

Client Sample Results

Client: Alabama Dept. Environmental Management
Project/Site: ADEM PFC Sampling

TestAmerica Job ID: 280-85954-1

Client Sample ID: CETNRE-RAW

Lab Sample ID: 280-85954-9

Date Collected: 07/20/16 11:45

Matrix: Water

Date Received: 07/21/16 07:10

Method: PFC -FOSA - FOSA in Water (LC/MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	0.0053	U	0.047	0.0053	ug/L		07/29/16 12:21	08/01/16 19:38	1

Client Sample ID: CETNRE-FINISHED

Lab Sample ID: 280-85954-10

Date Collected: 07/20/16 11:48

Matrix: Water

Date Received: 07/21/16 07:10

Method: DV-LC-0012 - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.074		0.018	0.0075	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorobutanoic acid (PFBA)	0.019		0.018	0.0089	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorodecane sulfonate (PFDS)	0.0083	U	0.018	0.0083	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorodecanoic acid (PFDA)	0.0071	U	0.018	0.0071	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorododecanoic acid (PFDoA)	0.014	U	0.027	0.014	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluoroheptanoic acid (PFHpA)	0.025	J	0.027	0.012	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorohexane Sulfonate (PFHxS)	0.0063	U	0.027	0.0063	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorohexanoic acid (PFHxA)	0.092		0.018	0.0026	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorononanoic acid (PFNA)	0.016	U	0.036	0.016	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorooctanoic acid (PFOA)	0.032		0.018	0.0089	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorooctane Sulfonate (PFOS)	0.043		0.027	0.012	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluoropentanoic acid (PFPA)	0.070		0.027	0.0099	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorotetradecanoic acid (PFTeA)	0.013	U	0.027	0.013	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluorotridecanoic Acid (PFTriA)	0.016	U	0.036	0.016	ug/L		07/28/16 11:25	07/29/16 17:30	1
Perfluoroundecanoic acid (PFUnA)	0.0062	U	0.018	0.0062	ug/L		07/28/16 11:25	07/29/16 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 PFOA	103		60 - 155				07/28/16 11:25	07/29/16 17:30	1
13C8 PFOS	104		45 - 130				07/28/16 11:25	07/29/16 17:30	1

Method: PFC -FOSA - FOSA in Water (LC/MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	0.0055	U	0.048	0.0055	ug/L		07/29/16 12:21	08/01/16 19:50	1

Client Sample ID: CETNRE-RAW

Lab Sample ID: 280-85954-9

Date Collected: 07/20/16 11:45

Matrix: Water

Date Received: 07/21/16 07:10

Method: DV-LC-0012 - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.060		0.020	0.0084	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorobutanoic acid (PFBA)	0.014	J	0.020	0.010	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorodecane sulfonate (PFDS)	0.0093	U	0.020	0.0093	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorodecanoic acid (PFDA)	0.0080	U	0.020	0.0080	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorododecanoic acid (PFDoA)	0.015	U	0.031	0.015	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluoroheptanoic acid (PFHpA)	0.016	J	0.031	0.013	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorohexane Sulfonate (PFHxS)	0.0071	U	0.031	0.0071	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorohexanoic acid (PFHxA)	0.045		0.020	0.0030	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorononanoic acid (PFNA)	0.018	U	0.041	0.018	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorooctanoic acid (PFOA)	0.028		0.020	0.010	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorooctane Sulfonate (PFOS)	0.035		0.031	0.014	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluoropentanoic acid (PFPA)	0.064		0.031	0.011	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorotetradecanoic acid (PFTeA)	0.015	U	0.031	0.015	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluorotridecanoic Acid (PFTriA)	0.018	U	0.041	0.018	ug/L		07/28/16 11:25	07/29/16 17:18	1
Perfluoroundecanoic acid (PFUnA)	0.0070	U	0.020	0.0070	ug/L		07/28/16 11:25	07/29/16 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 PFOA	105		60 - 155				07/28/16 11:25	07/29/16 17:18	1
13C8 PFOS	101		45 - 130				07/28/16 11:25	07/29/16 17:18	1