

## Client Sample Results

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

TestAmerica Job ID: 280-86951-1

**Client Sample ID: CENTRE- RAW**

**Lab Sample ID: 280-86951-1**

Date Collected: 08/16/16 11:45

Matrix: Water

Date Received: 08/17/16 07:30

**Method: DV-LC-0012 - Perfluorinated Hydrocarbons**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.066		0.019	0.0079	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorobutanoic acid (PFBA)	0.018	J	0.019	0.0094	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorodecane sulfonate (PFDS)	0.0087	U	0.019	0.0087	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorodecanoic acid (PFDA)	0.0075	U	0.019	0.0075	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorododecanoic acid (PFDoA)	0.014	U	0.029	0.014	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluoroheptanoic acid (PFHpA)	0.018	J	0.029	0.013	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorohexane Sulfonate (PFHxS)	0.0067	U	0.029	0.0067	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorohexanoic acid (PFHxA)	0.053		0.019	0.0028	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorononanoic acid (PFNA)	0.017	U	0.038	0.017	ug/L		08/29/16 19:57	09/02/16 06:00	1
<b>Perfluorooctanoic acid (PFOA)</b>	<b>0.033</b>		0.019	0.0094	ug/L		08/29/16 19:57	09/02/16 06:00	1
<b>Perfluorooctane Sulfonate (PFOS)</b>	<b>0.039</b>		0.029	0.013	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluoropentanoic acid (PFPA)	0.087		0.029	0.010	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorotetradecanoic acid (PFTeA)	0.014	U	0.029	0.014	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluorotridecanoic Acid (PFTriA)	0.017	U	0.038	0.017	ug/L		08/29/16 19:57	09/02/16 06:00	1
Perfluoroundecanoic acid (PFUnA)	0.0066	U	0.019	0.0066	ug/L		08/29/16 19:57	09/02/16 06:00	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
13C8 PFOA	118		60 - 155				08/29/16 19:57	09/02/16 06:00	1
13C8 PFOS	103		45 - 130				08/29/16 19:57	09/02/16 06:00	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		08/30/16 20:25	08/31/16 20:50	1

**Client Sample ID: CENTRE- FINISHED**

**Lab Sample ID: 280-86951-2**

Date Collected: 08/16/16 11:47

Matrix: Water

Date Received: 08/17/16 07:30

**Method: DV-LC-0012 - Perfluorinated Hydrocarbons**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutane Sulfonate (PFBS)	0.067		0.019	0.0078	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorobutanoic acid (PFBA)	0.017	J	0.019	0.0093	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorodecane sulfonate (PFDS)	0.0087	U	0.019	0.0087	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorodecanoic acid (PFDA)	0.0074	U	0.019	0.0074	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorododecanoic acid (PFDoA)	0.014	U	0.028	0.014	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluoroheptanoic acid (PFHpA)	0.015	J	0.028	0.013	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorohexane Sulfonate (PFHxS)	0.0066	U	0.028	0.0066	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorohexanoic acid (PFHxA)	0.043		0.019	0.0028	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorononanoic acid (PFNA)	0.016	U	0.038	0.016	ug/L		08/29/16 19:57	09/02/16 06:13	1
<b>Perfluorooctanoic acid (PFOA)</b>	<b>0.031</b>		0.019	0.0093	ug/L		08/29/16 19:57	09/02/16 06:13	1
<b>Perfluorooctane Sulfonate (PFOS)</b>	<b>0.038</b>		0.028	0.013	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluoropentanoic acid (PFPA)	0.062		0.028	0.010	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorotetradecanoic acid (PFTeA)	0.014	U	0.028	0.014	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluorotridecanoic Acid (PFTriA)	0.017	U	0.038	0.017	ug/L		08/29/16 19:57	09/02/16 06:13	1
Perfluoroundecanoic acid (PFUnA)	0.0065	U	0.019	0.0065	ug/L		08/29/16 19:57	09/02/16 06:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
13C8 PFOA	123		60 - 155				08/29/16 19:57	09/02/16 06:13	1
13C8 PFOS	109		45 - 130				08/29/16 19:57	09/02/16 06:13	1

TestAmerica Denver