

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		MDL	MDL	MDL	MDL	MDL	MDL
Sample Location		Final Data	Final Data	Final Data	Final Data	Final Data	Final Data
Date Sampled		Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter
HFPO-DA (ng/L)†	CAS Number	12-Apr-18	12-Apr-18	12-Apr-18	12-Apr-18	26-Apr-18	26-Apr-18
HFPO-DA	13252-13-6	170 J	11	<0.28	1.3 J	170	170
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	<200	<200	<200	<200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	500	<200	<200	<200	600	500
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
4:2 fluorotelomersulfonic acid	757124-72-4	<0.93	<0.92	<0.93	<0.92	<0.93*	<0.93
6:2 fluorotelomersulfonic acid	27619-97-2	<2.8	<2.8	<2.8	<2.8	<0.93	<2.8
8:2 fluorotelomersulfonic acid	39108-34-4	<1.9	<1.8	<1.9	<1.8	<1.9	<1.9
NEFOSAA	2991-50-6	<0.93	<0.92	<0.93	<0.92	<0.93	<0.93
NEPFOSA	4151-50-2	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
NEtPFOSAE	1691-99-2	<0.93	<0.92	<0.93	<0.92	<0.93	<0.93
NMeFOSAA	2355-31-9	<0.93	<0.92	<0.93	<0.92	<0.93	<0.93
NMePFOSA	31506-32-8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
NMePFOSAE	24448-09-7	<0.93	<0.92	<0.93	<0.92	<0.93	<0.93
Perfluorobutanesulfonic acid	375-73-5	5.4	<0.28	<0.28	<0.28	6.1	5.3
Perfluorobutanoic acid	375-22-4	6.4	<1.8	<1.9	<1.8	7.1	6.2
Perfluorodecanesulfonic acid	335-77-3	<0.56	<0.55	<0.56	<0.55	<0.56	<0.56
Perfluorodecanoic acid	335-76-2	<0.93	<0.92	<0.93	<0.92	<0.93	<0.93
Perfluorododecanesulfonic acid	79780-39-5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluorododecanoic acid	307-55-1	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluoroheptanesulfonic acid	375-92-8	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Perfluoroheptanoic acid	375-85-9	1.2	<0.28	<0.28	<0.28	1.2	1.2
Perfluorohexadecanoic acid	67905-19-5	<0.28	0.39 J	<0.28	<0.28	<0.28	<0.28
Perfluorohexanesulfonic acid	355-46-4	4.2	<0.37	<0.37	<0.37	4.4	3.9
Perfluorohexanoic acid	307-24-4	3.5	<0.37	<0.37	<0.37	4.1	3.6
Perfluorononanesulfonic acid	68259-12-1	<0.56	<0.55	<0.56	<0.55	<0.56	<0.56
Perfluorononanoic acid	375-95-1	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Perfluorooctadecanoic acid	16517-11-6	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluorooctanesulfonamide	754-91-6	<0.93*	<0.92*	<0.93	<0.92*	<0.93*	<0.93
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Perfluorooctanoic acid (PFOA)	335-67-1	1.6	<0.28	<0.28	<0.28	1.7	1.7
Perfluoropentanesulfonic acid	2706-91-4	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Perfluoropentanoic acid	2706-90-3	8.1	<1.8	<1.9	<1.8	8.9	7.7
Perfluorotetradecanoic acid	376-06-7	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluorotridecanoic acid	72629-94-8	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluoroundecanoic acid	2058-94-8	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
 <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
 Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		MDL	MDL	PQL	PQL	PQL	PQL
Sample Location		Final Data	Final Data	Final Data	Final Data	Final Data	Final Data
Date Sampled		After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister
HFPO-DA (ng/L)†	CAS Number	26-Apr-18	26-Apr-18	10-May-18	10-May-18	10-May-18	10-May-18
HFPO-DA	13252-13-6	0.59 J	0.52 J	190 J	210	<0.97*	<0.96*
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	200	200	<200	<200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	<200	<200	500	500	<200	<200
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<2.7	<2.8	<8.2	<8.2	<8.3	<8
4:2 fluorotelomersulfonic acid	757124-72-4	<0.89	<0.93	<2.7	<2.7	<2.8	<2.7
6:2 fluorotelomersulfonic acid	27619-97-2	<2.7	<2.8	<1.8	<1.8	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<1.8	<1.9	<5.5	<5.5	<5.5	<5.3
NEFOSAA	2991-50-6	<0.89	<0.93	<2.7	<2.7	<2.8	<2.7
NEtPFOSA	4151-50-2	<2.7	<2.8	<8.2	<8.2	<8.3	<8
NEtPFOSAE	1691-99-2	<0.89	<0.93	<2.7	<2.7	<2.8	<2.7
NMeFOSAA	2355-31-9	<0.89	<0.93	<2.7	<2.7	<2.8	<2.7
NMePFOSA	31506-32-8	<2.7	<2.8	<8.2	<8.2	<8.3	<8
NMePFOSAE	24448-09-7	<0.89	<0.93	<2.7	<2.7	<2.8	<2.7
Perfluorobutanesulfonic acid	375-73-5	<0.27	<0.28	5.5	6.1	<0.92	<0.89
Perfluorobutanoic acid	375-22-4	<1.9	<1.9	6.7	7.1	<5.5	<5.3
Perfluorodecanesulfonic acid	335-77-3	<0.54	<0.56	<1.8	<1.8	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<0.89	<0.93	<1.8	<1.8	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.27	<0.28	<0.91	<0.91	<0.92	<0.89
Perfluorododecanoic acid	307-55-1	<0.27	<0.28	<0.91	<0.91	<0.92	<0.89
Perfluoroheptanesulfonic acid	375-92-8	<0.36	<0.37	<1.8	<1.8	<1.8	<1.8
Perfluoroheptanoic acid	375-85-9	<0.27	<0.28	1.2	1.4	<0.92	<0.89
Perfluorohexadecanoic acid	67905-19-5	<0.27	<0.28	<0.91	<0.91	<0.92	<0.89
Perfluorohexanesulfonic acid	355-46-4	<0.36	<0.37	3.7	4.3	<1.8	<1.8
Perfluorohexanoic acid	307-24-4	<0.36	<0.37	3.6	4	<1.8	<1.8
Perfluorononanesulfonic acid	68259-12-1	<0.54	<0.56	<1.8	<1.8	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<0.36	<0.37	<1.8	<1.8	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<0.27	<0.28	<0.91	<0.91	<0.92	<0.89
Perfluorooctanesulfonamide	1754-91-6	<0.89*	<0.93*	<2.7	<2.7	<2.8	<2.7*
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<0.36	<0.37	<1.8	<1.8	<1.8	2
Perfluorooctanoic acid (PFOA)	335-67-1	<0.27	<0.28	1.7	1.9	<0.92	1.4
Perfluoropentanesulfonic acid	2706-91-4	<0.36	<0.37	<1.8	<1.8	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	<1.8	<1.9	8.2	9.5	<5.5	<5.3
Perfluorotetradecanoic acid	376-06-7	<0.27	<0.28	<0.91	<0.91	<0.92	2
Perfluorotridecanoic acid	72629-94-8	<0.27	<0.28	<0.91	<0.91	<0.92	<0.89
Perfluoroundecanoic acid	2058-94-8	<0.36	<0.37	<1.8	<1.8	<1.8	<1.8

Notes:

-- compound not analyzed for
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 PQL - practical quantitation limit

Legend:

Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:

1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
Sample Location		Final Data	Final Data	Final Data	Final Data	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Date Sampled		Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter
HFPO-DA (ng/L)†	CAS Number	24-May-18	24-May-18	24-May-18	24-May-18	7-Jun-18	7-Jun-18
HFPO-DA	13252-13-6	150 J	160 J	<0.90*	<0.92*	170	180
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	200	<200	<200	200	200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	500	500	<200	<200	500	550
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<8.6	<8.5	<8.6	<8.8	<8.1	<8.2
4:2 fluorotelomersulfonic acid	757124-72-4	<2.9	<2.8	<2.9	<2.9	<2.7	<2.7
6:2 fluorotelomersulfonic acid	27619-97-2	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.7	<5.7	<5.7	<5.8	<5.4	<5.5
NEFOSAA	2991-50-6	<2.9	<2.9	<2.9	<2.9	<2.7	<2.7
NEPFOSA	4151-50-2	<8.6*	<8.5*	<8.6*	<8.8*	<8.1	<8.2
NEtPFOSAE	1691-99-2	<2.9	<2.8*	<2.9*	<2.9*	<2.7	<2.7
NMeFOSAA	2355-31-9	<2.9	<2.8	<2.9	<2.9	<2.7	<2.7
NMePFOSAA	31506-32-8	<8.6*	<8.5*	<8.6*	<8.8*	<8.1	<8.2
NMePFOSAE	24448-09-7	<2.9	<2.8*	<2.9	<2.9*	<2.7	<2.7
Perfluorobutanesulfonic acid	375-73-5	6.3	6.2	<0.95	<0.97	6.0	6.6
Perfluorobutanoic acid	375-22-4	7.3	7.2	<5.7	<5.8	7.2	7.3
Perfluorodecanesulfonic acid	335-77-3	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.95	<0.94	<0.95	<0.97	<0.90	<0.91
Perfluorododecanoic acid	307-55-1	<0.95	<0.94	<0.95	<0.97	<0.90	<0.91
Perfluoroheptanesulfonic acid	375-92-8	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoroheptanoic acid	375-85-9	1.2	1.1	<0.95	<0.97	1.3	1.5
Perfluorohexadecanoic acid	67905-19-5	<0.95	<0.94	<0.95	<0.97	<0.90	<0.91
Perfluorohexanesulfonic acid	355-46-4	4.1	5.1	<1.9	<1.9	4.2	4.9
Perfluorohexanoic acid	307-24-4	4.2	4.2	<1.9	<1.9	4.2	4.6
Perfluorononanesulfonic acid	68259-12-1	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<0.95	<0.94	<0.95	<0.97*	<0.90	<0.91
Perfluorooctanesulfonamide	754-91-6	<2.9	<2.8	<2.9	<2.9*	<2.7	<2.7
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.9	<1.9	<1.9	<1.9	<1.8	2.5
Perfluorooctanoic acid (PFOA)	335-67-1	1.9	2.6	<0.95	<0.97	1.9	2.2
Perfluoropentanesulfonic acid	2706-91-4	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	9.2	8.9 J	<5.7	<5.8	8.9	9.2
Perfluorotetradecanoic acid	376-06-7	<0.95	<0.94	<0.95	<0.97	<0.90	<0.91
Perfluorotridecanoic acid	72629-94-8	<0.95	<0.94	<0.95	<0.97	<0.90	<0.91
Perfluoroundecanoic acid	2058-94-8	<1.9	<1.9	<1.9	<1.9	<1.8	<1.8

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
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 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
 Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

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RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Sample Location		After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister
Date Sampled		7-Jun-18	7-Jun-18	21-Jun-18	21-Jun-18	21-Jun-18	21-Jun-18
HFPO-DA (ng/L)†	CAS Number						
HFPO-DA	13252-13-6	<0.93	<0.94	170	180	<0.88	2.2
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	230	230	<200	<200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	<200	<200	480	490	<200	<200
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<8.1	<8.1	<7.9	<8.0	<7.9	<8.1
4:2 fluorotelomersulfonic acid	757124-72-4	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
6:2 fluorotelomersulfonic acid	27619-97-2	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.4	<5.4	<5.3	<5.3	<5.3	<5.4
NEFOSAA	2991-50-6	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
NEtPFOSA	4151-50-2	<8.1	<8.1	<7.9	<8.0	<7.9	<8.1
NEtPFOSAE	1691-99-2	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
NMeFOSAA	2355-31-9	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
NMePFOSAA	31506-32-8	<8.1	<8.1	<7.9	<8.0	<7.9	<8.1
NMePFOSAE	24448-09-7	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
Perfluorobutanesulfonic acid	375-73-5	<0.90	<0.90	6.4	6.5	<0.88	<0.90
Perfluorobutanoic acid	375-22-4	<5.4	<5.4	8.1	7.8	<5.3	<5.4
Perfluorodecanesulfonic acid	335-77-3	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.90	<0.90	<0.88	<0.89	<0.88	<0.90
Perfluorododecanoic acid	307-55-1	<0.90	<0.90	<0.88	<0.89	<0.88	<0.90
Perfluorohexanesulfonic acid	375-92-8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorohexanoic acid	375-85-9	<0.90	<0.90	1.3	1.4	<0.88	<0.90
Perfluorohexadecanoic acid	67905-19-5	<0.90	<0.90	<0.88 B	<0.89	<0.88	<0.90
Perfluorohexanesulfonic acid	355-46-4	<1.8	<1.8	4.8	5.0	<1.8	<1.8
Perfluorohexanoic acid	307-24-4	<1.8	<1.8	4.4	4.3	<1.8	<1.8
Perfluorononanesulfonic acid	68259-12-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<0.90	<0.90	<0.88	<0.89	<0.88	<0.90
Perfluorooctanesulfonamide	754-91-6	<2.7	<2.7	<2.6	<2.7	<2.6	<2.7
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorooctanoic acid (PFOA)	335-67-1	<0.90	<0.90	2.3	2.3	<0.88	<0.90
Perfluoropentanesulfonic acid	2706-91-4	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	<5.4	<5.4	9.7	9.6	<5.3	<5.4
Perfluorotetradecanoic acid	376-06-7	<0.90	<0.90	<0.88	<0.89	<0.88	<0.90
Perfluorotridecanoic acid	72629-94-8	<0.90	<0.90	<0.88	<0.89	<0.88	<0.90
Perfluoroundecanoic acid	2058-94-8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
 <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
Detected above the quantitation limit
Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study		PQL		PQL		PQL		PQL	
Reporting to MDL / PQL		Preliminary Data ^{Note 1}		Preliminary Data ^{Note 1}		Preliminary Data ^{Note 1}		Preliminary Data ^{Note 1}	
Data Status		Raw Water		After Iron Filter		After First Carbon Canister		After Second Carbon Canister	
Sample Location		5-Jul-18		5-Jul-18		5-Jul-18		5-Jul-18	
Date Sampled		19-Jul-18		19-Jul-18		19-Jul-18		19-Jul-18	
HFPO-DA (ng/L)†	CAS Number								
HFPO-DA	13252-13-6	160	180	<0.88	<0.90	160	160		
Table 3 Compounds (ng/L)†									
PEPA		<200	<200	<200	<200	<200	<200		<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200		<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200		<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200		<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200		<200
PFO2HXA	39492-88-1	210	210	<200	<200	<200	210		210
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200		<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200		<200
PMPA	13140-29-9	520	550	<200	<200	530	540		540
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200		<200
PFAS (ng/L)†									
10:2 fluorotelomersulfonic acid	120226-60-0	<9.1				<8.0	<7.9		<7.8
4:2 fluorotelomersulfonic acid	757124-72-4	<3.0				<2.7	<2.6		<2.6
6:2 fluorotelomersulfonic acid	27619-97-2	<2.0				<1.8	<1.8		<1.7
8:2 fluorotelomersulfonic acid	39108-34-4	<6.0				<5.4	<5.3		<5.2
NEtFOSAA	2991-50-6	<3.0				<2.7	<2.6		<2.6
NEtPFOSA	4151-50-2	<9.1				<8.0	<7.9		<7.8
NEtPFOSAE	1691-99-2	<3.0				<2.7	<2.6		<2.6
NMeFOSAA	2355-31-9	<3.0				<2.7	<2.6		<2.6
NMePFOSAA	31506-32-8	<9.1				<8.0	<7.9		<7.8
NMePFOSAE	24448-09-7	<3.0				<2.7	<2.6		<2.6
Perfluorobutanesulfonic acid	375-73-5	6.7				<0.89	5.2		5.6
Perfluorobutanoic acid	375-22-4	7.7				<5.4	6.1		6.5
Perfluorodecanesulfonic acid	335-77-3	<2.0				<1.8	<1.8		<1.7
Perfluorodecanoic acid	335-76-2	<2.0				<1.8	<1.8		<1.7
Perfluorododecanesulfonic acid	79780-39-5	<1.0				<0.89	<0.88		<0.87
Perfluorododecanoic acid	307-55-1	<2.0				<1.8	<1.8		<1.7
Perfluoroheptanesulfonic acid	375-92-8	<2.0				<1.8	<1.8		<1.7
Perfluoroheptanoic acid	375-85-9	1.4				<0.89	1.2		1.3
Perfluorohexadecanoic acid	67905-19-5	<1.0				<0.89	<0.88		<0.87
Perfluorohexanesulfonic acid	355-46-4	5.5				<1.8	3.8		4.6
Perfluorohexanoic acid	307-24-4	4.7				<1.8	3.6		3.6
Perfluorononanesulfonic acid	68259-12-1	<2.0				<1.8	<1.8		<1.7
Perfluorononanoic acid	375-95-1	<2.0				<1.8	<1.8		<1.7
Perfluorooctadecanoic acid	16517-11-6	<2.0				<1.8	<1.8		<1.7
Perfluorooctanesulfonamide	754-91-6	<3.0				<2.7	<2.6		<2.6
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<2.0				<1.8	<1.8		<1.7
Perfluorooctanoic acid (PFOA)	335-67-1	2.3				<0.89	1.9		2.3
Perfluoropentanesulfonic acid	2706-91-4	<2.0				<1.8	<1.8		<1.7
Perfluoropentanoic acid	2706-90-3	10				<5.4	8.1		8.3
Perfluorotetradecanoic acid	376-06-7	<1.0				<0.89	<0.88		<0.87
Perfluorotridecanoic acid	72629-94-8	<1.0				<0.89	<0.88		<0.87
Perfluoroundecanoic acid	2058-94-8	<2.0				<1.8	<1.8		<1.7

- Potential PFAS Sample Collection Error^{Note 2} -

- Potential PFAS Sample Collection Error^{Note 2} -

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
 <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
 Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Sample Location		After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister
Date Sampled		19-Jul-18	19-Jul-18	2-Aug-18	2-Aug-18	2-Aug-18	2-Aug-18
HFPO-DA (ng/L)†	CAS Number						
HFPO-DA	13252-13-6	<0.88	<0.88	140	120	<0.86	<0.87
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	210	210	<200	<200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	<200	<200	520	470	<200	<200
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<7.9	<8.0	<7.9	<7.9	<8.0	<7.9
4:2 fluorotelomersulfonic acid	757124-72-4	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
6:2 fluorotelomersulfonic acid	27619-97-2	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.2	<5.3	<5.2	<5.3	<5.3	<5.3
NEFOSAA	2991-50-6	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
NEtPFOSA	4151-50-2	<7.9	<8.0	<7.9	<7.9	<8.0	<7.9
NEtPFOSAE	1691-99-2	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
NMeFOSAA	2355-31-9	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
NMePFOSAA	31506-32-8	<7.9	<8.0	<7.9	<7.9	<8.0	<7.9
NMePFOSAE	24448-09-7	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
Perfluorobutanesulfonic acid	375-73-5	<0.87	<0.89	5.4	5.6	<0.89	<0.88
Perfluorobutanoic acid	375-22-4	<5.2	<5.3	6.6	6.8	<5.3	<5.3
Perfluorodecanesulfonic acid	335-77-3	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.87	<0.89	<0.87	<0.88	<0.89	<0.88
Perfluorododecanoic acid	307-55-1	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluoroheptanesulfonic acid	375-92-8	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluoroheptanoic acid	375-85-9	<0.87	<0.89	1.3	1.3	<0.89	<0.88
Perfluorohexadecanoic acid	67905-19-5	<0.87	<0.89	<0.87	<0.88	<0.89	<0.88
Perfluorohexanesulfonic acid	355-46-4	<1.7	<1.8	4.0	4.6	<1.8	<1.8
Perfluorohexanoic acid	307-24-4	<1.7	<1.8	4.0	4.0	<1.8	<1.8
Perfluorononanesulfonic acid	68259-12-1	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorooctanesulfonamide	754-91-6	<2.6	<2.7	<2.6	<2.6	<2.7	<2.6
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluorooctanoic acid (PFOA)	335-67-1	<0.87	<0.89	2.2	2.0	<0.89	<0.88
Perfluoropentanesulfonic acid	2706-91-4	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	<5.2	<5.3	8.9	8.4	<5.3	<5.3
Perfluorotetradecanoic acid	376-06-7	<0.87	<0.89	<0.87	<0.88	<0.89	<0.88
Perfluorotridecanoic acid	72629-94-8	<0.87	<0.89	<0.87	<0.88	<0.89	<0.88
Perfluoroundecanoic acid	2058-94-8	<1.7	<1.8	<1.7	<1.8	<1.8	<1.8

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
 <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
Detected above the quantitation limit
Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
Sample Location		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Date Sampled		Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter
HFPO-DA (ng/L)†	CAS Number	16-Aug-18	16-Aug-18	16-Aug-18	16-Aug-18	30-Aug-18	30-Aug-18
HFPO-DA	13252-13-6	170	170	<0.86	<0.90	150	160
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	220	<200	<200	<200	210
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	420	480	<200	<200	510	560
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<7.8	<7.8	<8.1	<7.8	<2.6	<2.6
4:2 fluorotelomersulfonic acid	757124-72-4	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
6:2 fluorotelomersulfonic acid	27619-97-2	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.2	<5.2	<5.4	<5.2	<5.3	<5.3
NEFOSAA	2991-50-6	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
NEtPFOSA	4151-50-2	<7.8	<7.8	<8.1	<7.8	<7.9	<7.9
NEtPFOSAE	1691-99-2	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
NMeFOSAA	2355-31-9	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
NMePFOSA	31506-32-8	<7.8	<7.8	<8.1	<7.8	<7.9	<7.9
NMePFOSAE	24448-09-7	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
Perfluorobutanesulfonic acid	375-73-5	5.4	5.7	<0.90	<0.87	5.3	5.4
Perfluorobutanoic acid	375-22-4	6.7	6.7	<5.4	<5.2	6.5	6.6
Perfluorodecanesulfonic acid	335-77-3	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.87	<0.86	<0.90	<0.87	<0.88	<0.88
Perfluorododecanoic acid	307-55-1	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluoroheptanesulfonic acid	375-92-8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluoroheptanoic acid	375-85-9	1.2	1.2	<0.90	<0.87	1.2	1.2
Perfluorohexadecanoic acid	67905-19-5	<0.87	<0.86	<0.90	<0.87	<0.88	<0.88
Perfluorohexanesulfonic acid	355-46-4	4.5	4.7	<1.8	<1.7	4.6	4.4
Perfluorohexanoic acid	307-24-4	4.1	3.9	<1.8	<1.7	4.1	4.1
Perfluorononanesulfonic acid	68259-12-1	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorooctanesulfonamide	754-91-6	<2.6	<2.6	<2.7	<2.6	<2.6	<2.6
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluorooctanoic acid (PFOA)	335-67-1	2.0	2.2	<0.90	<0.87	2.0	2.2
Perfluoropentanesulfonic acid	2706-91-4	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	8.7	8.7	<5.4	<5.2	8.5	8.6
Perfluorotetradecanoic acid	376-06-7	<0.87	<0.86	<0.90	<0.87	<0.88	<0.88
Perfluorotridecanoic acid	72629-94-8	<0.87	<0.86	<0.90	<0.87	<0.88	<0.88
Perfluoroundecanoic acid	2058-94-8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.8

Notes:
 -- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
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 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:
 Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:
 1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Sample Location		After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister
Date Sampled		30-Aug-18	30-Aug-18	27-Sep-18	27-Sep-18	27-Sep-18	27-Sep-18
HFPO-DA (ng/L)†	CAS Number						
HFPO-DA	13252-13-6	<0.89	<0.91	200	210	<1.7	<1.7
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	250	240	<200	<200
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	<200	<200	400	420	<200	<200
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
4:2 fluorotelomersulfonic acid	757124-72-4	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
6:2 fluorotelomersulfonic acid	27619-97-2	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
8:2 fluorotelomersulfonic acid	39108-34-4	<5.3	<5.2	<5.3	<5.3	<5.2	<5.2
NEFOSAA	2991-50-6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
NEtPFOSA	4151-50-2	<7.9	<7.9	<7.9	<7.9	<7.9	<7.8
NEtPFOSAE	1691-99-2	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
NMeFOSAA	2355-31-9	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
NMePFOSA	31506-32-8	<7.9	<7.9	<7.9	<7.9	<7.9	<7.8
NMePFOSAE	24448-09-7	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
Perfluorobutanesulfonic acid	375-73-5	<0.88	<0.87	4.3	4.6	<0.87	<0.87
Perfluorobutanoic acid	375-22-4	<5.2	<5.2	5.8	6.2	<5.2	<5.2
Perfluorodecanesulfonic acid	335-77-3	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorodecanoic acid	335-76-2	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorododecanesulfonic acid	79780-39-5	<0.88	<0.87	<0.88	<0.88	<0.87	<0.87
Perfluorododecanoic acid	307-55-1	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluoroheptanesulfonic acid	375-92-8	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluoroheptanoic acid	375-85-9	<0.88	<0.87	1.2	1.3	<0.87	<0.87
Perfluorohexadecanoic acid	67905-19-5	<0.88	<0.87	<0.88	<0.88	<0.87	<0.87
Perfluorohexanesulfonic acid	355-46-4	<1.8	<1.7	3.6	4.1	<1.7	<1.7
Perfluorohexanoic acid	307-24-4	<1.8	<1.7	3.8	4.1	<1.7	<1.7
Perfluorononanesulfonic acid	68259-12-1	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorononanoic acid	375-95-1	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorooctadecanoic acid	16517-11-6	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorooctanesulfonamide	754-91-6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluorooctanoic acid (PFOA)	335-67-1	<0.88	<0.87	1.6	1.9	<0.87	<0.87
Perfluoropentanesulfonic acid	2706-91-4	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7
Perfluoropentanoic acid	2706-90-3	<5.3	<5.2	7.7	8.3	<5.2	<5.2
Perfluorotetradecanoic acid	376-06-7	<0.88	<0.87	<0.88	<0.88	<0.87	<0.87
Perfluorotridecanoic acid	72629-94-8	<0.88	<0.87	<0.88	<0.88	<0.87	<0.87
Perfluoroundecanoic acid	2058-94-8	<1.8	<1.7	<1.8	<1.8	<1.7	<1.7

Notes:

- compound not analyzed for
- * - compound was not detected above MDL or PQL; MDL or PQL are estimated
- <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
- † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
- ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
- B - compound detected in method blank
- J - indicates estimated value
- MDL - method detection limit
- ng/L - nanogram per liter
- PFAS - per- and polyfluoroalkyl substances
- PQL - practical quantitation limit

Legend:

- Detected above the quantitation limit
- Non-detect in samples after canisters

Notes Continued:

- 1 - Data have not been validated.
- 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study							
Reporting to MDL / PQL							
Data Status		PQL	PQL	PQL	PQL	PQL	PQL
Sample Location		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Date Sampled		Raw Water	After Iron Filter	After First Carbon Canister	After Second Carbon Canister	Raw Water	After Iron Filter
HFPO-DA (ng/L)†	CAS Number	10-Oct-18	10-Oct-18	10-Oct-18	10-Oct-18	25-Oct-18	25-Oct-18
HFPO-DA	13252-13-6	200	220	<1.8	<1.8	150	160
Table 3 Compounds (ng/L)†							
PEPA		<200	<200	<200	<200	<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200	<200	<200	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200	<200	<200	<200	<200
PFESA-BP2	749836-20-2	<200	<200	<200	<200	<200	<200
PFMOAA	674-13-5	<200	<200	<200	<200	<200	<200
PFO2HXA	39492-88-1	<200	<200	<200	<200	<200	210
PFO3OA	39492-89-2	<200	<200	<200	<200	<200	<200
PFO4DA	39492-90-5	<200	<200	<200	<200	<200	<200
PMPA	13140-29-9	350	340	<200	<200	360	400
TAFN4	39492-91-6	<200	<200	<200	<200	<200	<200
PFAS (ng/L)†							
10:2 fluorotelomersulfonic acid	120226-60-0	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
4:2 fluorotelomersulfonic acid	757124-72-4	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
6:2 fluorotelomersulfonic acid	27619-97-2	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.5	<5.3	<5.3	<5.3	<5.4	<5.3
NEtFOSAA	2991-50-6	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
NEtPFOSA	4151-50-2	<8.2	<7.9	<7.9	<8.0	<8.2	<8.0
NEtPFOSAE	1691-99-2	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
NMeFOSAA	2355-31-9	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
NMePFOSAA	31506-32-8	<8.2	<7.9	<7.9	<8.0	<8.2	<8.0
NMePFOSAE	24448-09-7	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
Perfluorobutanesulfonic acid	375-73-5	5.5	5.8	<0.88	<0.89	5.1	5.5
Perfluorobutanoic acid	375-22-4	7.1	7.6	<5.3	<5.3	6.4	6.3
Perfluorodecanesulfonic acid	335-77-3	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorodecanoic acid	335-76-2	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorododecanesulfonic acid	79780-39-5	<0.91	<0.88	<0.88	<0.89	<0.91	<0.89
Perfluorododecanoic acid	307-55-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluoroheptanesulfonic acid	375-92-8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluoroheptanoic acid	375-85-9	1.5	1.7	<0.88	<0.89	1.4	1.3
Perfluorohexadecanoic acid	67905-19-5	<0.91	<0.88	<0.88	<0.89	<0.91	<0.89
Perfluorohexanesulfonic acid	355-46-4	5.0	5.4	<1.8	<1.8	4.8	4.7
Perfluorohexanoic acid	307-24-4	4.3	4.9	<1.8	<1.8	4.3	4.6
Perfluorononanesulfonic acid	68259-12-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorononanoic acid	375-95-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorooctadecanoic acid	16517-11-6	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorooctanesulfonamide	754-91-6	<2.7	<2.6	<2.6	<2.7	<2.7	<2.7
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorooctanoic acid (PFOA)	335-67-1	2.5	2.8	<0.88	<0.89	2.2	2.5
Perfluoropentanesulfonic acid	2706-91-4	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluoropentanoic acid	2706-90-3	9.2	9.8	<5.3	<5.3	8.5	8.4
Perfluorotetradecanoic acid	376-06-7	<0.91	<0.88	<0.88	<0.89	<0.91	<0.89
Perfluorotridecanoic acid	72629-94-8	<0.91	<0.88	<0.88	<0.89	<0.91	<0.89
Perfluoroundecanoic acid	2058-94-8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8

Notes:

-- compound not analyzed for
 * - compound was not detected above MDL or PQL; MDL or PQL are estimated
 <value - compound was not detected above MDL or PQL; value listed is MDL or PQL
 † nanograms per liter (ng/L) are equivalent to parts per trillion (ppt).
 ‡ Raw water sample ID labeled with "O" rather than "R" at end of sample name.
 B - compound detected in method blank
 J - indicates estimated value
 MDL - method detection limit
 ng/L - nanogram per liter
 PFAS - per- and polyfluoroalkyl substances
 PQL - practical quantitation limit

Legend:

Detected above the quantitation limit
 Non-detect in samples after canisters

Notes Continued:

1 - Data have not been validated.
 2 - Results for the July 5, 2018 PFAS sample collected after the iron filter were inconsistent with other data for this location and suggested a potential sampling error. All July 5, 2018 samples (HFPO-DA, Table 3 and PFAS) collected for this location after the second carbon unit were non-detect. This location was sampled again on 19 July 2018.

SAMPLING SITE 48
RESIDENTIAL WELL CARBON PILOT HFPO-DA, TABLE 3 and PFAS CONCENTRATIONS
Chemours Fayetteville Works, North Carolina

Location 48: Carbon Pilot Study			
Reporting to MDL / PQL		PQL	PQL
Data Status		Preliminary Data ^{Note 1}	Preliminary Data ^{Note 1}
Sample Location		After First Carbon Canister	After Second Carbon Canister
Date Sampled		25-Oct-18	25-Oct-18
HFPO-DA (ng/L)†	CAS Number		
HFPO-DA	13252-13-6	<1.8	<1.8
Table 3 Compounds (ng/L)†			
PEPA		<200	<200
PFECA-G	174767-10-3; 801212-59-9	<200	<200
PFESA-BP1	66796-30-3; 29311-67-9	<200	<200
PFESA-BP2	749836-20-2	<200	<200
PFMOAA	674-13-5	<200	<200
PFO2HXA	39492-88-1	<200	<200
PFO3OA	39492-89-2	<200	<200
PFO4DA	39492-90-5	<200	<200
PMPA	13140-29-9	<200	<200
TAFN4	39492-91-6	<200	<200
PFAS (ng/L)†			
10:2 fluorotelomersulfonic acid	120226-60-0	<2.6	<2.6
4:2 fluorotelomersulfonic acid	757124-72-4	<2.6	<2.6
6:2 fluorotelomersulfonic acid	27619-97-2	<1.7	<1.8
8:2 fluorotelomersulfonic acid	39108-34-4	<5.2	<5.3
NEtFOSAA	2991-50-6	<2.6	<2.6
NEtPFOSA	4151-50-2	<7.8	<7.9
NEtPFOSAE	1691-99-2	<2.6	<2.6
NMeFOSAA	2355-31-9	<2.6	<2.6
NMePFOSA	31506-32-8	<7.8	<7.9
NMePFOSAE	24448-09-7	<2.6	<2.6
Perfluorobutanesulfonic acid	375-73-5	<0.87	<0.88
Perfluorobutanoic acid	375-22-4	<5.2	<5.3
Perfluorodecanesulfonic acid	335-77-3	<1.7	<1.8
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Perfluoroheptanoic acid	375-85-9	<0.87	<0.88
Perfluorohexadecanoic acid	67905-19-5	<0.87	<0.88
Perfluorohexanesulfonic acid	355-46-4	<1.7	<1.8
Perfluorohexanoic acid	307-24-4	<1.7	<1.8
Perfluorononanesulfonic acid	68259-12-1	<1.7	<1.8
Perfluorononanoic acid	375-95-1	<1.7	<1.8
Perfluorooctadecanoic acid	16517-11-6	<1.7	<1.8
Perfluorooctanesulfonamide	754-91-6	<2.6	<2.6
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<1.7	<1.8
Perfluorooctanoic acid (PFOA)	335-67-1	<0.87	<0.88
Perfluoropentanesulfonic acid	2706-91-4	<1.7	<1.8
Perfluoropentanoic acid	2706-90-3	<5.2	<5.3
Perfluorotetradecanoic acid	376-06-7	<0.87	<0.88
Perfluorotridecanoic acid	72629-94-8	<0.87	<0.88
Perfluoroundecanoic acid	2058-94-8	<1.7	<1.8

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- Detected above the quantitation limit
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