

## ANALYTICAL REPORT

Job Number: 280-85296-1

Job Description: ADEM PFC Sampling Water

For:

Alabama Dept. Environmental Management

2715 Sandlin Road, SW

Decatur, AL 35603

Attention: Mr. Ed Poolos



Approved for release  
DiLea R Bindel  
Project Manager I  
7/21/2016 3:11 PM

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Designee for

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07/21/2016

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

**TestAmerica Laboratories, Inc.**

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## Client Sample Results

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

TestAmerica Job ID: 280-85296-1

Client Sample ID: GADSDEN-FINISHED

Lab Sample ID: 280-85296-1

Date Collected: 07/06/16 13:35

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)	0.051		0.019	0.0079	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorobutanoic acid (PFBA)	0.014	J	0.019	0.0094	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorodecane sulfonate (PFDS)	0.0087	U	0.019	0.0087	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorodecanoic acid (PFDA)	0.0075	U	0.019	0.0075	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorododecanoic acid (PFDoA)	0.014	U	0.029	0.014	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluoroheptanoic acid (PFHpA)	0.013	U	0.029	0.013	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorohexane Sulfonate (PFHxS)	0.0067	U	0.029	0.0067	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorohexanoic acid (PFHxA)	0.037		0.019	0.0028	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorononanoic acid (PFNA)	0.017	U	0.038	0.017	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorooctanoic acid (PFOA)	0.022		0.019	0.0094	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorooctane Sulfonate (PFOS)	0.043		0.029	0.013	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluoropentanoic acid (PFPA)	0.053		0.029	0.010	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorotetradecanoic acid (PFTeA)	0.014	U	0.029	0.014	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluorotridecanoic Acid (PFTriA)	0.017	U	0.038	0.017	ug/L		07/11/16 12:28	07/12/16 13:18	1
Perfluoroundecanoic acid (PFUnA)	0.0066	U	0.019	0.0066	ug/L		07/11/16 12:28	07/12/16 13:18	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	105		60 - 155				07/11/16 12:28	07/12/16 13:18	1
13C8 PFOS	98		45 - 130				07/11/16 12:28	07/12/16 13:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	0.0053	U	0.046	0.0053	ug/L		07/18/16 12:15	07/19/16 14:15	1

## Method Summary

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

TestAmerica Job ID: 280-85296-1

<u>Method</u>	<u>Method Description</u>	<u>Protocol</u>	<u>Laboratory</u>
DV-LC-0012	Perfluorinated Hydrocarbons	TAL-DEN	TAL DEN
PFC -FOSA	FOSA in Water (LC/MS/MS)	TAL-DEN	TAL DEN

**Protocol References:**

TAL-DEN = TestAmerica Laboratories, Denver, Facility Standard Operating Procedure.

**Laboratory References:**

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

