

Client Sample Results

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

TestAmerica Job ID: 280-85296-1

Client Sample ID: CENTRE-RAW

Lab Sample ID: 280-85296-2

Date Collected: 07/06/16 11:40

Matrix: Water

Date Received: 07/07/16 08:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	0.0054	U	0.047	0.0054	ug/L		07/18/16 12:15	07/19/16 14:27	1

Client Sample ID: CENTRE-FINISHED

Lab Sample ID: 280-85296-3

Date Collected: 07/06/16 11:42

Matrix: Water

Date Received: 07/07/16 08:25

Method: DV-LC-0012 - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.059		0.017	0.0072	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorobutanoic acid (PFBA)	0.018		0.017	0.0086	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorodecane sulfonate (PFDS)	0.0080	U	0.017	0.0080	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorodecanoic acid (PFDA)	0.0068	U	0.017	0.0068	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorododecanoic acid (PFDoA)	0.013	U	0.026	0.013	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluoroheptanoic acid (PFHpA)	0.014	J	0.026	0.012	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorohexane Sulfonate (PFHxS)	0.0061	U	0.026	0.0061	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorohexanoic acid (PFHxA)	0.041		0.017	0.0025	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorononanoic acid (PFNA)	0.015	U	0.035	0.015	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorooctanoic acid (PFOA)	0.025		0.017	0.0085	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorooctane Sulfonate (PFOS)	0.041		0.026	0.012	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluoropentanoic acid (PFPA)	0.064		0.026	0.0095	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorotetradecanoic acid (PFTeA)	0.013	U	0.026	0.013	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluorotridecanoic Acid (PFTriA)	0.015	U	0.035	0.015	ug/L		07/11/16 12:28	07/12/16 13:42	1
Perfluoroundecanoic acid (PFUnA)	0.0060	U	0.017	0.0060	ug/L		07/11/16 12:28	07/12/16 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 PFOA	101		60 - 155				07/11/16 12:28	07/12/16 13:42	1
13C8 PFOS	105		45 - 130				07/11/16 12:28	07/12/16 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	0.0054	U	0.047	0.0054	ug/L		07/18/16 12:15	07/19/16 14:39	1

Client Sample ID: CENTRE-RAW

Lab Sample ID: 280-85296-2

Date Collected: 07/06/16 11:40

Matrix: Water

Date Received: 07/07/16 08:25

Method: DV-LC-0012 - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.059		0.018	0.0076	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorobutanoic acid (PFBA)	0.022		0.018	0.0090	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorodecane sulfonate (PFDS)	0.0084	U	0.018	0.0084	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorodecanoic acid (PFDA)	0.0072	U	0.018	0.0072	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorododecanoic acid (PFDoA)	0.014	U	0.028	0.014	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluoroheptanoic acid (PFHpA)	0.015	J	0.028	0.012	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorohexane Sulfonate (PFHxS)	0.0064	U	0.028	0.0064	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorohexanoic acid (PFHxA)	0.053		0.018	0.0027	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorononanoic acid (PFNA)	0.016	U	0.037	0.016	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorooctanoic acid (PFOA)	0.024		0.018	0.0090	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorooctane Sulfonate (PFOS)	0.030		0.028	0.012	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluoropentanoic acid (PFPA)	0.037		0.028	0.010	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorotetradecanoic acid (PFTeA)	0.014	U	0.028	0.014	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluorotridecanoic Acid (PFTriA)	0.016	U	0.037	0.016	ug/L		07/11/16 12:28	07/12/16 13:30	1
Perfluoroundecanoic acid (PFUnA)	0.0063	U	0.018	0.0063	ug/L		07/11/16 12:28	07/12/16 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 PFOA	105		60 - 155				07/11/16 12:28	07/12/16 13:30	1
13C8 PFOS	103		45 - 130				07/11/16 12:28	07/12/16 13:30	1