

Sample ID	SG1-INFLUENT-180118
Sample Date	1/18/2018 9:45:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415920
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	INFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	9	U	N		9	9	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	U	N		Yes
	NEtFOSAA	2991-50-6	T	1		1	3	U	N		3	3	U	N		Yes
	NMeFOSAA	2355-31-9	T	1		1	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1	1	0.3	1		Y	1	1	1	J	Y	IS	Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		1	2	U	N		2	2	U	N		Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1	12	0.3	1		Y	12	1	1		Y		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1	12	0.4	2		Y	12	2	2		Y		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1	4	0.4	2		Y	4	2	2	J	Y	PJ	Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	10	440	3	10		Y	440	10	10		Y		Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	UJ	N	IS	Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	1	U	N		1	1	U	N		Yes
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-INFLUENT-180118
Sample Date	1/18/2018 9:45:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415920
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	INFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		1	3	U	N		3	3	U	N		Yes

Sample ID	SG1-MIDFLUENT-180118
Sample Date	1/18/2018 9:50:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415921
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	MIDFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	8	U	N		8	8	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	U	N		Yes
	NEtFOSAA	2991-50-6	T	1		0.9	3	U	N		3	3	U	N		Yes
	NMeFOSAA	2355-31-9	T	1		0.9	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		0.9	2	U	N		2	2	UJ	N	IS	Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1		0.4	2	U	N		2	2	UJ	N	IS	Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	1		0.3	0.9	U	N		0.9	0.9	UJ	N	IS	Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-MIDFLUENT-180118
Sample Date	1/18/2018 9:50:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415921
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	MIDFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		0.9	3	U	N		3	3	U	N		Yes

Sample ID	SG1-EFFLUENT-180118
Sample Date	1/18/2018 10:00:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415924
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	EFFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	9	U	N		9	9	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	U	N		Yes
	NEtFOSAA	2991-50-6	T	1		1	3	U	N		3	3	U	N		Yes
	NMeFOSAA	2355-31-9	T	1		1	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		1	2	U	N		2	2	U	N		Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	1	U	N		1	1	U	N		Yes
Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	1	U	N		1	1	U	N		Yes	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-EFFLUENT-180118
Sample Date	1/18/2018 10:00:00 AM
Sample Type	N
Parent Sample ID	
Sample Matrix	WP
Lab Sample ID	9415924
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	EFFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		1	3	U	N		3	3	U	N		Yes

Sample ID	SG1-FD01-180118
Sample Date	1/18/2018 12:00:00 AM
Sample Type	FD
Parent Sample ID	SG1-EFFLUENT-180118
Sample Matrix	WP
Lab Sample ID	9415925
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	EFFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	8	U	N		8	8	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	U	N		Yes
	NEtFOSAA	2991-50-6	T	1		0.9	3	U	N		3	3	U	N		Yes
	NMeFOSAA	2355-31-9	T	1		0.9	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		0.9	2	U	N		2	2	UJ	N	IS	Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes
Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	0.9	U	N		0.9	0.9	U	N		Yes	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-FD01-180118
Sample Date	1/18/2018 12:00:00 AM
Sample Type	FD
Parent Sample ID	SG1-EFFLUENT-180118
Sample Matrix	WP
Lab Sample ID	9415925
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	EFFLUENT
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		0.9	3	U	N		3	3	U	N		Yes

Sample ID	SG1-FTB03-180118
Sample Date	1/18/2018 2:30:00 PM
Sample Type	FB
Parent Sample ID	
Sample Matrix	WQ
Lab Sample ID	9415926
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	QC
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	9	U	N		9	9	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	U	N		Yes
	NEtFOSAA	2991-50-6	T	1		1	3	U	N		3	3	U	N		Yes
	NMeFOSAA	2355-31-9	T	1		1	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		1	2	U	N		2	2	U	N		Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	1	U	N		1	1	U	N		Yes
Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	1	U	N		1	1	U	N		Yes	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-FTB03-180118
Sample Date	1/18/2018 2:30:00 PM
Sample Type	FB
Parent Sample ID	
Sample Matrix	WQ
Lab Sample ID	9415926
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	QC
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		1	3	U	N		3	3	U	N		Yes

Sample ID	SG1-LTB03-180118
Sample Date	1/18/2018 12:00:00 AM
Sample Type	TB
Parent Sample ID	
Sample Matrix	WQ
Lab Sample ID	9415927
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	QC
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	6:2 Fluorotelomer sulfonate	27619-97-2	T	1		3	9	U	N		9	9	U	N		Yes
	8:2 Fluorotelomer sulfonate	39108-34-4	T	1		2	6	U	N		6	6	UJ	N	IS	Yes
	NEtFOSAA	2991-50-6	T	1		1	3	U	N		3	3	UJ	N	IS	Yes
	NMeFOSAA	2355-31-9	T	1		1	3	U	N		3	3	U	N		Yes
	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorobutanoic Acid	375-22-4	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorodecane sulfonate (PFDS)	335-77-3	T	1		0.6	2	U	N		2	2	U	N		Yes
	Perfluorodecanoic acid (PFDA)	335-76-2	T	1		1	2	U	N		2	2	UJ	N	IS	Yes
	Perfluorododecanoic acid (PFDoA)	307-55-1	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorohexanoic acid (PFHxA)	307-24-4	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorononanoic acid (PFNA)	375-95-1	T	1		0.4	2	U	N		2	2	U	N		Yes
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	1		0.4	2	U	N		2	2	UJ	N	IS	Yes
	Perfluorooctanoic acid (PFOA)	335-67-1	T	1		0.3	1	U	N		1	1	UJ	N	IS	Yes
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	1		2	6	U	N		6	6	U	N		Yes
	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	1		0.3	1	U	N		1	1	U	N		Yes
	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	T	1		0.3	1	U	N		1	1	U	N		Yes
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	1		0.4	2	U	N		2	2	U	N		Yes	

Sample ID	SG1-LTB03-180118
Sample Date	1/18/2018 12:00:00 AM
Sample Type	TB
Parent Sample ID	
Sample Matrix	WQ
Lab Sample ID	9415927
Analytical Method	E537
Result Unit	ng/l
Fraction	T
Location/Depth	QC
Validated?	Y
Validation Level	CATEGORY B

Result Type	Chemical Name	CAS	T/D	DF	Lab Result	Lab MDL	Lab LOQ	Lab Qualifier	Lab Detect Flag	Final Result	Final MDL	Final LOQ	Final Qualifier	Final Detect Flag	Validation Reason Code	Reportable Result?
TRG	PFOSA	754-91-6	T	1		1	3	U	N		3	3	U	N		Yes