA	Solid	EPA 8260C	347372
LCS 180-347372/2-A	Lab Control Sample	Total/NA	Solid	EPA 8260C	347372
LCSD 180-347372/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	347372

Prep Batch: 347372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	5030C	
MB 180-347372/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 180-347372/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 180-347372/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Analysis Batch: 347601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 8260C	347372

GC/MS Semi VOA

Prep Batch: 347738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	3550C	
MB 180-347738/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 180-347738/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 347894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 8270D	347738
MB 180-347738/1-A	Method Blank	Total/NA	Solid	EPA 8270D	347738
LCS 180-347738/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	347738

Metals

Prep Batch: 347501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	7471B	
MB 180-347501/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-347501/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-117414-1 MS	20210238.1	Total/NA	Solid	7471B	
180-117414-1 MSD	20210238.1	Total/NA	Solid	7471B	

Prep Batch: 347513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	3050B	
MB 180-347513/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 347647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 7471B	347501
MB 180-347501/1-A	Method Blank	Total/NA	Solid	EPA 7471B	347501
LCS 180-347501/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	347501
180-117414-1 MS	20210238.1	Total/NA	Solid	EPA 7471B	347501
180-117414-1 MSD	20210238.1	Total/NA	Solid	EPA 7471B	347501

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.1

Job ID: 180-117414-1

Metals

Analysis Batch: 347657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	EPA 6010C	347513
MB 180-347513/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347513
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347513

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-1	20210238.1	Total/NA	Solid	2540G	

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice *(Circle One)* Y / N | Sample intact and acceptable for evaluation? *(Circle One)* Y / N

Initials of personnel checking in sample: QM | Sample disposed of by: *(Signature)* | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 TMT/14/

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-1

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-2
Client Project/Site: Carbon Acceptance, 20210238.2

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
2/26/2021 9:40:31 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-2	20210238.2	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Method	Method Description	Protocol	Laboratory
EPA 6010C	Metals (ICP)	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
EPA 7196A	Chromium, Hexavalent	SW846	TAL PIT
3050B	Preparation, Metals	SW846	TAL PIT
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Job ID: 180-117414-2
Project/Site: Carbon Acceptance, 20210238.2

Client Sample ID: 20210238.2
Lab Sample ID: 180-117414-2
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.2
Lab Sample ID: 180-117414-2
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 60.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.20 g	100 mL	347513	02/24/21 10:41	KEM	TAL PIT
Total/NA	Analysis	EPA 6010C		1			347657	02/25/21 09:39	RJG	TAL PIT
	Instrument ID: C									
Total/NA	Prep	3060A			2.52 g	100 mL	347498	02/24/21 12:30	PMH	TAL PIT
Total/NA	Analysis	EPA 7196A		1	25 mL	25 mL	347685	02/25/21 16:02	PMH	TAL PIT
	Instrument ID: GEN10S									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KEM = Kimberly Mahoney

PMH = Paloma Hoelzle

Batch Type: Analysis

KMM = Kendric Moore

PMH = Paloma Hoelzle

RJG = Rob Good

Client Sample Results

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Client Sample ID: 20210238.2

Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-2

Matrix: Solid
Percent Solids: 60.1

Method: EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Arsenic	**4.4**		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Barium	**96**		28		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Beryllium	**1.6**		0.56		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Cadmium	ND		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Calcium	ND		690		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Chromium	**4.8**		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Cobalt	ND		6.9		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Copper	**8.5**		3.5		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Iron	**1900**		14		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Manganese	**9.7**		2.1		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Nickel	**10**		5.6		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Selenium	ND		1.4		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Silver	ND		0.69		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Thallium	ND		2.8		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1
Zinc	**3.1**		2.8		mg/Kg	☼	02/24/21 10:41	02/25/21 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**39.9**		0.1		%			02/24/21 11:24	1
Percent Solids	**60.1**		0.1		%			02/24/21 11:24	1
Hexavalent chromium	ND		0.66		mg/Kg	☼	02/24/21 12:30	02/25/21 16:02	1

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347513/1-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347513

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Arsenic	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Barium	ND		20		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Beryllium	ND		0.40		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Cadmium	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Calcium	ND		500		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Chromium	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Cobalt	ND		5.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Copper	ND		2.5		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Iron	ND		10		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Manganese	ND		1.5		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Nickel	ND		4.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Selenium	ND		1.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Silver	ND		0.50		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Thallium	ND		2.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1
Zinc	ND		2.0		mg/Kg		02/24/21 10:41	02/25/21 08:03	1

Lab Sample ID: LCS 180-347513/2-A
Matrix: Solid
Analysis Batch: 347657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347513

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			25.0	22.8		mg/Kg		91	80 - 120		
Arsenic			100	95.8		mg/Kg		96	80 - 120		
Barium			100	97.0		mg/Kg		97	80 - 120		
Beryllium			50.0	49.4		mg/Kg		99	80 - 120		
Cadmium			50.0	48.7		mg/Kg		97	80 - 120		
Calcium			2500	2470		mg/Kg		99	80 - 120		
Chromium			50.0	48.2		mg/Kg		96	80 - 120		
Cobalt			50.0	48.3		mg/Kg		97	80 - 120		
Copper			50.0	48.5		mg/Kg		97	80 - 120		
Iron			500	493		mg/Kg		99	80 - 120		
Manganese			50.0	48.1		mg/Kg		96	80 - 120		
Nickel			50.0	48.6		mg/Kg		97	80 - 120		
Selenium			100	96.6		mg/Kg		97	80 - 120		
Silver			25.0	24.0		mg/Kg		96	80 - 120		
Thallium			100	94.3		mg/Kg		94	80 - 120		
Zinc			25.0	24.2		mg/Kg		97	80 - 120		

Method: EPA 7196A - Chromium, Hexavalent

Lab Sample ID: MB 180-347498/1-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347498

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.40		mg/Kg		02/24/21 12:30	02/25/21 15:20	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Method: EPA 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 180-347498/3-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347498

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	708	651		mg/Kg		92	80 - 120

Lab Sample ID: LCSS 180-347498/2-A
Matrix: Solid
Analysis Batch: 347685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347498

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	20.0	17.0		mg/Kg		85	80 - 120

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.2

Job ID: 180-117414-2

Metals

Prep Batch: 347513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	3050B	
MB 180-347513/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 347657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	EPA 6010C	347513
MB 180-347513/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347513
LCS 180-347513/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347513

General Chemistry

Prep Batch: 347498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	3060A	
MB 180-347498/1-A	Method Blank	Total/NA	Solid	3060A	
LCSI 180-347498/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 180-347498/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	2540G	

Analysis Batch: 347685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-2	20210238.2	Total/NA	Solid	EPA 7196A	347498
MB 180-347498/1-A	Method Blank	Total/NA	Solid	EPA 7196A	347498
LCSI 180-347498/3-A	Lab Control Sample	Total/NA	Solid	EPA 7196A	347498
LCSS 180-347498/2-A	Lab Control Sample	Total/NA	Solid	EPA 7196A	347498

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice (Circle One) Y / N | Sample intact and acceptable for evaluation? (Circle One) Y / N
Initials of personnel checking in sample: QM | Sample disposed of by: (Signature) | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thrtlly

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-2

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-3
Client Project/Site: Carbon Acceptance, 20210238.3

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/1/2021 11:20:56 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-3	20210238.3	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Method	Method Description	Protocol	Laboratory
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
3580A	Waste Dilution	SW846	TAL PIT
3660B	Sulfur Cleanup	SW846	TAL PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid
Percent Solids: 57.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.0 g	40.0 mL	347693	02/25/21 16:45	SNP	TAL PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	347737	02/26/21 08:45	DFE	TAL PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	347739	02/26/21 08:46	DFE	TAL PIT
Total/NA	Analysis	EPA 8082A		1			347702	02/26/21 14:26	DFE	TAL PIT
	Instrument ID: CHGC8									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Cleanup

DFE = David Eppinger

Batch Type: Prep

SNP = Sydney Prugh

Batch Type: Analysis

DFE = David Eppinger

KMM = Kendric Moore

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.3

Job ID: 180-117414-3

Client Sample ID: 20210238.3
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-3
Matrix: Solid
Percent Solids: 57.7

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1221	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1232	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1242	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1248	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1254	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1
Aroclor 1260	ND		870		ug/Kg	☼	02/25/21 16:45	02/26/21 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*59 - 132*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
DCB Decachlorobiphenyl (Surr)	*138*	*S1+*	*59 - 132*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*27 - 105*	*02/25/21 16:45*	*02/26/21 14:26*	*1*
Tetrachloro-m-xylene (Surr)	*66*		*27 - 105*	*02/25/21 16:45*	*02/26/21 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**42.3**		0.1		%			02/24/21 11:24	1
Percent Solids	**57.7**		0.1		%			02/24/21 11:24	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-347693/1-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347693

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1221	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1232	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1242	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1248	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1254	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1
Aroclor 1260	ND		500		ug/Kg		02/25/21 16:45	02/26/21 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*59 - 132*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
DCB Decachlorobiphenyl (Surr)	*119*		*59 - 132*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*27 - 105*	*02/25/21 16:45*	*02/26/21 16:17*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*27 - 105*	*02/25/21 16:45*	*02/26/21 16:17*	*1*

Lab Sample ID: LCS 180-347693/2-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			40000	36300		ug/Kg		91	65 - 126		
Aroclor 1260			40000	41800		ug/Kg		104	59 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*121*		*59 - 132*
DCB Decachlorobiphenyl (Surr)	*121*		*59 - 132*
Tetrachloro-m-xylene (Surr)	*90*		*27 - 105*
Tetrachloro-m-xylene (Surr)	*89*		*27 - 105*

Lab Sample ID: LCSD 180-347693/3-A
Matrix: Solid
Analysis Batch: 347702

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347693

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			40000	37300		ug/Kg		93	65 - 126	3	15
Aroclor 1260			40000	41500		ug/Kg		104	59 - 128	1	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*124*		*59 - 132*
DCB Decachlorobiphenyl (Surr)	*123*		*59 - 132*
Tetrachloro-m-xylene (Surr)	*92*		*27 - 105*
Tetrachloro-m-xylene (Surr)	*91*		*27 - 105*

QC Association Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-3
Project/Site: Carbon Acceptance, 20210238.3

GC Semi VOA

Prep Batch: 347693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3580A	
MB 180-347693/1-A	Method Blank	Total/NA	Solid	3580A	
LCS 180-347693/2-A	Lab Control Sample	Total/NA	Solid	3580A	
LCSD 180-347693/3-A	Lab Control Sample Dup	Total/NA	Solid	3580A	

Analysis Batch: 347702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	EPA 8082A	347739
MB 180-347693/1-A	Method Blank	Total/NA	Solid	EPA 8082A	347693
LCS 180-347693/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	347693
LCSD 180-347693/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8082A	347693

Cleanup Batch: 347737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3665A	347693

Cleanup Batch: 347739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	3660B	347737

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-3	20210238.3	Total/NA	Solid	2540G	

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice (Circle One) Y / N | Sample intact and acceptable for evaluation? (Circle One) Y / N

Initials of personnel checking in sample: QM | Sample disposed of by: (Signature) | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thm

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-3

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-4
Client Project/Site: Carbon Acceptance, 20210238.4

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/1/2021 7:43:21 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-4	20210238.4	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Method	Method Description	Protocol	Laboratory
2540G	SM 2540G	SM22	TAL PIT
EPA 9014	Cyanide	SW846	TAL PIT
9010C	Cyanide, Distillation	SW846	TAL PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			347519	02/24/21 11:24	KMM	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 59.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9010C			0.23 g	10 mL	347655	02/25/21 13:17	GRB	TAL PIT
Total/NA	Analysis	EPA 9014		1			347853	02/26/21 17:04	GRB	TAL PIT
	Instrument ID: SEAL2									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

GRB = Gabriel Berghe

Batch Type: Analysis

GRB = Gabriel Berghe

KMM = Kendric Moore

Client Sample Results

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	40.8		0.1		%			02/24/21 11:24	1
Percent Solids	59.2		0.1		%			02/24/21 11:24	1

Client Sample Results

Client: Calgon Carbon Corporation
Job ID: 180-117414-4
Project/Site: Carbon Acceptance, 20210238.4

Client Sample ID: 20210238.4
Lab Sample ID: 180-117414-4
Date Collected: 02/23/21 09:00
Matrix: Solid
Date Received: 02/23/21 11:38
Percent Solids: 59.2

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.73		mg/Kg	☼	02/25/21 13:17	02/26/21 17:04	1

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-347655/4-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347655

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		02/25/21 13:17	02/26/21 16:55	1

Lab Sample ID: HLCS 180-347655/2-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.250	0.253		mg/Kg		101	90 - 110		

Lab Sample ID: LCS 180-347655/3-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			23.1	20.6		mg/Kg		89	17 - 163		

Lab Sample ID: LLCS 180-347655/1-A
Matrix: Solid
Analysis Batch: 347853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347655

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.0500	0.0486		mg/Kg		97	90 - 110		

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.4

Job ID: 180-117414-4

General Chemistry

Analysis Batch: 347519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	2540G	

Prep Batch: 347655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	9010C	
MB 180-347655/4-A	Method Blank	Total/NA	Solid	9010C	
HLCS 180-347655/2-A	Lab Control Sample	Total/NA	Solid	9010C	
LCS 180-347655/3-A	Lab Control Sample	Total/NA	Solid	9010C	
LLCS 180-347655/1-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 347853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-4	20210238.4	Total/NA	Solid	EPA 9014	347655
MB 180-347655/4-A	Method Blank	Total/NA	Solid	EPA 9014	347655
HLCS 180-347655/2-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655
LCS 180-347655/3-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655
LLCS 180-347655/1-A	Lab Control Sample	Total/NA	Solid	EPA 9014	347655

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice *(Circle One)* Y / N | Sample intact and acceptable for evaluation? *(Circle One)* Y / N
Initials of personnel checking in sample: QM | Sample disposed of by: *(Signature)* | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thm

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-4

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-117414-5
Client Project/Site: Carbon Acceptance, 20210238.5

For:
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, Pennsylvania 15108

Attn: Rene Kotyk

Authorized for release by:
3/2/2021 11:12:06 AM

David Dunlap, Senior Project Manager
(412)963-2432
David.Dunlap@Eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416

Table of Contents

Definitions/Glossary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Laboratory: Eurofins TestAmerica, Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	02-00416	04-30-21

Sample Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-117414-5	20210238.5	Solid	02/23/21 09:00	02/23/21 11:38	

Method Summary

Client: Calgon Carbon Corporation
Job ID: 180-117414-5
Project/Site: Carbon Acceptance, 20210238.5

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
EPA 8081B	Organochlorine Pesticides (GC)	SW846	TAL PIT
EPA 8151A	Herbicides (GC)	SW846	TAL PIT
EPA 6010C	Metals (ICP)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
3010A	Preparation, Total Metals	SW846	TAL PIT
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL PIT
5030C	Purge and Trap	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT
8151A	Extraction (Herbicides)	SW846	TAL PIT
EPA 1311	TCLP Extraction	SW846	TAL PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Client Sample ID: 20210238.5

Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	EPA 1311			25.11 g	500 mL	347529	02/24/21 14:45	GRN	TAL PIT
TCLP	Analysis	EPA 8260C		1	0.125 mL	5 mL	347579	02/25/21 14:09	KLG	TAL PIT
	Instrument ID: CHHP9									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3510C			200 mL	10.0 mL	347667	02/25/21 11:45	SNP	TAL PIT
TCLP	Analysis	EPA 8270D		1	1 mL	1 mL	347703	02/26/21 14:25	JAS	TAL PIT
	Instrument ID: CH722									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3510C			100 mL	40.0 mL	347666	02/25/21 11:45	SNP	TAL PIT
TCLP	Analysis	EPA 8081B		1			347758	02/26/21 19:22	DFE	TAL PIT
	Instrument ID: CHGC15									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	8151A			100 mL	10.0 mL	347669	02/25/21 13:00	SNP	TAL PIT
TCLP	Analysis	EPA 8151A		20			347897	03/01/21 13:16	JMO	TAL PIT
	Instrument ID: CGC1									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	3010A			5 mL	50 mL	347674	02/25/21 14:44	TJO	TAL PIT
TCLP	Analysis	EPA 6010C		1			348026	03/01/21 12:12	RJG	TAL PIT
	Instrument ID: C									
TCLP	Leach	EPA 1311			100.04 g	2000 mL	347528	02/24/21 14:45	GRN	TAL PIT
TCLP	Prep	7470A			50 mL	50 mL	347658	02/25/21 13:26	KHM	TAL PIT
TCLP	Analysis	EPA 7470A		1			347773	02/26/21 12:06	KHM	TAL PIT
	Instrument ID: HGZ									

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Leach

GRN = Gavin Nicholls

Batch Type: Prep

KHM = Kyle Mucroski
SNP = Sydney Prugh
TJO = Tyler Oliver

Batch Type: Analysis

DFE = David Eppinger
JAS = Jeremy Stundon
JMO = John Oravec
KHM = Kyle Mucroski
KLG = Kathy Gordon
RJG = Rob Good

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Client Sample ID: 20210238.5
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5
Matrix: Solid

Method: EPA 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		mg/L			02/25/21 14:09	1
2-Butanone (MEK)	ND	^c	0.20		mg/L			02/25/21 14:09	1
Carbon tetrachloride	ND		0.20		mg/L			02/25/21 14:09	1
Chlorobenzene	ND		0.20		mg/L			02/25/21 14:09	1
Chloroform	ND		0.20		mg/L			02/25/21 14:09	1
1,2-Dichloroethane	ND		0.20		mg/L			02/25/21 14:09	1
1,1-Dichloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Tetrachloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Trichloroethene	ND		0.20		mg/L			02/25/21 14:09	1
Vinyl chloride	ND		0.20		mg/L			02/25/21 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*49 - 130*		*02/25/21 14:09*	*1*
Dibromofluoromethane (Surr)	*107*		*55 - 134*		*02/25/21 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*44 - 150*		*02/25/21 14:09*	*1*
Toluene-d8 (Surr)	*77*		*61 - 123*		*02/25/21 14:09*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4-Dinitrotoluene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 14:25	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*51 - 105*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 111*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Nitrobenzene-d5 (Surr)	*84*		*47 - 118*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Phenol-d5 (Surr)	*84*	*^c*	*50 - 105*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
Terphenyl-d14 (Surr)	*74*		*38 - 119*	*02/25/21 11:45*	*02/26/21 14:25*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*45 - 115*	*02/25/21 11:45*	*02/26/21 14:25*	*1*

Method: EPA 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 19:22	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 19:22	1

Client Sample ID: 20210238.5
Date Collected: 02/23/21 09:00
Date Received: 02/23/21 11:38

Lab Sample ID: 180-117414-5
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*58 - 115*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*58 - 115*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
Tetrachloro-m-xylene	*90*		*43 - 118*	*02/25/21 11:45*	*02/26/21 19:22*	*1*
Tetrachloro-m-xylene	*99*		*43 - 118*	*02/25/21 11:45*	*02/26/21 19:22*	*1*

Method: EPA 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	^c	0.040	mg/L		02/25/21 13:00	03/01/21 13:16	20
2,4,5-TP (Silvex)	ND	^c	0.010	mg/L		02/25/21 13:00	03/01/21 13:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*91*	*^c*	*48 - 127*	*02/25/21 13:00*	*03/01/21 13:16*	*20*
2,4-Dichlorophenylacetic acid	*105*	*^c*	*48 - 127*	*02/25/21 13:00*	*03/01/21 13:16*	*20*

Method: EPA 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Barium	ND		2.0	mg/L		02/25/21 14:44	03/01/21 12:12	1
Cadmium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Chromium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Lead	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Selenium	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1
Silver	ND		0.50	mg/L		02/25/21 14:44	03/01/21 12:12	1

Method: EPA 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		02/25/21 13:26	02/26/21 12:06	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 180-347579/3
Matrix: Solid
Analysis Batch: 347579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0100	0.0100		mg/L		100	70 - 123
2-Butanone (MEK)	0.0100	0.0136		mg/L		136	24 - 150
Carbon tetrachloride	0.0100	0.0100		mg/L		100	60 - 130
Chlorobenzene	0.0100	0.00964		mg/L		96	76 - 130
Chloroform	0.0100	0.00936		mg/L		94	68 - 120
1,2-Dichloroethane	0.0100	0.00926		mg/L		93	65 - 133
1,1-Dichloroethene	0.0100	0.0102		mg/L		102	55 - 128
Tetrachloroethene	0.0100	0.0103		mg/L		103	56 - 147
Trichloroethene	0.0100	0.00990		mg/L		99	69 - 123
Vinyl chloride	0.0100	0.0105		mg/L		105	42 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*49 - 130*
Dibromofluoromethane (Surr)	*98*		*55 - 134*
1,2-Dichloroethane-d4 (Surr)	*94*		*44 - 150*
Toluene-d8 (Surr)	*89*		*61 - 123*

Lab Sample ID: LB 180-347529/1-A
Matrix: Solid
Analysis Batch: 347579

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.050	mg/L			02/25/21 11:39	1
2-Butanone (MEK)	ND		0.050	mg/L			02/25/21 11:39	1
Carbon tetrachloride	ND		0.050	mg/L			02/25/21 11:39	1
Chlorobenzene	ND		0.050	mg/L			02/25/21 11:39	1
Chloroform	ND		0.050	mg/L			02/25/21 11:39	1
1,2-Dichloroethane	ND		0.050	mg/L			02/25/21 11:39	1
1,1-Dichloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Tetrachloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Trichloroethene	ND		0.050	mg/L			02/25/21 11:39	1
Vinyl chloride	ND		0.050	mg/L			02/25/21 11:39	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*		*49 - 130*		*02/25/21 11:39*	*1*
Dibromofluoromethane (Surr)	*103*		*55 - 134*		*02/25/21 11:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*44 - 150*		*02/25/21 11:39*	*1*
Toluene-d8 (Surr)	*77*		*61 - 123*		*02/25/21 11:39*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-347667/1-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347667

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4-Dinitrotoluene	ND		0.050	mg/L		02/25/21 11:45	02/26/21 06:41	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-347667/1-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347667

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 06:41	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*51 - 105*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
2-Fluorophenol (Surr)	*80*		*52 - 111*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Nitrobenzene-d5 (Surr)	*87*		*47 - 118*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Phenol-d5 (Surr)	*90*		*50 - 105*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
Terphenyl-d14 (Surr)	*74*		*38 - 119*	*02/25/21 11:45*	*02/26/21 06:41*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*45 - 115*	*02/25/21 11:45*	*02/26/21 06:41*	*1*

Lab Sample ID: LCS 180-347667/2-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347667

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dichlorobenzene			0.250	0.209		mg/L		84	55 - 100		
2,4-Dinitrotoluene			0.250	0.177		mg/L		71	39 - 100		
Hexachlorobenzene			0.250	0.121		mg/L		48	28 - 100		
Hexachlorobutadiene			0.250	0.196		mg/L		78	47 - 122		
Hexachloroethane			0.250	0.219		mg/L		88	53 - 100		
2-Methylphenol			0.250	0.209		mg/L		83	52 - 100		
Methylphenol, 3 & 4			0.500	0.442		mg/L		88	52 - 104		
Nitrobenzene			0.250	0.226		mg/L		90	54 - 101		
Pentachlorophenol			0.250	0.146	J	mg/L		58	19 - 100		
Pyridine			0.250	0.212		mg/L		85	55 - 118		
2,4,5-Trichlorophenol			0.250	0.183		mg/L		73	55 - 104		
2,4,6-Trichlorophenol			0.250	0.188		mg/L		75	52 - 106		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*51 - 105*
2-Fluorophenol (Surr)	*80*		*52 - 111*
Nitrobenzene-d5 (Surr)	*91*		*47 - 118*
Phenol-d5 (Surr)	*90*		*50 - 105*
Terphenyl-d14 (Surr)	*77*		*38 - 119*
2,4,6-Tribromophenol (Surr)	*62*		*45 - 115*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-347667/3-A
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347667

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.250	0.213		mg/L		85	55 - 100	2	15
2,4-Dinitrotoluene			0.250	0.187		mg/L		75	39 - 100	5	15
Hexachlorobenzene			0.250	0.121		mg/L		48	28 - 100	0	15
Hexachlorobutadiene			0.250	0.190		mg/L		76	47 - 122	3	15
Hexachloroethane			0.250	0.227		mg/L		91	53 - 100	4	15
2-Methylphenol			0.250	0.218		mg/L		87	52 - 100	4	15
Methylphenol, 3 & 4			0.500	0.459		mg/L		92	52 - 104	4	15
Nitrobenzene			0.250	0.221		mg/L		88	54 - 101	2	15
Pentachlorophenol			0.250	0.141	J	mg/L		57	19 - 100	3	18
Pyridine			0.250	0.223		mg/L		89	55 - 118	5	15
2,4,5-Trichlorophenol			0.250	0.191		mg/L		76	55 - 104	4	15
2,4,6-Trichlorophenol			0.250	0.191		mg/L		77	52 - 106	2	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*51 - 105*
2-Fluorophenol (Surr)	*82*		*52 - 111*
Nitrobenzene-d5 (Surr)	*90*		*47 - 118*
Phenol-d5 (Surr)	*95*		*50 - 105*
Terphenyl-d14 (Surr)	*79*		*38 - 119*
2,4,6-Tribromophenol (Surr)	*65*		*45 - 115*

Lab Sample ID: LB 180-347528/1-D
Matrix: Solid
Analysis Batch: 347703

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347667

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4-Dinitrotoluene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachlorobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachlorobutadiene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Hexachloroethane	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2-Methylphenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Methylphenol, 3 & 4	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Nitrobenzene	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
Pentachlorophenol	ND		0.25		mg/L		02/25/21 11:45	02/26/21 08:31	1
Pyridine	ND		0.10		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4,5-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1
2,4,6-Trichlorophenol	ND		0.050		mg/L		02/25/21 11:45	02/26/21 08:31	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*51 - 105*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
2-Fluorophenol (Surr)	*84*		*52 - 111*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Nitrobenzene-d5 (Surr)	*92*		*47 - 118*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Phenol-d5 (Surr)	*95*		*50 - 105*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
Terphenyl-d14 (Surr)	*78*		*38 - 119*	*02/25/21 11:45*	*02/26/21 08:31*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*45 - 115*	*02/25/21 11:45*	*02/26/21 08:31*	*1*

Method: EPA 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-347666/1-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347666

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 17:18	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 17:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*58 - 115*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*58 - 115*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
Tetrachloro-m-xylene	*92*		*43 - 118*	*02/25/21 11:45*	*02/26/21 17:18*	*1*
Tetrachloro-m-xylene	*97*		*43 - 118*	*02/25/21 11:45*	*02/26/21 17:18*	*1*

Lab Sample ID: LCS 180-347666/2-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347666

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Endrin			0.0100	0.0103		mg/L		103	37 - 150		
gamma-BHC (Lindane)			0.0100	0.00952		mg/L		95	50 - 137		
Heptachlor			0.0100	0.00995		mg/L		99	49 - 135		
Heptachlor epoxide			0.0100	0.00975		mg/L		97	49 - 133		
Methoxychlor			0.0100	0.0107		mg/L		107	45 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*102*		*58 - 115*
DCB Decachlorobiphenyl (Surr)	*105*		*58 - 115*
Tetrachloro-m-xylene	*92*		*43 - 118*
Tetrachloro-m-xylene	*96*		*43 - 118*

Lab Sample ID: LCSD 180-347666/3-A
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin			0.0100	0.0105		mg/L		105	37 - 150	2	15
gamma-BHC (Lindane)			0.0100	0.0101		mg/L		101	50 - 137	6	18
Heptachlor			0.0100	0.0103		mg/L		103	49 - 135	4	22
Heptachlor epoxide			0.0100	0.0103		mg/L		103	49 - 133	6	15
Methoxychlor			0.0100	0.0107		mg/L		107	45 - 150	0	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*106*		*58 - 115*
DCB Decachlorobiphenyl (Surr)	*104*		*58 - 115*
Tetrachloro-m-xylene	*96*		*43 - 118*
Tetrachloro-m-xylene	*98*		*43 - 118*

Method: EPA 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 180-347528/1-C
Matrix: Solid
Analysis Batch: 347758

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347666

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Endrin	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
gamma-BHC (Lindane)	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Heptachlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Heptachlor epoxide	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Methoxychlor	ND		0.00050		mg/L		02/25/21 11:45	02/26/21 18:05	1
Toxaphene	ND		0.040		mg/L		02/25/21 11:45	02/26/21 18:05	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*58 - 115*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
DCB Decachlorobiphenyl (Surr)	*112*		*58 - 115*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
Tetrachloro-m-xylene	*102*		*43 - 118*	*02/25/21 11:45*	*02/26/21 18:05*	*1*
Tetrachloro-m-xylene	*106*		*43 - 118*	*02/25/21 11:45*	*02/26/21 18:05*	*1*

Method: EPA 8151A - Herbicides (GC)

Lab Sample ID: MB 180-347669/1-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347669

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.040		mg/L		02/25/21 13:00	03/01/21 09:57	20
2,4,5-TP (Silvex)	ND		0.010		mg/L		02/25/21 13:00	03/01/21 09:57	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*48 - 127*	*02/25/21 13:00*	*03/01/21 09:57*	*20*
2,4-Dichlorophenylacetic acid	*100*		*48 - 127*	*02/25/21 13:00*	*03/01/21 09:57*	*20*

Lab Sample ID: LCS 180-347669/2-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-D			0.200	0.159		mg/L		80	23 - 139		
2,4,5-TP (Silvex)			0.0500	0.0613		mg/L		123	33 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*90*		*48 - 127*
2,4-Dichlorophenylacetic acid	*101*		*48 - 127*

Lab Sample ID: LCSD 180-347669/3-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D			0.200	0.176		mg/L		88	23 - 139	10	35
2,4,5-TP (Silvex)			0.0500	0.0654		mg/L		131	33 - 140	6	35

Method: EPA 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 180-347669/3-A
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 347669

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*97*		*48 - 127*
2,4-Dichlorophenylacetic acid	*111*		*48 - 127*

Lab Sample ID: LB 180-347528/1-E
Matrix: Solid
Analysis Batch: 347897

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347669

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.040		mg/L		02/25/21 13:00	03/01/21 13:41	20
2,4,5-TP (Silvex)	ND		0.010		mg/L		02/25/21 13:00	03/01/21 13:41	20

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*97*		*48 - 127*	*02/25/21 13:00*	*03/01/21 13:41*	*20*
2,4-Dichlorophenylacetic acid	*109*		*48 - 127*	*02/25/21 13:00*	*03/01/21 13:41*	*20*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-347674/1-A
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347674

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Barium	ND		0.20		mg/L		02/25/21 14:44	03/01/21 10:45	1
Cadmium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Chromium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Lead	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Selenium	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1
Silver	ND		0.050		mg/L		02/25/21 14:44	03/01/21 10:45	1

Lab Sample ID: LCS 180-347674/2-A
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347674

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			1.00	1.02		mg/L		102	80 - 120		
Barium			1.00	1.00		mg/L		100	80 - 120		
Cadmium			0.500	0.514		mg/L		103	80 - 120		
Chromium			0.500	0.500		mg/L		100	80 - 120		
Lead			0.500	0.495		mg/L		99	80 - 120		
Selenium			1.00	1.05		mg/L		105	80 - 120		
Silver			0.250	0.253		mg/L		101	80 - 120		

Lab Sample ID: LB 180-347528/1-F
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347674

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LB 180-347528/1-F
Matrix: Solid
Analysis Batch: 348026

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347674

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		2.0		mg/L		02/25/21 14:44	03/01/21 11:03	1
Cadmium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Chromium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Lead	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Selenium	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1
Silver	ND		0.50		mg/L		02/25/21 14:44	03/01/21 11:03	1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-347658/1-A
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347658

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/25/21 13:26	02/26/21 11:55	1

Lab Sample ID: LCS 180-347658/2-A
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347658

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00250	0.00253		mg/L		101	80 - 120		

Lab Sample ID: LB 180-347528/1-B
Matrix: Solid
Analysis Batch: 347773

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 347658

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/25/21 13:26	02/26/21 11:57	1

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

GC/MS VOA

Leach Batch: 347529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347529/1-A	Method Blank	TCLP	Solid	EPA 1311	

Analysis Batch: 347579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8260C	347529
LB 180-347529/1-A	Method Blank	TCLP	Solid	EPA 8260C	347529
LCS 180-347579/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	

GC/MS Semi VOA

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-D	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3510C	347528
LB 180-347528/1-D	Method Blank	TCLP	Solid	3510C	347528
MB 180-347667/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 180-347667/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-347667/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 347703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8270D	347667
LB 180-347528/1-D	Method Blank	TCLP	Solid	EPA 8270D	347667
MB 180-347667/1-A	Method Blank	Total/NA	Solid	EPA 8270D	347667
LCS 180-347667/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	347667
LCSD 180-347667/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8270D	347667

GC Semi VOA

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-C	Method Blank	TCLP	Solid	EPA 1311	
LB 180-347528/1-E	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3510C	347528
LB 180-347528/1-C	Method Blank	TCLP	Solid	3510C	347528
MB 180-347666/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 180-347666/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-347666/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Prep Batch: 347669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	8151A	347528
LB 180-347528/1-E	Method Blank	TCLP	Solid	8151A	347528

GC Semi VOA (Continued)

Prep Batch: 347669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-347669/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 180-347669/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 180-347669/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 347758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8081B	347666
LB 180-347528/1-C	Method Blank	TCLP	Solid	EPA 8081B	347666
MB 180-347666/1-A	Method Blank	Total/NA	Solid	EPA 8081B	347666
LCS 180-347666/2-A	Lab Control Sample	Total/NA	Solid	EPA 8081B	347666
LCSD 180-347666/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8081B	347666

Analysis Batch: 347897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 8151A	347669
LB 180-347528/1-E	Method Blank	TCLP	Solid	EPA 8151A	347669
MB 180-347669/1-A	Method Blank	Total/NA	Solid	EPA 8151A	347669
LCS 180-347669/2-A	Lab Control Sample	Total/NA	Solid	EPA 8151A	347669
LCSD 180-347669/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8151A	347669

Metals

Leach Batch: 347528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 1311	
LB 180-347528/1-B	Method Blank	TCLP	Solid	EPA 1311	
LB 180-347528/1-F	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 347658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	7470A	347528
LB 180-347528/1-B	Method Blank	TCLP	Solid	7470A	347528
MB 180-347658/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 180-347658/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 347674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	3010A	347528
LB 180-347528/1-F	Method Blank	TCLP	Solid	3010A	347528
MB 180-347674/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 180-347674/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 347773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 7470A	347658
LB 180-347528/1-B	Method Blank	TCLP	Solid	EPA 7470A	347658
MB 180-347658/1-A	Method Blank	Total/NA	Solid	EPA 7470A	347658
LCS 180-347658/2-A	Lab Control Sample	Total/NA	Solid	EPA 7470A	347658

QC Association Summary

Client: Calgon Carbon Corporation
Project/Site: Carbon Acceptance, 20210238.5

Job ID: 180-117414-5

Metals

Analysis Batch: 348026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-117414-5	20210238.5	TCLP	Solid	EPA 6010C	347674
LB 180-347528/1-F	Method Blank	TCLP	Solid	EPA 6010C	347674
MB 180-347674/1-A	Method Blank	Total/NA	Solid	EPA 6010C	347674
LCS 180-347674/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	347674

CALGON CARBON CORPORATION

Carbon Acceptance Laboratory
Mailing Address: P.O. Box 717, Pittsburgh, PA 15230-0717
Sample Shipping Address: 3000 GSK Drive Moon Township 15108
Phone (412) 787-6700 · Fax (412) 787-4795

CalgonCarbon
A Kuraray Company

Laboratory TSR Number	Carbon Acceptance Number (CAN)
20210238	

(assigned by laboratory personnel)

CHAIN OF CUSTODY RECORD

****THIS COMPLETED FORM MUST ACCOMPANY ALL SAMPLES SUBMITTED FOR ANALYSIS IN ORDER FOR SAMPLE TO BE ACCEPTABLE FOR EVALUATION****

Customer Name: 20210238
Customer Email:
Site Address:
Phone No. | Fax No.
Sampler Signature: Matthew Ford
Special Instructions:
Temp °C:
Ice: Yes / No
Sample Disposal ☐ Return to Customer ☐ Disposal by Lab

180-117414 Chain of Custody

No.	Sample Identification	Date	Time	No. of Containers	Sampling Method: Composite	Sampling Method: Grab	Container Type: Glass	Container Type: Plastic	Analysis Required: Acceptance Testing	Spent	ICP Metals + Hex Chrome (No Pb + Hg)	Total PCB	Total Cyanide	Full TCLP				Sample Remarks
1	20210238.1	2/23/21	9:00	1		X	X			X								5 Days
2	20210238.2	2/23/21	9:00	1		X	X				X							5 Days
3	20210238.3	2/23/21	9:00	1		X	X					X						5 Days
4	20210238.4	2/23/21	9:00	1		X	X						X					5 Days
5	20210238.5	2/23/21	9:00	1		X	X							X				5 Days
6																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time
Matthew Ford	2/23/21	9:00		2/23/21	9:30		2/23/21	11:38
Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/23/21	11:38				Matthew Ford	2/23/21	11:38

Sample condition upon arrival at laboratory | Temp °C: 2.6 | Received on ice (Circle One) Y / N | Sample intact and acceptable for evaluation? (Circle One) Y / N
Initials of personnel checking in sample: QM | Sample disposed of by: (Signature) | Date:

Additional sample remarks:

Q4 Temp 2.6 CF=0.2.6 Thrtlly

00264

Login Sample Receipt Checklist

Client: Calgon Carbon Corporation

Job Number: 180-117414-5

Login Number: 117414
List Number: 1
Creator: Abernathy, Eric

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix C

Universal Waste Handling Guidance for CRG Treatment Systems, Trailers, or Remote Offices

Universal Waste Handling Guidance for CRG Treatment Systems, Trailers, or Remote Offices

This guidance provides the requirements and instructions for remote offices, trailers, remediation system buildings, and support operations handling universal waste as part of their daily operations.

I. What are Universal Wastes?

Universal wastes are commonly used items in nearly every operation that, when disposed of, may exhibit the characteristics of hazardous waste. The following items are classified as universal waste for disposal.

A. Universal Wastes from Everyday Operations:

1. Intact batteries (alkaline, lead acid, NiCAD, and rechargeable)
2. Intact fluorescent light tubes. Identified by silver tip and green tip tubes and the curly energy savers.
3. Intact aerosol cans. Undamaged and non-leaking used aerosol cans. A list of state adoptees can be found here: https://www.rila.org/retail-compliance-center/aerosols-as-universal-waste

B. Universal Waste Generated during Demolition or Cleanout:

1. Intact mercury vapor lamps (emergency exit signs)
2. Mercury-containing equipment (pressure/temperature gauges and switches)
3. Old, unused pesticides

Many businesses were throwing away these items without understanding their inherent dangers. The U.S. Environmental Protection Agency (EPA) wanted businesses to manage these items safely without requiring the stringent requirements of hazardous waste generators. EPA regulation also allows for increased and easy recycling of these items.

II. What are the Requirements for Universal Waste Generators?

Universal waste generators are called “universal waste handlers.” The requirements for “handlers” vary based upon the amount of universal waste created. Nearly every Corporate Remediation Group (CRG) trailer or remote office will be classified as a Small Quantity Handler. The table below shows the requirements for “handlers.”

Requirement	Small Quantity Handlers	Large Quantity Handlers
Volume generated per Calendar Year	< 500kg or 11,000 pounds per year	> 5001 kg or 11,001 pounds per year
EPA notification and EPA ID number	Not required	Must notify EPA using same form as Hazardous Waste Generators; ID number is needed.
Training	Employees must be informed or aware of proper waste handling and emergency release response procedures as described in this guidance.	Employees should have formal training on universal waste handling and site emergency response procedures.
Universal Waste Shipment recordkeeping	Not required	Must log each shipment from the facility and retain the shipping papers.
Waste shipment paperwork	Bill of lading is sufficient but must be properly labeled according to Department of Transportation (DOT).	Bill of lading is sufficient but must be properly labeled according to DOT.

III. How are Universal Wastes from Everyday Operations Managed Prior to Disposal?

This guidance deals strictly with batteries, fluorescent bulbs, and aerosol cans generated by active trailers and remote offices. The storage and labeling requirements for each are listed below.

Requirement	Batteries	Fluorescent Light Tubes	Aerosol Cans
Containers	**Intact** (including water filled acid cell) – Place in 5-gallon buckets or any size open top fiber or metal drum. 12-volt-car or marine batteries may be shrink wrapped on pallet but may not be offered loose. **Broken** – Place in coated fiberboard drum to contain battery fluids. Must be disposed of as D002/D008 hazardous waste if cell casing is ruptured.	**Intact** – Place in original or other two to three ply cardboard box to prevent bulb breakage. Box must be of appropriate dimension for the bulb(s). Do not crush intact bulbs. **Broken** – Place in closed non-leaking container like a 55-gallon drum (steel or fiberboard) to prevent leakage of vapors.	**Intact** – May be handled, stored, and labeled as Universal Waste in lieu of Hazardous Waste. **Punctured & Drained –** Aerosol cans may now be punctured and drained on equipment specifically designed for that purpose to prevent leaking. Punctured and drained cans can be considered scrap metal. Waste contents recovered from inside the can must receive a hazardous waste determination.
Storage Area, Secondary Containment	None	None	None
Labeling during storage	"Universal Waste Batteries" and the accumulation start date	"Universal Waste – Waste Lamps" and the accumulation start date	"Universal Waste – Aerosol Can(s),""Waste Aerosol Can(s)," or "Used Aerosol Can(s)" and the accumulation start date.
Accumulation time	Up to one year	Up to one year	Up to one year
Inspections	None, but must immediately contain any releases	None, but must immediately contain any releases	None, but must immediately contain any releases.
RCRA shipping papers	Bill of lading IF INTACT. Manifest only if wet cell casing is ruptured.	Bill of lading	Depends based on generator state and disposal facility state.
DOT proper shipping name for shipment	See table in Section IV below.	Not regulated by DOT	Aerosols
DOT shipping label	See table in Section IV below.	None	UN1950, Aerosols

IV. DOT Shipping Name and Label

Name	Label
Alkaline, common AA, C, and D cells	No-DOT Regulated Solid, or Battery, Dry
Lead-acid	UN2794, Batteries, Wet, Filled with acid, 8, III
Lead-acid (non-spillable)	UN2800, batteries, wet, non-spillable, 8, III
Lithium-ion button (commonly used in watches and calculators)	UN3480, lithium ion batteries, 9, II
Lithium-metal (commonly used in phones and digital cameras)	UN3090, lithium metal batteries, 9, II
Lithium-ion (in equipment)	UN3481, lithium ion batteries contained in equipment, 9, II
Lithium-metal (in equipment)	UN3091, lithium metal batteries contained in equipment, 9, II
Mercuric oxide	Non-DOT Regulated Solid, or Battery, Dry
Nickel-Cadmium (dry) (commonly used in appliances, toys, and cordless phones	Non-DOT Regulated Solid, or Battery, Dry
Nickel-Cadmium (wet)	UN2795, batteries, wet, filled with alkali, 8, III
Nickel-metal hydride	Non-DOT Regulated Solid, or Battery, Dry
Silver oxide (commonly used in watches)	Non-DOT Regulated Solid, or Battery, Dry

V. Aerosol Can Shipping papers

In many instances, the treatment and disposal facility will not be in the same state. Therefore, the waste consultant or disposal facility will need to confirm the shipping paper requirements for the transportation route. If all of the states on the transportation route have adopted aerosol cans as universal waste, then a bill of lading will be used. If any state in the transportation route has not adopted aerosol cans as universal waste, then a uniform hazardous waste manifest will be used. Note in Block 14 of the manifest that the waste is covered under the universal waste program in the generator's state. Additionally, Land Disposal Restriction notification will be provided with the shipping paper.

VI. How Do I Dispose of My Universal Waste?

Universal waste may be picked up for recycling or disposal through any of the client's preferred waste vendors. **NOTE: A spot purchase order will be required before the pickup can be scheduled.** Per EPA requirements, universal waste should be disposed of annually. Please file an inventory with the Waste Management group to coordinate your pickup at least once per year.

VII. Additional Questions

If you have questions regarding universal waste, please contact the following individuals for more detail.

Lance Holman	AECOM	609-405-7661
Betsy Bishop	AECOM	303-216-2558
Tim Pezzino	AECOM	716-923-1111
Nadia Suhaka	AECOM	609-334-1460
Jon Amsterdam	AECOM	302-530-3793
Zakary Fisch	AECOM	302-857-9067

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Storage Area, Secondary Containment	None	None	None
Labeling during storage	"Universal Waste Batteries" and the accumulation start date	"Universal Waste – Waste Lamps" and the accumulation start date	"Universal Waste – Aerosol Can(s),""Waste Aerosol Can(s)," or "Used Aerosol Can(s)" and the accumulation start date.
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Inspections	None, but must immediately contain any releases	None, but must immediately contain any releases	None, but must immediately contain any releases.
RCRA shipping papers	Bill of lading IF INTACT. Manifest only if wet cell casing is ruptured.	Bill of lading	Depends based on generator state and disposal facility state.
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DOT shipping label	See table in Section IV below.	None	UN1950, Aerosols

IV. DOT Shipping Name and Label

Name	Label
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Lead-acid	UN2794, Batteries, Wet, Filled with acid, 8, III
Lead-acid (non-spillable)	UN2800, batteries, wet, non-spillable, 8, III
Lithium-ion button (commonly used in watches and calculators)	UN3480, lithium ion batteries, 9, II
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Nickel-Cadmium (wet)	UN2795, batteries, wet, filled with alkali, 8, III
Nickel-metal hydride	Non-DOT Regulated Solid, or Battery, Dry
Silver oxide (commonly used in watches)	Non-DOT Regulated Solid, or Battery, Dry

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Jon Amsterdam	AECOM	302-530-3793
Zakary Fisch	AECOM	302-857-9067

Appendix D

Waste Management Field Documentation Form

Waste Management Field Documentation Form

The Chemours Site Representative (CSR) is to submit this form to the AECOM Waste Management Network Consultant via electronic mail at the completion of the project. The designated Waste Management Consultant(s) for this project are:

WM Name: Jon Amsterdam Email: Jon.amsterdam@aecom.com Phone: 302-530-3793

General Information

Field Event Date(s): TBD

CRG Project No. Various Project Manager: Kevin Garon

Site Name: Fayetteville Works Project Name: Fayetteville Consent Order Activities

Site Address: 1248 Bill Hall Road, Fayetteville, NC 28306

CSR: Brandon Weidner (Parsons) Phone: 910-729-9319

Site Environmental Coordinator/Contact: Christel Compton Phone: 910-678-1213

Waste Information

1. Does this project need help from your AECOM WM Consultant to dispose of waste from this project?

   X YES (Complete the attached waste inventory sheet)

   _____ NO (Answer questions 2 and 3 below)

2. Who will be responsible for disposal of the waste?

   _____

3. How was the waste disposed?

   _____

Waste Inventory Sheet

Container Number	Matrix (e.g., Soil, GW)	Container Type (e.g., roll-off, drum)	Percent Full	Label (e.g., Hazardous, Pending)	Accumulation Start Date	Waste Characterization Sample Name (If applicable)

Appendix E

Waste Container and Equipment Log Tracking Sheet

Waste Container and Equipment Log Tracking Sheet

Equipment (Tanker Truck, Roll-Off, Dump Truck, Baker Tank®)	Vendor	Delivery Date	Pickup Date	Container Volume	Final Destination

Appendix F

Waste Container Labels

NON-HAZARDOUS Waste

OPTIONAL INFORMATION

SHIPPER Chemours – Fayetteville Works

ADDRESS

CITY, STATE, ZIP Fayetteville, NC 28306

CONTENTS

NON-HAZARDOUS WASTE

UNIVERSAL WASTE

CONTENTS	Used Bulbs
ACCUMULATION START DATE	
SHIPPER	Chemours – Fayetteville Works
ADDRESS	
CITY, STATE, ZIP	Fayetteville, NC 28306

Appendix G

90-Day – Accumulation Area Inspection Log

90-Day – Accumulation Area Inspection Log
(Completed weekly when Hazardous Waste exists in 90/180-Day Storage Pad)

Date: _____ Time: _____
Inspector Name: _____

Requirements	Meets Requirements (Yes or No)	Changes Needed	Date Corrected
Each container (as applicable) labeled with words “Hazardous Waste.”			
Each container (as applicable) has “Accumulation Start Date.”			
Each container has applicable waste code.			
Container labels legible.			
Containers tightly closed.			
No evidence of rust, dents, etc. on drums.			
No containers leaking.			
Aisle space is open and free of obstructions.			
Storage is less than 90 days (LQG).			
Waste (hazardous and non-hazardous) is segregated properly.			
‘No Smoking Sign’ is clearly visible.			
Spill kit and materials are present and in good condition.			
No strange smells are noted.			
Communication or warning devices are present and working properly.			

Comments _____

Attachment G

Drums Transported Offsite

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
CF-SW-D-001-11202019	7 iron prefilters, 7 sediment prefilters, ~200' tubing, PPE gloves, ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-002-11202019	12 iron prefilters, 12 sediment prefilters, PPE (gloves), ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-003-11202019	3 iron prefilters, 3 sediment prefilters, ~150' of absorbent socks, PPE (gloves), ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-004-11202019	~175' absorbent socks, 2 iron prefilters, 2 sediment prefilters, PPE (gloves), ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-005-11202019	11 iron prefilters, 11 sediment prefilters, PPE (gloves), ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-006-11202019	14 iron prefilters, 14 sediment prefilters, PPE (gloves), ~5% trash bags and contact waste	WFN-381/A/B
CF-SW-D-007-11202019	15 iron prefilters, 12 sediment prefilters	WFN-381/A/B
CF-SW-D-008-11202019	12 iron prefilters, 13 sediment prefilters, 23 filter socks	WFN-381/A/B
CF-SW-D-009-11202019	15 iron prefilters, 15 sediment prefilters	WFN-381/A/B
CF-SW-D-010-11202019	7 iron prefilters, 7 sediment prefilters, 1 large bag of contact wastes: PPE (gloves), trash bags, filter boxes, filter wrapping	WFN-381/A/B
CF-SW-D-011-11202019	15 iron prefilters, 15 sediment prefilters	WFN-381/A/B
CF-SW-D-012-11202019	15 iron prefilters, 18 sediment prefilters	WFN-381/A/B
CF-SW-D-013-11202019	7 iron prefilters, 7 sediment prefilters, 1 large bag of contact wastes: PPE (gloves), trash bags, filter boxes, filter wrapping	WFN-381/A/B
CF-SW-D-014-01272020	15 iron prefilters, 9 sediment prefilters, 1 small bag of contact wastes: gloves, ~100' of GWS tubing	WFN-381/A/B
CF-SW-D-015-01272020	13 iron prefilters, 13 sediment prefilters, 1 small bag of contact wastes: gloves, 2 GWS bailers with twine, GWS filters	WFN-381/A/B
CF-SW-D-016-01272020	10 Iron prefilters, 11 sediment prefilters, 1 large bag of contact waste: ~200' GWS tubing, ~250' bailer twine, 3 bottles of spent iron test vials	WFN-381/A/B
CF-SW-D-017-01272020	7 sediment prefilters	WFN-381/A/B
CF-SW-D-018-01272020	6 iron prefilters, 2 large bags of contact waste: gloves, decon wipes	WFN-381/A/B
CF-SW-D-019-01292020	2 large bags of contact wastes: nitrile gloves, tubing, sample containers, trash bags, paper towels	WFN-381/A/B
CF-SW-D-020-01312020	13 Iron Prefilters, 14 Sediment Prefilters	WFN-381/A/B
CF-SW-D-021-02052020	6 Iron Prefilters, 2 bags of contact wastes	WFN-381/A/B
CF-SW-D-022-02182020	3 bags of contact wastes	WFN-381/A/B
CF-SW-D-023-02242020	13 Iron Prefilters, 14 Sediment Prefilters	WFN-381/A/B
CF-SW-D-024-02252020	3 bags of contact wastes	WFN-381/A/B
CF-SW-D-025-04132020	3 bags of contact wastes	WFN-381/A/B
CF-SW-D-026-04132020	3 bags of contact wastes	WFN-381/A/B
CF-SW-D-027-04132020	2 bags of contact wastes	WFN-381/A/B
CF-SW-D-028-04132020	13 Iron Prefilters, 14 Sediment Prefilters	WFN-381/A/B
CF-SW-D-029-04132020	13 Iron Prefilters, 15 Sediment Prefilters	WFN-381/A/B
CF-SW-D-030-05262020	8 bags of contact wastes	WFN-381/A/B

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
CF-SW-D-031-05262020	13 iron prefilters, 13 sediment prefilters	WFN-381/A/B
CF-SW-D-032-05262020	13 iron prefilters, 11 sediment prefilters	WFN-381/A/B
CF-SW-D-033-05262020	4 bags of contact wastes	WFN-381/A/B
CF-SW-D-034-05262020	19 iron prefilters, 6 sediment prefilters	WFN-381/A/B
CF-SW-D-035-05262020	3 bags of contact wastes	WFN-381/A/B
CF-SW-D-036-05262020	3 bags contact wastes	WFN-381/A/B
CF-SW-D-037-06232020	4 bags contact wastes	WFN-381/A/B
CF-SW-D-038-07062020	13 sediment pre-filters, 13 iron prefilters	WFN-381/A/B
CF-SW-D-039-07072020	3 bags contact wastes	WFN-381/A/B
CF-SW-D-040-07072020	3 bags contact wastes, 8 sediment prefilters	WFN-381/A/B
CF-SW-D-041-07172020	15 iron prefilters, 10 sediment prefilters	WFN-381/A/B
CF-SW-D-042-07172020	3 bags contact wastes	WFN-381/A/B
CF-SW-D-043-07172020	2 bags contact wastes	WFN-381/A/B
CF-SW-D-044-07292020	8 sediment prefilters, 16 iron prefilters	WFN-381/A/B
FAY-IDW-022-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-023-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-027-2019	Soil	WFN-386
FAY-IDW-029-2019	Soil	WFN-386
FAY-IDW-051-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-052-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-053-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-054-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-055-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-056-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-057-2019	Drilling Mud/Slurry	WFN-385
FAY-IDW-078-2019	Soil	WFN-386
FAY-IDW-079-2019	Soil	WFN-386
FAY-IDW-092-2019	Drilliing Mud/Slurry	WFN-385
FAY-IDW-093-2019	Soil	WFN-385
FAY-IDW-080-2019	Soil	WFN-386
1	Soil	(WFN-386)
2	Soil	(WFN-386)
3	Soil	(WFN-386)
4	Slurry	(WFN-385)
5	Slurry	(WFN-385)
6	Slurry	(WFN-385)
7	Slurry	(WFN-385)
8	Slurry	(WFN-385)
9	Slurry	(WFN-385)
10	Soil	(WFN-386)
11	Soil	(WFN-386)
12	Slurry	(WFN-385)
13	Slurry	(WFN-385)
14	Soil	(WFN-386)
15	Slurry	(WFN-385)
16	Plastic - offsite waste debris (PPE, plastic, tubing)	Plastic - offsite waste debris (PPE, plastic, tubing)
17	Soil	(WFN-386)
18	Soil	(WFN-386)
19	Slurry	(WFN-385)
20	Slurry	(WFN-385)
21	Slurry	(WFN-385)
22	Slurry	(WFN-385)

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
23	Slurry	(WFN-385)
24	Slurry	(WFN-385)
25	Slurry	(WFN-385)
26	Slurry	(WFN-385)
27	Slurry	(WFN-385)
28	Slurry	(WFN-385)
29	Slurry	(WFN-385)
30	Slurry	(WFN-385)
31	Slurry	(WFN-385)
32	Slurry	(WFN-385)
33	Slurry	(WFN-385)
34	Slurry	(WFN-385)
35	Slurry	(WFN-385)
36	Slurry	(WFN-385)
37	Slurry	(WFN-385)
38	Soil	(WFN-386)
39	Soil	(WFN-386)
40	Soil	(WFN-386)
41	Soil	(WFN-386)
42	Soil	(WFN-386)
43	Soil	(WFN-386)
44	Soil	(WFN-386)
45	Soil	(WFN-386)
46	Plastic - Offsite waste debris (PPE, plastic, tubing)	plastic - Offsite waste debris (PPE, plastic, tubing)
47	Slurry	(WFN-385)
48	Slurry	(WFN-385)
49	Slurry	(WFN-385)
50	Slurry	(WFN-385)
51	Slurry	(WFN-385)
52	Slurry	(WFN-385)
53	Slurry	(WFN-385)
54	Slurry	(WFN-385)
55	Slurry	(WFN-385)
56	Slurry	(WFN-385)
57	Slurry	(WFN-385)
58	Slurry	(WFN-385)
59	Slurry	(WFN-385)
60	Slurry	(WFN-385)
61	Slurry	(WFN-385)
62	Slurry	(WFN-385)
63	Slurry	(WFN-385)
64	Slurry	(WFN-385)
65	Slurry	(WFN-385)
66	Slurry	(WFN-385)
67	Slurry	(WFN-385)
68	Slurry	(WFN-385)
69	Slurry	(WFN-385)
70	Slurry	(WFN-385)
71	Slurry	(WFN-385)
72	Slurry	(WFN-385)
73	Slurry	(WFN-385)

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
74	Slurry	(WFN-385)
75	Slurry	(WFN-385)
76	Slurry	(WFN-385)
77	Slurry	(WFN-385)
78	Soil	(WFN-386)
79	Slurry	(WFN-385)
A1	Soil	(WFN-386)
A2	Slurry	(WFN-385)
A3	Slurry	(WFN-385)
A4	Slurry	(WFN-385)
A5	Slurry	(WFN-385)
A6	Slurry	(WFN-385)
A7	Slurry	(WFN-385)
A8	Slurry	(WFN-385)
A9	Slurry	(WFN-385)
A10	Slurry	(WFN-385)
A11	Slurry	(WFN-385)
A12	Soil	(WFN-386)
A13	Slurry	(WFN-385)
A14	Slurry	(WFN-385)
A15	Soil	(WFN-386)
A16	Soil	(WFN-386)
A17	Soil	(WFN-386)
A18	Slurry	(WFN-385)
A19	Slurry	(WFN-385)
A20	Slurry	(WFN-385)
A21	Slurry	(WFN-385)
A22	Slurry	(WFN-385)
A23	Slurry	(WFN-385)
A24	Slurry	(WFN-385)
A25	Slurry	(WFN-385)
A26	Slurry	(WFN-385)
A27	Slurry	(WFN-385)
A28	Slurry	(WFN-385)
A29	Slurry	(WFN-385)
A30	Slurry	(WFN-385)
A31	Soil	(WFN-386)
A32	Soil	(WFN-386)
A33	Slurry	(WFN-385)
A34	Slurry	(WFN-385)
A35	Slurry	(WFN-385)
A36	Slurry	(WFN-385)
A37	Soil	(WFN-386)
A38	Soil	(WFN-386)
A39	Slurry	(WFN-385)
A40	Slurry	(WFN-385)
A41	Slurry	(WFN-385)
A42	Slurry	(WFN-385)
A43	Slurry	(WFN-385)
A44	Slurry	(WFN-385)
A45	Slurry	(WFN-385)
A46	Slurry	(WFN-385)
A47	Slurry	(WFN-385)
A48	Slurry	(WFN-385)

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
A50	Slurry	(WFN-385)
A51	Slurry	(WFN-385)
A52	Slurry	(WFN-385)
A53	Slurry	(WFN-385)
A54	Slurry	(WFN-385)
A55	Slurry	(WFN-385)
A56	Slurry	(WFN-385)
A57	Slurry	(WFN-385)
A58	Slurry	(WFN-385)
A59	Slurry	(WFN-385)
A60	Slurry	(WFN-385)
A61	Slurry	(WFN-385)
A62	Slurry	(WFN-385)
A63	Slurry	(WFN-385)
A64	Slurry	(WFN-385)
A65	Slurry	(WFN-385)
A66	Slurry	(WFN-385)
A67	Slurry	(WFN-385)
A68	Slurry	(WFN-385)
A69	Slurry	(WFN-385)
A70	Slurry	(WFN-385)
A71	Slurry	(WFN-385)
A72	Soil	(WFN-386)
A73	Slurry	(WFN-385)
A74	Slurry	(WFN-385)
A75	Slurry	(WFN-385)
A76	Slurry	(WFN-385)
A77	Slurry	(WFN-385)
A78	Slurry	(WFN-385)
A79	Slurry	(WFN-385)
A80	Slurry	(WFN-385)
A81	Soil	(WFN-386)
A82	Slurry	(WFN-385)
A83	Slurry	(WFN-385)
A84	Soil	(WFN-386)
A85	Soil	(WFN-386)
A86	Slurry	(WFN-385)
A87	Slurry	(WFN-385)
A88	Soil	(WFN-386)
A89	Soil	(WFN-386)
A90	Slurry	(WFN-385)
A91	Slurry	(WFN-385)
A92	Soil	(WFN-386)
A93	Slurry	(WFN-385)
A94	Slurry	(WFN-385)
A95	Slurry	(WFN-385)
A96	Slurry	(WFN-385)
A97	Soil	(WFN-386)
A98	Soil	(WFN-386)
A99	Soil	(WFN-386)
A100	Slurry	(WFN-385)
A101	Slurry	(WFN-385)
A102	Slurry	(WFN-385)
A103	Slurry	(WFN-385)

TABLE G1
DRUMS TRANSPORTED OFFSITE
Chemours Fayetteville Works, North Carolina

Drum ID/Container #	Contents	Waste Characterization
A104	Slurry	(WFN-385)
A105	Soil	(WFN-386)
A106	Soil	(WFN-386)
A107	Slurry	(WFN-385)
A108	Slurry	(WFN-385)
A109	Slurry	(WFN-385)
A110	Soil	(WFN-386)
A111	Slurry	(WFN-385)
A112	Slurry	(WFN-385)
A113	Slurry	(WFN-385)
A114	Slurry	(WFN-385)
A115	Slurry	(WFN-385)
A116	Slurry	(WFN-385)
A117	Slurry	(WFN-385)
A118	Slurry	(WFN-385)
A119	Slurry	(WFN-385)
A120	Slurry	(WFN-385)
A121	Soil	(WFN-386)
A122	Soil	(WFN-386)
A123	Slurry	(WFN-385)
A124	Slurry	(WFN-385)
A125	Soil	(WFN-386)
A126	Soil	(WFN-386)
A127	Soil	(WFN-386)
A128	Slurry	(WFN-385)
A129	Slurry	(WFN-385)
A130	Slurry	(WFN-385)
A131	Slurry	(WFN-385)
A132	Slurry	(WFN-385)
A133	Slurry	(WFN-385)
A134	Slurry	(WFN-385)

Notes
PPE - personal protective equipment
GWS - Groundwater Sampling