TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2010 JUL -9 A 9:30

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ANALYTICAL REPORT

Job Number: 280-3824-1

Job Description: Dalton PFC Analysis

For:
Dalton Utilities
1200 V.D. Parrott Jr. Parkway
Dalton, GA 30721

Attention: Ms. Dena Haverland

Approved for release.
Michelle Johnston
Project Manager I
6/23/2010 8:06 AM

Michelle Johnston
Project Manager I
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06/23/2010

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 E87667.

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

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ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE
Client: Dalton Utilities
Project: PFC Analysis
Report Number: 280-3824-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Receipt
The following report contains the analytical results for nine water samples received at TestAmerica Denver on May 25, 2010, according to documented sample acceptance procedures. The samples were received in good condition at a temperature of 2.7°C. No anomalies were encountered during sample receipt.

PFC
Samples 3799 BROWN'S BRIDGE RD (280-3824-1), 743 ARTIS CHARLES RD (280-3824-2), 4496 HWY 225 (280-3824-3), 5263 HWY 225 (280-3824-4), 5322 HWY 225 (280-3824-5), 1204 BRACKETT RIDGE RD (280-3824-6), 300 ACORN DRIVE (280-3824-7), 705 PEEK RD (280-3824-8) and 175 HARRISON LANE (280-3824-9) were analyzed for PFC in accordance with SOP DV-LC-0012. The samples were prepared on 05/26/2010 and 06/04/2010 and analyzed on 06/02/2010 and 06/07/2010.

Due to high and low internal standard recoveries in the sample, sample 705 PEEK RD (280-3824-8) was re-extracted out of the laboratory prescribed hold time and reanalyzed in prep batch 280-18069 (analytical batch 280-18299). Both batches are included in this report. Please note the sample results should be considered estimated.

The internal standard recoveries for 13C2PFDA, 13C2PFUnA, 13C8PFOA, 13C8PFOS, and 1802PFHxS associated with prep batch 280-17041 (analytical batch 280-17751) were recovered outside the control limits in sample 705 PEEK RD (280-3824-8). Upon re-extraction past hold time and re-analysis, internal standard recovery outliers were still present, demonstrating that this anomaly is most likely due to matrix interference. Both the original and reanalysis data have been provided, as re-extraction was unavoidably performed outside the recommended sample holding time.

The method required MS/MSD analyses could not be performed on prep batches 280-17041 and 280-18069, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD data.

Refer to the QC report for details.

No other difficulties were encountered during the PFC analyses.

All other quality control parameters were within the acceptance limits.

FOSA
Samples 3799 BROWN'S BRIDGE RD (280-3824-1), 743 ARTIS CHARLES RD (280-3824-2), 4496 HWY 225 (280-3824-3), 5263 HWY 225 (280-3824-4), 5322 HWY 225 (280-3824-5), 1204 BRACKETT RIDGE RD (280-3824-6), 300 ACORN DRIVE (280-3824-7), 705 PEEK RD (280-3824-8) and 175 HARRISON LANE (280-3824-9) were analyzed for FOSA in accordance with SOP DV-LC-0012. The samples were prepared on 05/26/2010 and analyzed on 06/07/2010.

The method required MS/MSD analyses could not be performed on prep batch 280-17045 (analytical batch 280-18230), due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD data.

No other difficulties were encountered during the FOSA analyses.

All quality control parameters were within the acceptance limits.

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17750

Lab Sample ID: ICV 280-17750/10 Client Sample ID:

Date Analyzed: 06/02/10 13:46 Lab File ID: pc50F02012.d GC Column: Eclipse+C18 ID:

S. Castagni 6-14-10

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorohexanoic acid (PFHxA)	6.08	Split Peak	meyera	06/03/10 07:00

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: MB 280-17041/1-A Client Sample ID:

Date Analyzed: 06/02/10 13:58 Lab File ID: pc50F02013.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.31	Baseline	meyera	06/03/10 07:04
13C5 PFNA	7.06	Wrong peak	meyera	06/03/10 07:04
13C2 PFDA	7.31	Wrong peak	meyera	06/03/10 07:04

Lab Sample ID: LCS 280-17041/2-A Client Sample ID:

Date Analyzed: 06/02/10 14:11 Lab File ID: pc50F02014.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.27	Wrong peak	meyera	06/03/10 07:08
Perfluorobutanioc acid (PFBA)	4.27	Wrong peak	meyera	06/03/10 07:08
18O2 PFHxS	6.39	Wrong peak	meyera	06/03/10 07:08
13C2 PFDA	7.26	Wrong peak	meyera	06/03/10 07:08
13C2 PFUnA	7.50	Baseline	meyera	06/03/10 07:08
13C2 PFDoA	7.65	Baseline	meyera	06/03/10 07:08

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: LCSD 280-17041/3-A Client Sample ID:

Date Analyzed: 06/02/10 14:24 Lab File ID: pc50F02015.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanioc acid (PFBA)	4.24	Wrong peak	meyera	06/03/10 07:14
13C4 PFBA	4.25	Wrong peak	meyera	06/03/10 07:14
Perfluoropentanoic acid (PFPA)	5.33	Wrong peak	meyera	06/03/10 07:14
Perfluorobutane Sulfonate (PFBS)	5.45	Wrong peak	meyera	06/03/10 07:14
13C2 PFHxA	5.92	Wrong peak	meyera	06/03/10 07:14
Perfluorohexanoic acid (PFHxA)	5.93	Wrong peak	meyera	06/03/10 07:14
18O2 PFHxS	6.36	Wrong peak	meyera	06/03/10 07:14
Perfluorohexane Sulfonate (PFHxS)	6.36	Wrong peak	meyera	06/03/10 07:14
Perfluorooctanoic acid (PFOA)	6.70	Wrong peak	meyera	06/03/10 07:14
13C2 PFDA	7.24	Wrong peak	meyera	06/03/10 07:14
13C2 PFUnA	7.47	Wrong peak	meyera	06/03/10 07:14
13C2 PFDoA	7.64	Wrong peak	meyera	06/03/10 07:14
Perfluorotridecanoic Acid (PFTriA)	7.78	Wrong peak	meyera	06/03/10 07:14

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-1 Client Sample ID: 3799 BROWN'S BRIDGE RD

Date Analyzed: 06/02/10 14:37 Lab File ID: pc50F02016.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanioc acid (PFBA)	4.22	Wrong peak	meyera	06/03/10 07:18
13C4 PFBA	4.23	Wrong peak	meyera	06/03/10 07:18
Perfluoropentanoic acid (PFPA)	5.32	Wrong peak	meyera	06/03/10 07:18
Perfluorobutane Sulfonate (PFBS)	5.43	Wrong peak	meyera	06/03/10 07:18
13C2 PFHxA	5.91	Wrong peak	meyera	06/03/10 07:18
Perfluorohexanoic acid (PFHxA)	5.93	Wrong peak	meyera	06/03/10 07:17
Perfluoroheptanoic acid (PFHpA)	6.33	Wrong peak	meyera	06/03/10 07:17
Perfluorohexane Sulfonate (PFHxS)	6.34	Baseline	meyera	06/03/10 07:17
18O2 PFHxS	6.35	Wrong peak	meyera	06/03/10 07:17
13C8 PFOA	6.70	Wrong peak	meyera	06/03/10 07:17
13C8 PFOS	6.96	Wrong peak	meyera	06/03/10 07:17
13C5 PFNA	6.98	Wrong peak	meyera	06/03/10 07:17
13C2 PFDA	7.22	Wrong peak	meyera	06/03/10 07:17
13C2 PFDoA	7.62	Wrong peak	meyera	06/03/10 07:17

Lab Sample ID: 280-3824-2 Client Sample ID: 743 ARTIS CHARLES RD

Date Analyzed: 06/02/10 14:50 Lab File ID: pc50F02017.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.20	Wrong peak	meyera	06/03/10 07:20
Perfluorohexanoic acid (PFHxA)	5.86	Wrong peak	meyera	06/03/10 07:20
13C2 PFHxA	5.91	Wrong peak	meyera	06/03/10 07:20
13C5 PFNA	6.97	Wrong peak	meyera	06/03/10 07:21
13C2 PFUnA	7.42	Wrong peak	meyera	06/03/10 07:21
13C2 PFDoA	7.60	Wrong peak	meyera	06/03/10 07:21

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-3 Client Sample ID: 4496 HWY 225

Date Analyzed: 06/02/10 15:02 Lab File ID: pc50F02018.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.18	Wrong peak	meyera	06/03/10 07:25
Perfluorobutane Sulfonate (PFBS)	5.43	Wrong peak	meyera	06/03/10 07:25
13C2 PFHxA	5.89	Wrong peak	meyera	06/03/10 07:25
Perfluorohexanoic acid (PFHxA)	5.90	Wrong peak	meyera	06/03/10 07:25
18O2 PFHxS	6.33	Wrong peak	meyera	06/03/10 07:25
13C8 PFOA	6.68	Wrong peak	meyera	06/03/10 07:25
Perfluorooctanoic acid (PFOA)	6.68	Wrong peak	meyera	06/03/10 07:25
Perfluorooctane Sulfonate (PFOS)	6.92	Split Peak	meyera	06/03/10 07:25
13C5 PFNA	6.96	Wrong peak	meyera	06/03/10 07:25
13C2 PFDA	7.20	Wrong peak	meyera	06/03/10 07:25
13C2 PFUnA	7.40	Wrong peak	meyera	06/03/10 07:25
13C2 PFDoA	7.60	Wrong peak	meyera	06/03/10 07:25

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-4 Client Sample ID: 5263 HWY 225

Date Analyzed: 06/02/10 15:15 Lab File ID: pc50F02019.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.15	Wrong peak	meyera	06/03/10 07:28
Perfluorobutanioc acid (PFBA)	4.18	Wrong peak	meyera	06/03/10 07:28
Perfluoropentanoic acid (PFPA)	5.28	Wrong peak	meyera	06/03/10 07:28
Perfluorobutane Sulfonate (PFBS)	5.40	Wrong peak	meyera	06/03/10 07:28
Perfluorohexanoic acid (PFHxA)	5.87	Wrong peak	meyera	06/03/10 07:28
13C2 PFHxA	5.88	Wrong peak	meyera	06/03/10 07:28
18O2 PFHxS	6.31	Wrong peak	meyera	06/03/10 07:28
Perfluorohexane Sulfonate (PFHxS)	6.34	Split Peak	meyera	06/03/10 07:28
13C8 PFOA	6.66	Wrong peak	meyera	06/03/10 07:28
13C5 PFNA	6.95	Wrong peak	meyera	06/03/10 07:28
Perfluorononanoic acid (PFNA)	6.95	Wrong peak	meyera	06/03/10 07:28
Perfluorodecanoic acid (PFDA)	7.18	Wrong peak	meyera	06/03/10 07:28
13C2 PFDA	7.19	Wrong peak	meyera	06/03/10 07:28
13C2 PFUnA	7.39	Wrong peak	meyera	06/03/10 07:28
13C2 PFDoA	7.58	Wrong peak	meyera	06/03/10 07:28

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-5 Client Sample ID: 5322 HWY 225

Date Analyzed: 06/02/10 15:28 Lab File ID: pc50F02020.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.17	Wrong peak	meyera	06/03/10 07:35
Perfluorobutane Sulfonate (PFBS)	5.40	Wrong peak	meyera	06/03/10 07:35
13C2 PFHxA	5.87	Wrong peak	meyera	06/03/10 07:35
Perfluorohexanoic acid (PFHxA)	5.91	Wrong peak	meyera	06/03/10 07:35
Perfluoroheptanoic acid (PFHpA)	6.29	Wrong peak	meyera	06/03/10 07:35
Perfluorohexane Sulfonate (PFHxS)	6.30	Split Peak	meyera	06/03/10 07:35
18O2 PFHxS	6.31	Wrong peak	meyera	06/03/10 07:35
13C8 PFOA	6.65	Wrong peak	meyera	06/03/10 07:35
Perfluorooctanoic acid (PFOA)	6.69	Wrong peak	meyera	06/03/10 07:35
Perfluorooctane Sulfonate (PFOS)	6.86	Wrong peak	meyera	06/03/10 07:35
13C8 PFOS	6.93	Wrong peak	meyera	06/03/10 07:35
13C5 PFNA	6.95	Wrong peak	meyera	06/03/10 07:35
13C2 PFDA	7.18	Wrong peak	meyera	06/03/10 07:35
13C2 PFDoA	7.57	Wrong peak	meyera	06/03/10 07:35

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: CCV 280-17751/19 Client Sample ID:

Date Analyzed: 06/02/10 15:41 Lab File ID: pc50F02021.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.26	Wrong peak	meyera	06/03/10 07:40
Perfluorobutanioc acid (PFBA)	4.26	Wrong peak	meyera	06/03/10 07:40
Perfluoropentanoic acid (PFPA)	5.33	Wrong peak	meyera	06/03/10 07:40
13C2 PFHxA	5.92	Wrong peak	meyera	06/03/10 07:40
Perfluorohexanoic acid (PFHxA)	5.92	Wrong peak	meyera	06/03/10 07:40
Perfluoroheptanoic acid (PFHpA)	6.34	Wrong peak	meyera	06/03/10 07:40
13C8 PFOA	6.69	Wrong peak	meyera	06/03/10 07:40
13C4 PFOA	6.70	Wrong peak	meyera	06/03/10 07:40
Perfluorononanoic acid (PFNA)	6.97	Wrong peak	meyera	06/03/10 07:40
13C5 PFNA	6.98	Wrong peak	meyera	06/03/10 07:40
MeFOSA (Surr)	7.21	Wrong peak	meyera	06/03/10 07:40
Perfluorodecanoic acid (PFDA)	7.21	Wrong peak	meyera	06/03/10 07:40
13C2 PFDA	7.22	Wrong peak	meyera	06/03/10 07:40
13C2 PFUnA	7.41	Wrong peak	meyera	06/03/10 07:40
Perfluoroundecanoic acid (PFUnA)	7.42	Wrong peak	meyera	06/03/10 07:40
13C2 PFDoA	7.60	Wrong peak	meyera	06/03/10 07:40
Perfluorotridecanoic Acid (PFTriA)	7.73	Wrong peak	meyera	06/03/10 07:40

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-6 Client Sample ID: 1204 BRACKETT RIDGE RD

Date Analyzed: 06/02/10 15:54 Lab File ID: pc50F02022.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanioc acid (PFBA)	4.09	Wrong peak	meyera	06/03/10 07:44
13C4 PFBA	4.15	Wrong peak	meyera	06/03/10 07:44
Perfluoropentanoic acid (PFPA)	5.33	Wrong peak	meyera	06/03/10 07:44
Perfluorobutane Sulfonate (PFBS)	5.45	Wrong peak	meyera	06/03/10 07:44
13C2 PFHxA	5.87	Wrong peak	meyera	06/03/10 07:44
Perfluorohexanoic acid (PFHxA)	5.89	Wrong peak	meyera	06/03/10 07:44
Perfluoroheptanoic acid (PFHpA)	6.29	Wrong peak	meyera	06/03/10 07:44
18O2 PFHxS	6.31	Wrong peak	meyera	06/03/10 07:44
Perfluorooctanoic acid (PFOA)	6.64	Wrong peak	meyera	06/03/10 07:44
13C8 PFOA	6.65	Wrong peak	meyera	06/03/10 07:44
Perfluorooctane Sulfonate (PFOS)	6.88	Wrong peak	meyera	06/03/10 07:44
13C8 PFOS	6.93	Wrong peak	meyera	06/03/10 07:44
13C5 PFNA	6.94	Wrong peak	meyera	06/03/10 07:44
13C2 PFDA	7.19	Wrong peak	meyera	06/03/10 07:44
13C2 PFUnA	7.38	Wrong peak	meyera	06/03/10 07:44
13C2 PFDoA	7.56	Wrong peak	meyera	06/03/10 07:44

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-7 Client Sample ID: 300 ACORN DRIVE

Date Analyzed: 06/02/10 16:06 Lab File ID: pc50F02023.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.15	Wrong peak	meyera	06/03/10 07:48
Perfluorobutanioc acid (PFBA)	4.15	Wrong peak	meyera	06/03/10 07:48
Perfluoropentanoic acid (PFPA)	5.30	Wrong peak	meyera	06/03/10 07:48
13C2 PFHxA	5.86	Wrong peak	meyera	06/03/10 07:48
Perfluorohexanoic acid (PFHxA)	5.86	Wrong peak	meyera	06/03/10 07:48
Perfluoroheptanoic acid (PFHpA)	6.29	Wrong peak	meyera	06/03/10 07:48
13C8 PFOA	6.64	Wrong peak	meyera	06/03/10 07:48
Perfluorooctanoic acid (PFOA)	6.64	Wrong peak	meyera	06/03/10 07:48
13C5 PFNA	6.93	Wrong peak	meyera	06/03/10 07:48
13C2 PFDA	7.17	Wrong peak	meyera	06/03/10 07:48
13C2 PFUnA	7.37	Wrong peak	meyera	06/03/10 07:48
13C2 PFDoA	7.55	Wrong peak	meyera	06/03/10 07:48

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-8 Client Sample ID: 705 PEEK RD

Date Analyzed: 06/02/10 16:19 Lab File ID: pc50F02024.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.12	Split Peak	meyera	06/03/10 07:52
Perfluorobutanioc acid (PFBA)	4.15	Split Peak	meyera	06/03/10 07:52
Perfluoropentanoic acid (PFPA)	5.26	Wrong peak	meyera	06/03/10 07:52
13C2 PFHxA	5.85	Wrong peak	meyera	06/03/10 07:52
Perfluorohexanoic acid (PFHxA)	5.86	Wrong peak	meyera	06/03/10 07:52
Perfluorohexane Sulfonate (PFHxS)	6.28	Wrong peak	meyera	06/03/10 07:52
18O2 PFHxS	6.29	Wrong peak	meyera	06/03/10 07:52
Perfluoroheptanoic acid (PFHpA)	6.29	Wrong peak	meyera	06/03/10 07:52
Perfluorooctanoic acid (PFOA)	6.62	Wrong peak	meyera	06/03/10 07:52
13C8 PFOA	6.63	Wrong peak	meyera	06/03/10 07:52
Perfluorooctane Sulfonate (PFOS)	6.88	Wrong peak	meyera	06/03/10 07:52
Perfluorononanoic acid (PFNA)	6.90	Wrong peak	meyera	06/03/10 07:52
13C8 PFOS	6.91	Wrong peak	meyera	06/03/10 07:52
13C5 PFNA	6.92	Wrong peak	meyera	06/03/10 07:52
13C2 PFDA	7.17	Wrong peak	meyera	06/03/10 07:52
13C2 PFUnA	7.39	Wrong peak	meyera	06/03/10 07:52
13C2 PFDoA	7.55	Wrong peak	meyera	06/03/10 07:52

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: 280-3824-9 Client Sample ID: 175 HARRISON LANE

Date Analyzed: 06/02/10 16:32 Lab File ID: pc50F02025.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.15	Wrong peak	meyera	06/03/10 07:55
Perfluorobutanioc acid (PFBA)	4.17	Wrong peak	meyera	06/03/10 07:55
Perfluoropentanoic acid (PFPA)	5.28	Wrong peak	meyera	06/03/10 07:55
13C2 PFHxA	5.85	Wrong peak	meyera	06/03/10 07:55
Perfluorohexanoic acid (PFHxA)	5.85	Wrong peak	meyera	06/03/10 07:55
Perfluoroheptanoic acid (PFHpA)	6.31	Wrong peak	meyera	06/03/10 07:55
Perfluorooctanoic acid (PFOA)	6.62	Wrong peak	meyera	06/03/10 07:55
13C8 PFOA	6.63	Wrong peak	meyera	06/03/10 07:55
Perfluorooctane Sulfonate (PFOS)	6.80	Wrong peak	meyera	06/03/10 07:55
13C5 PFNA	6.91	Wrong peak	meyera	06/03/10 07:55
13C8 PFOS	6.93	Wrong peak	meyera	06/03/10 07:55
13C2 PFDA	7.17	Wrong peak	meyera	06/03/10 07:55
13C2 PFUnA	7.36	Wrong peak	meyera	06/03/10 07:55
13C2 PFDoA	7.55	Wrong peak	meyera	06/03/10 07:55

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 17751

Lab Sample ID: CCV 280-17751/24 Client Sample ID:

Date Analyzed: 06/02/10 16:45 Lab File ID: pc50F02026.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanioc acid (PFBA)	4.22	Split Peak	meyera	06/03/10 07:59
13C4 PFBA	4.23	Split Peak	meyera	06/03/10 07:59
Perfluoropentanoic acid (PFPA)	5.31	Split Peak	meyera	06/03/10 07:59
Perfluorobutane Sulfonate (PFBS)	5.43	Split Peak	meyera	06/03/10 07:59
13C2 PFHxA	5.89	Split Peak	meyera	06/03/10 07:59
Perfluorohexanoic acid (PFHxA)	5.89	Split Peak	meyera	06/03/10 07:59
Perfluoroheptanoic acid (PFHpA)	6.31	Split Peak	meyera	06/03/10 07:59
18O2 PFHxS	6.32	Split Peak	meyera	06/03/10 07:59
Perfluorohexane Sulfonate (PFHxS)	6.33	Split Peak	meyera	06/03/10 07:59
13C8 PFOA	6.66	Split Peak	meyera	06/03/10 07:59
13C4 PFOA	6.68	Split Peak	meyera	06/03/10 07:59
Perfluorooctanoic acid (PFOA)	6.68	Split Peak	meyera	06/03/10 07:59
13C5 PFNA	6.95	Split Peak	meyera	06/03/10 07:59
13C8 PFOS	6.96	Split Peak	meyera	06/03/10 07:59
Perfluorodecanoic acid (PFDA)	7.17	Wrong peak	meyera	06/03/10 07:59
13C2 PFDA	7.18	Wrong peak	meyera	06/03/10 07:59
MeFOSA (Surr)	7.19	Wrong peak	meyera	06/03/10 07:59
13C2 PFUnA	7.40	Wrong peak	meyera	06/03/10 07:59
Perfluoroundecanoic acid (PFUnA)	7.41	Wrong peak	meyera	06/03/10 07:59
13C2 PFDoA	7.58	Wrong peak	meyera	06/03/10 07:59
Perfluorotridecanoic Acid (PFTriA)	7.71	Wrong peak	meyera	06/03/10 07:59
Perfluorotetradecanoic acid (PFTeA)	7.89	Wrong peak	meyera	06/03/10 07:59

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LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3324-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 18298

Lab Sample ID: STD002 280-18298/2 IC Client Sample ID:

Date Analyzed: 06/07/10 13:46 Lab File ID: pc50F07028.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C8 PFOS	6.96	Split Peak	meyera	06/08/10 11:04

Lab Sample ID: ICV 280-18298/10 Client Sample ID:

Date Analyzed: 06/07/10 15:28 Lab File ID: pc50F07036.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanioc acid (PFBA)	4.28	Baseline	meyera	06/08/10 10:58
Perfluorohexanoic acid (PFHxA)	5.92	Baseline	meyera	06/08/10 10:58
Perfluorohexane Sulfonate (PFHxS)	6.34	Baseline	meyera	06/08/10 10:58
18O2 PFHxS	6.35	Baseline	meyera	06/08/10 10:58

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 18299

Lab Sample ID: 280-3824-8 RA Client Sample ID: 705 PEEK RD RA

Date Analyzed: 06/07/10 16:20 Lab File ID: pc50F07040.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.10	Baseline	meyera	06/08/10 10:54

Lab Sample ID: CCV 280-18299/15 Client Sample ID:

Date Analyzed: 06/07/10 16:32 Lab File ID: pc50F07041.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
13C4 PFBA	4.16	Baseline	meyera	06/08/10 10:54

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 18047

Lab Sample ID: ICB 280-18047/9 Client Sample ID:

Date Analyzed: 06/04/10 09:48 Lab File ID: pc50F04011.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.18	Split Peak	meyera	06/04/10 10:15

PFC -FOSA

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 18230

Lab Sample ID: 280-3824-2 Client Sample ID: 743 ARTIS CHARLES RD

Date Analyzed: 06/07/10 08:45 Lab File ID: pc50F07008.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.19	Split Peak	meyera	06/07/10 09:55

Lab Sample ID: 280-3824-3 Client Sample ID: 4496 HWY 225

Date Analyzed: 06/07/10 08:51 Lab File ID: pc50F07009.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.18	Baseline	meyera	06/07/10 09:55

Lab Sample ID: 280-3824-4 Client Sample ID: 5263 HWY 225

Date Analyzed: 06/07/10 08:58 Lab File ID: pc50F07010.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.19	Split Peak	meyera	06/07/10 09:55

Lab Sample ID: 280-3824-5 Client Sample ID: 5322 HWY 225

Date Analyzed: 06/07/10 09:10 Lab File ID: pc50F07012.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.19	Split Peak	meyera	06/07/10 09:56

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-3824-1

SDG No.:

Instrument ID: LC_LCMS5 Analysis Batch Number: 18230

Lab Sample ID: 280-3824-7 Client Sample ID: 300 ACORN DRIVE

Date Analyzed: 06/07/10 09:23 Lab File ID: pc50F07014.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.20	Split Peak	meyera	06/07/10 09:56

Lab Sample ID: 280-3824-9 Client Sample ID: 175 HARRISON LANE

Date Analyzed: 06/07/10 09:36 Lab File ID: pc50F07016.d GC Column: Eclipse+C18 ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctane Sulfonamide (FOSA)	3.20	Split Peak	meyera	06/07/10 09:56

SAMPLE SUMMARY

Client: Dalton Utilities

Job Number: 280-3824-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-3824-1	3799 BROWN'S BRIDGE RD	Water	05/19/2010 0927	05/25/2010 0900
280-3824-2	743 ARTIS CHARLES RD	Water	05/19/2010 0939	05/25/2010 0900
280-3824-3	4496 HWY 225	Water	05/19/2010 0955	05/25/2010 0900
280-3824-4	5263 HWY 225	Water	05/19/2010 1005	05/25/2010 0900
280-3824-5	5322 HWY 225	Water	05/19/2010 1015	05/25/2010 0900
280-3824-6	1204 BRACKETT RIDGE RD	Water	05/19/2010 1037	05/25/2010 0900
280-3824-7	300 ACORN DRIVE	Water	05/19/2010 1051	05/25/2010 0900
280-3824-8	705 PEEK RD	Water	05/19/2010 1122	05/25/2010 0900
280-3824-9	175 HARRISON LANE	Water	05/19/2010 1135	05/25/2010 0900

EXECUTIVE SUMMARY - Detections

Client: Dalton Utilities

Job Number: 280-3824-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-3824-1	**3799 BROWN'S BRIDGE RD**					
Perfluorohexane Sulfonate (PFHxS)		0.0076	J	0.030	ug/L	DV-LC-0012
Perfluorohexanoic acid (PFHxA)		0.0076	J	0.020	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.013	J	0.020	ug/L	DV-LC-0012
Perfluorooctane Sulfonate (PFOS)		0.040		0.030	ug/L	DV-LC-0012
280-3824-3	**4496 HWY 225**					
Perfluorooctane Sulfonate (PFOS)		0.020	J	0.029	ug/L	DV-LC-0012
280-3824-4	**5263 HWY 225**					
Perfluorobutane Sulfonate (PFBS)		0.029		0.020	ug/L	DV-LC-0012
Perfluorobutanioc acid (PFBA)		0.037		0.020	ug/L	DV-LC-0012
Perfluorodecanoic acid (PFDA)		0.022		0.020	ug/L	DV-LC-0012
Perfluoroheptanoic acid (PFHpA)		0.042		0.029	ug/L	DV-LC-0012
Perfluorohexanoic acid (PFHxA)		0.050		0.020	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.090		0.020	ug/L	DV-LC-0012
Perfluorooctane Sulfonate (PFOS)		0.027	J	0.029	ug/L	DV-LC-0012
Perfluoropentanoic acid (PFPA)		0.064		0.029	ug/L	DV-LC-0012
280-3824-5	**5322 HWY 225**					
Perfluorooctane Sulfonate (PFOS)		0.024	J	0.029	ug/L	DV-LC-0012
280-3824-6	**1204 BRACKETT RIDGE RD**					
Perfluorohexanoic acid (PFHxA)		0.0068	J	0.019	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.022		0.019	ug/L	DV-LC-0012
Perfluorooctane Sulfonate (PFOS)		0.032		0.029	ug/L	DV-LC-0012
280-3824-7	**300 ACORN DRIVE**					
Perfluorobutane Sulfonate (PFBS)		0.011	J	0.020	ug/L	DV-LC-0012
Perfluoroheptanoic acid (PFHpA)		0.031		0.029	ug/L	DV-LC-0012
Perfluorohexane Sulfonate (PFHxS)		0.021	J	0.029	ug/L	DV-LC-0012
Perfluorohexanoic acid (PFHxA)		0.024		0.020	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.075		0.020	ug/L	DV-LC-0012
Perfluorooctane Sulfonate (PFOS)		0.033		0.029	ug/L	DV-LC-0012
Perfluoropentanoic acid (PFPA)		0.018	J	0.029	ug/L	DV-LC-0012

EXECUTIVE SUMMARY - Detections

Client: Dalton Utilities

Job Number: 280-3824-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-3824-8	**705 PEEK RD**					
Perfluorobutane Sulfonate (PFBS)		0.059		0.019	ug/L	DV-LC-0012
Perfluorobutanioc acid (PFBA)		0.022		0.019	ug/L	DV-LC-0012
Perfluoroheptanoic acid (PFHpA)		0.075		0.028	ug/L	DV-LC-0012
Perfluorohexane Sulfonate (PFHxS)		0.097		0.028	ug/L	DV-LC-0012
Perfluorohexanoic acid (PFHxA)		0.077		0.019	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.16		0.019	ug/L	DV-LC-0012
Perfluorooctane Sulfonate (PFOS)		0.18		0.028	ug/L	DV-LC-0012
Perfluoropentanoic acid (PFPA)		0.049		0.028	ug/L	DV-LC-0012
280-3824-9	**175 HARRISON LANE**					
Perfluorobutane Sulfonate (PFBS)		0.018	J	0.019	ug/L	DV-LC-0012
Perfluoroheptanoic acid (PFHpA)		0.020	J	0.029	ug/L	DV-LC-0012
Perfluorohexane Sulfonate (PFHxS)		0.018	J	0.029	ug/L	DV-LC-0012
Perfluorohexanoic acid (PFHxA)		0.026		0.019	ug/L	DV-LC-0012
Perfluorooctanoic acid (PFOA)		0.024		0.019	ug/L	DV-LC-0012
Perfluoropentanoic acid (PFPA)		0.016	J	0.029	ug/L	DV-LC-0012

METHOD SUMMARY

Client: Dalton Utilities

Job Number: 280-3824-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Perfluoronated Hydrocarbons	TAL DEN	TAL-DEN DV-LC-0012	
Solid-Phase Extraction (SPE)	TAL DEN		SW846 3535
FOSA in Water (LC/MS/MS)	TAL DEN	TAL-DEN PFC -FOSA	
Solid-Phase Extraction (SPE)	TAL DEN		SW846 3535

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

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

METHOD / ANALYST SUMMARY

Client: Dalton Utilities

Job Number: 280-3824-1

Method	Analyst	Analyst ID
TAL-DEN DV-LC-0012	Meyer, Andrew GC	AGCM
TAL-DEN PFC -FOSA	Meyer, Andrew GC	AGCM

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **3799 BROWN'S BRIDGE RD**

Lab Sample ID: 280-3824-1

Client Matrix: Water

Date Sampled: 05/19/2010 0927

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02016.d
Dilution:	1.0			Initial Weight/Volume:	250 mL
Date Analyzed:	06/02/2010 1437			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	ND		0.0082	0.020
Perfluorobutanioc acid (PFBA)	ND		0.0098	0.020
Perfluorodecanoic acid (PFDA)	ND		0.0078	0.020
Perfluorododecanoic acid (PFDoA)	ND		0.015	0.030
Perfluoroheptanoic acid (PFHpA)	ND		0.013	0.030
Perfluorohexane Sulfonate (PFHxS)	0.0076	J	0.0070	0.030
Perfluorohexanoic acid (PFHxA)	0.0076	J	0.0029	0.020
Perfluorononanoic acid (PFNA)	ND		0.017	0.040
Perfluorooctanoic acid (PFOA)	0.013	J	0.0098	0.020
Perfluorooctane Sulfonate (PFOS)	0.040		0.013	0.030
Perfluoropentanoic acid (PFPA)	ND		0.011	0.030
Perfluorotetradecanoic acid (PFTeA)	ND		0.015	0.030
Perfluorotridecanoic Acid (PFTriA)	ND		0.018	0.040
Perfluoroundecanoic acid (PFUnA)	ND		0.0069	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	66		36 - 130
13C2 PFHxA	103		55 - 135
13C5 PFNA	93		54 - 132
13C2 PFDA	58		53 - 130
13C2 PFUnA	52		37 - 130
13C2 PFDoA	49		26 - 130
18O2 PFHxS	90		61 - 130
13C8 PFOA	111		60 - 155
13C8 PFOS	111		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **743 ARTIS CHARLES RD**

Lab Sample ID: 280-3824-2

Client Matrix: Water

Date Sampled: 05/19/2010 0939

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02017.d
Dilution:	1.0			Initial Weight/Volume:	255 mL
Date Analyzed:	06/02/2010 1450			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	ND		0.0081	0.020
Perfluorobutanioc acid (PFBA)	ND		0.0096	0.020
Perfluorodecanoic acid (PFDA)	ND		0.0077	0.020
Perfluorododecanoic acid (PFDoA)	ND		0.015	0.029
Perfluoroheptanoic acid (PFHpA)	ND		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	ND		0.0068	0.029
Perfluorohexanoic acid (PFHxA)	ND		0.0029	0.020
Perfluorononanoic acid (PFNA)	ND		0.017	0.039
Perfluorooctanoic acid (PFOA)	ND		0.0096	0.020
Perfluorooctane Sulfonate (PFOS)	ND		0.013	0.029
Perfluoropentanoic acid (PFPA)	ND		0.011	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.039
Perfluoroundecanoic acid (PFUnA)	ND		0.0068	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	84		36 - 130
13C2 PFHxA	106		55 - 135
13C5 PFNA	100		54 - 132
13C2 PFDA	81		53 - 130
13C2 PFUnA	78		37 - 130
13C2 PFDoA	73		26 - 130
18O2 PFHxS	88		61 - 130
13C8 PFOA	110		60 - 155
13C8 PFOS	113		45 - 130

Client: Dutton Utilities

Job Number: 280-3824-1

Client Sample ID: **4496 HWY 225**

Lab Sample ID: 280-3824-3

Client Matrix: Water

Date Sampled: 05/19/2010 0955

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02018.d
Dilution:	1.0			Initial Weight/Volume:	256 mL
Date Analyzed:	06/02/2010 1502			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	ND		0.0080	0.020
Perfluorobutanioc acid (PFBA)	ND		0.0096	0.020
Perfluorodecanoic acid (PFDA)	ND		0.0076	0.020
Perfluorododecanoic acid (PFDoA)	ND		0.015	0.029
Perfluoroheptanoic acid (PFHpA)	ND		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	ND		0.0068	0.029
Perfluorohexanoic acid (PFHxA)	ND		0.0028	0.020
Perfluorononanoic acid (PFNA)	ND		0.017	0.039
Perfluorooctanoic acid (PFOA)	ND		0.0096	0.020
Perfluorooctane Sulfonate (PFOS)	0.020	J	0.013	0.029
Perfluoropentanoic acid (PFPA)	ND		0.011	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.039
Perfluoroundecanoic acid (PFUnA)	ND		0.0067	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	74		36 - 130
13C2 PFHxA	106		55 - 135
13C5 PFNA	89		54 - 132
13C2 PFDA	62		53 - 130
13C2 PFUnA	60		37 - 130
13C2 PFDoA	59		26 - 130
18O2 PFHxS	88		61 - 130
13C8 PFOA	112		60 - 155
13C8 PFOS	108		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **5263 HWY 225**

Lab Sample ID: 280-3824-4

Client Matrix: Water

Date Sampled: 05/19/2010 1005

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02019.d
Dilution:	1.0			Initial Weight/Volume:	256 mL
Date Analyzed:	06/02/2010 1515			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.029		0.0080	0.020
Perfluorobutanioc acid (PFBA)	0.037		0.0096	0.020
Perfluorodecanoic acid (PFDA)	0.022		0.0076	0.020
Perfluorododecanoic acid (PFDoA)	ND		0.015	0.029
Perfluoroheptanoic acid (PFHpA)	0.042		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	ND		0.0068	0.029
Perfluorohexanoic acid (PFHxA)	0.050		0.0028	0.020
Perfluorononanoic acid (PFNA)	ND		0.017	0.039
Perfluorooctanoic acid (PFOA)	0.090		0.0096	0.020
Perfluorooctane Sulfonate (PFOS)	0.027	J	0.013	0.029
Perfluoropentanoic acid (PFPA)	0.064		0.011	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.039
Perfluoroundecanoic acid (PFUnA)	ND		0.0067	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	68		36 - 130
13C2 PFHxA	110		55 - 135
13C5 PFNA	91		54 - 132
13C2 PFDA	61		53 - 130
13C2 PFUnA	56		37 - 130
13C2 PFDoA	56		26 - 130
18O2 PFHxS	94		61 - 130
13C8 PFOA	105		60 - 155
13C8 PFOS	106		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **5322 HWY 225**

Lab Sample ID: 280-3824-5

Client Matrix: Water

Date Sampled: 05/19/2010 1015

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02020.d
Dilution:	1.0			Initial Weight/Volume:	262 mL
Date Analyzed:	06/02/2010 1528			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	ND		0.0079	0.019
Perfluorobutanioc acid (PFBA)	ND		0.0094	0.019
Perfluorodecanoic acid (PFDA)	ND		0.0075	0.019
Perfluorododecanoic acid (PFDoA)	ND		0.014	0.029
Perfluoroheptanoic acid (PFHpA)	ND		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	ND		0.0067	0.029
Perfluorohexanoic acid (PFHxA)	ND		0.0028	0.019
Perfluorononanoic acid (PFNA)	ND		0.017	0.038
Perfluorooctanoic acid (PFOA)	ND		0.0093	0.019
Perfluorooctane Sulfonate (PFOS)	0.024	J	0.013	0.029
Perfluoropentanoic acid (PFPA)	ND		0.010	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.038
Perfluoroundecanoic acid (PFUnA)	ND		0.0066	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	65		36 - 130
13C2 PFHxA	104		55 - 135
13C5 PFNA	94		54 - 132
13C2 PFDA	58		53 - 130
13C2 PFUnA	49		37 - 130
13C2 PFDoA	46		26 - 130
18O2 PFHxS	89		61 - 130
13C8 PFOA	105		60 - 155
13C8 PFOS	108		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **1204 BRACKETT RIDGE RD**

Lab Sample ID: 280-3824-6

Client Matrix: Water

Date Sampled: 05/19/2010 1037

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02022.d
Dilution:	1.0			Initial Weight/Volume:	262 mL
Date Analyzed:	06/02/2010 1554			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	ND		0.0079	0.019
Perfluorobutanioc acid (PFBA)	ND		0.0094	0.019
Perfluorodecanoic acid (PFDA)	ND		0.0075	0.019
Perfluorododecanoic acid (PFDoA)	ND		0.014	0.029
Perfluoroheptanoic acid (PFHpA)	ND		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	ND		0.0067	0.029
Perfluorohexanoic acid (PFHxA)	0.0068	J	0.0028	0.019
Perfluorononanoic acid (PFNA)	ND		0.017	0.038
Perfluorooctanoic acid (PFOA)	0.022		0.0093	0.019
Perfluorooctane Sulfonate (PFOS)	0.032		0.013	0.029
Perfluoropentanoic acid (PFPA)	ND		0.010	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.038
Perfluoroundecanoic acid (PFUnA)	ND		0.0066	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	69		36 - 130
13C2 PFHxA	108		55 - 135
13C5 PFNA	91		54 - 132
13C2 PFDA	55		53 - 130
13C2 PFUnA	47		37 - 130
13C2 PFDoA	44		26 - 130
18O2 PFHxS	91		61 - 130
13C8 PFOA	112		60 - 155
13C8 PFOS	118		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **300 ACORN DRIVE**

Lab Sample ID: 280-3824-7

Client Matrix: Water

Date Sampled: 05/19/2010 1051

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02023.d
Dilution:	1.0			Initial Weight/Volume:	255 mL
Date Analyzed:	06/02/2010 1606			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.011	J	0.0081	0.020
Perfluorobutanioc acid (PFBA)	ND		0.0096	0.020
Perfluorodecanoic acid (PFDA)	ND		0.0077	0.020
Perfluorododecanoic acid (PFDoA)	ND		0.015	0.029
Perfluoroheptanoic acid (PFHpA)	0.031		0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	0.021	J	0.0068	0.029
Perfluorohexanoic acid (PFHxA)	0.024		0.0029	0.020
Perfluorononanoic acid (PFNA)	ND		0.017	0.039
Perfluorooctanoic acid (PFOA)	0.075		0.0096	0.020
Perfluorooctane Sulfonate (PFOS)	0.033		0.013	0.029
Perfluoropentanoic acid (PFPA)	0.018	J	0.011	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.039
Perfluoroundecanoic acid (PFUnA)	ND		0.0068	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	66		36 - 130
13C2 PFHxA	103		55 - 135
13C5 PFNA	93		54 - 132
13C2 PFDA	72		53 - 130
13C2 PFUnA	63		37 - 130
13C2 PFDoA	59		26 - 130
18O2 PFHxS	86		61 - 130
13C8 PFOA	110		60 - 155
13C8 PFOS	113		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **705 PEEK RD**

Lab Sample ID: 280-3824-8

Client Matrix: Water

Date Sampled: 05/19/2010 1122

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02024.d
Dilution:	1.0			Initial Weight/Volume:	264 mL
Date Analyzed:	06/02/2010 1619			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.059		0.0078	0.019
Perfluorobutanioc acid (PFBA)	0.022		0.0093	0.019
Perfluorodecanoic acid (PFDA)	ND		0.0074	0.019
Perfluorododecanoic acid (PFDoA)	ND		0.014	0.028
Perfluoroheptanoic acid (PFHpA)	0.075		0.012	0.028
Perfluorohexane Sulfonate (PFHxS)	0.097		0.0066	0.028
Perfluorohexanoic acid (PFHxA)	0.077		0.0028	0.019
Perfluorononanoic acid (PFNA)	ND		0.017	0.038
Perfluorooctanoic acid (PFOA)	0.16		0.0093	0.019
Perfluorooctane Sulfonate (PFOS)	0.18		0.013	0.028
Perfluoropentanoic acid (PFPA)	0.049		0.010	0.028
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.028
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.038
Perfluoroundecanoic acid (PFUnA)	ND		0.0065	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	41		36 - 130
13C2 PFHxA	69		55 - 135
13C5 PFNA	58		54 - 132
13C2 PFDA	39	X	53 - 130
13C2 PFUnA	31	X	37 - 130
13C2 PFDoA	29		26 - 130
18O2 PFHxS	59	X	61 - 130
13C8 PFOA	157	X	60 - 155
13C8 PFOS	159	X	45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **705 PEEK RD**

Lab Sample ID: 280-3824-8

Client Matrix: Water

Date Sampled: 05/19/2010 1122

Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-18299		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-18069		Lab File ID:	pc50F07040.d
Dilution:	1.0			Initial Weight/Volume:	253.0 mL
Date Analyzed:	06/07/2010 1620	Run Type:	RA	Final Weight/Volume:	5 mL
Date Prepared:	06/04/2010 1025			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.043	H	0.0081	0.020
Perfluorobutanioc acid (PFBA)	0.0098	J H	0.0097	0.020
Perfluorodecanoic acid (PFDA)	ND	H	0.0077	0.020
Perfluorododecanoic acid (PFDoA)	ND	H	0.015	0.030
Perfluoroheptanoic acid (PFHpA)	0.053	H	0.013	0.030
Perfluorohexane Sulfonate (PFHxS)	0.070	H	0.0069	0.030
Perfluorohexanoic acid (PFHxA)	0.052	H	0.0029	0.020
Perfluorononanoic acid (PFNA)	ND	H	0.017	0.040
Perfluorooctanoic acid (PFOA)	0.12	H	0.0097	0.020
Perfluorooctane Sulfonate (PFOS)	0.13	H	0.013	0.030
Perfluoropentanoic acid (PFPA)	0.033	H	0.011	0.030
Perfluorotetradecanoic acid (PFTeA)	ND	H	0.014	0.030
Perfluorotridecanoic Acid (PFTriA)	ND	H	0.018	0.040
Perfluoroundecanoic acid (PFUnA)	ND	H	0.0068	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	67		36 - 130
13C2 PFHxA	83		55 - 135
13C5 PFNA	66		54 - 132
13C2 PFDA	42	X	53 - 130
13C2 PFUnA	36	X	37 - 130
13C2 PFDoA	32		26 - 130
18O2 PFHxS	72		61 - 130
13C8 PFOA	111		60 - 155
13C8 PFOS	113		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **175 HARRISON LANE**

Lab Sample ID: 280-3824-9
Client Matrix: Water

Date Sampled: 05/19/2010 1135
Date Received: 05/25/2010 0900

DV-LC-0012 Perfluoronated Hydrocarbons

Method:	DV-LC-0012	Analysis Batch: 280-17751		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17041		Lab File ID:	pc50F02025.d
Dilution:	1.0			Initial Weight/Volume:	261 mL
Date Analyzed:	06/02/2010 1632			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	30 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.018	J	0.0079	0.019
Perfluorobutanioc acid (PFBA)	ND		0.0094	0.019
Perfluorodecanoic acid (PFDA)	ND		0.0075	0.019
Perfluorododecanoic acid (PFDoA)	ND		0.014	0.029
Perfluoroheptanoic acid (PFHpA)	0.020	J	0.013	0.029
Perfluorohexane Sulfonate (PFHxS)	0.018	J	0.0067	0.029
Perfluorohexanoic acid (PFHxA)	0.026		0.0028	0.019
Perfluorononanoic acid (PFNA)	ND		0.017	0.038
Perfluorooctanoic acid (PFOA)	0.024		0.0094	0.019
Perfluorooctane Sulfonate (PFOS)	ND		0.013	0.029
Perfluoropentanoic acid (PFPA)	0.016	J	0.010	0.029
Perfluorotetradecanoic acid (PFTeA)	ND		0.014	0.029
Perfluorotridecanoic Acid (PFTriA)	ND		0.017	0.038
Perfluoroundecanoic acid (PFUnA)	ND		0.0066	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
13C4 PFBA	67		36 - 130
13C2 PFHxA	104		55 - 135
13C5 PFNA	96		54 - 132
13C2 PFDA	55		53 - 130
13C2 PFUnA	42		37 - 130
13C2 PFDoA	38		26 - 130
18O2 PFHxS	90		61 - 130
13C8 PFOA	106		60 - 155
13C8 PFOS	108		45 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **3799 BROWN'S BRIDGE RD**

Lab Sample ID: 280-3824-1

Client Matrix: Water

Date Sampled: 05/19/2010 0927

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07007.d
Dilution:	1.0		Initial Weight/Volume:	253 mL
Date Analyzed:	06/07/2010 0838		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0056	0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	83		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **743 ARTIS CHARLES RD**

Lab Sample ID: 280-3824-2

Client Matrix: Water

Date Sampled: 05/19/2010 0939

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045		Lab File ID:	pc50F07008.d
Dilution:	1.0			Initial Weight/Volume:	251 mL
Date Analyzed:	06/07/2010 0845			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0057	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	77		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **4496 HWY 225**

Lab Sample ID: 280-3824-3

Client Matrix: Water

Date Sampled: 05/19/2010 0955

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07009.d
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	06/07/2010 0851		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0057	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	79		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **5263 HWY 225**

Lab Sample ID: 280-3824-4

Client Matrix: Water

Date Sampled: 05/19/2010 1005

Date Received: 05/25/2010 0900

PFC -FOSA FOSA In Water (LC/MS/MS)

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07010.d
Dilution:	1.0		Initial Weight/Volume:	258 mL
Date Analyzed:	06/07/2010 0858		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0055	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	63		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **5322 HWY 225**

Lab Sample ID: 280-3824-5

Client Matrix: Water

Date Sampled: 05/19/2010 1015

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07012.d
Dilution:	1.0		Initial Weight/Volume:	255 mL
Date Analyzed:	06/07/2010 0910		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0056	0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	78		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **1204 BRACKETT RIDGE RD**

Lab Sample ID: 280-3824-6

Client Matrix: Water

Date Sampled: 05/19/2010 1037

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045		Lab File ID:	pc50F07013.d
Dilution:	1.0			Initial Weight/Volume:	251 mL
Date Analyzed:	06/07/2010 0917			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0057	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	87		37 - 130

Client: Denver Utilities

Job Number: 280-3824-1

Client Sample ID: **300 ACORN DRIVE**

Lab Sample ID: 280-3824-7

Client Matrix: Water

Date Sampled: 05/19/2010 1051

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230		Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045		Lab File ID:	pc50F07014.d
Dilution:	1.0			Initial Weight/Volume:	254 mL
Date Analyzed:	06/07/2010 0923			Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030			Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0056	0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	82		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **705 PEEK RD**

Lab Sample ID: 280-3824-8
Client Matrix: Water

Date Sampled: 05/19/2010 1122
Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07015.d
Dilution:	1.0		Initial Weight/Volume:	253 mL
Date Analyzed:	06/07/2010 0930		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0056	0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	83		37 - 130

Client: Dalton Utilities

Job Number: 280-3824-1

Client Sample ID: **175 HARRISON LANE**

Lab Sample ID: 280-3824-9

Client Matrix: Water

Date Sampled: 05/19/2010 1135

Date Received: 05/25/2010 0900

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

Method:	PFC -FOSA	Analysis Batch: 280-18230	Instrument ID:	LC_LCMS5
Preparation:	3535	Prep Batch: 280-17045	Lab File ID:	pc50F07016.d
Dilution:	1.0		Initial Weight/Volume:	256 mL
Date Analyzed:	06/07/2010 0936		Final Weight/Volume:	5 mL
Date Prepared:	05/26/2010 1030		Injection Volume:	20 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorooctane Sulfonamide (FOSA)	ND		0.0056	0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
13C8 FOSA	82		37 - 130