ANALYTICAL REPORT

Job Number: 660-31325-1

Job Description: Citrus County Landfill

For:
Camp Dresser & McKee Inc
1715 North Westshore Blvd.
Suite 875
Tampa, FL 33607

Attention: Mr. Aamod Sonawane

Approved for release.
Hansan Mouslle
Project Manager I
9/29/2009 3:17 PM

Hansan Mouslle
Project Manager I
hansan.mouslle@testamericainc.com
09/29/2009

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike sample (MS) recoveries for batch 84268 were outside control limits for most of the analytes, due to a possible sample matrix interferences. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Field Service / Mobile Lab
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31325-1EB	**EQUIPMENT BLANK**					
Acetone		13	I	20	ug/L	8260B
660-31325-2	**MW-13**					
Benzene		0.51	I	1.0	ug/L	8260B
1,4-Dichlorobenzene		3.3		1.0	ug/L	8260B
1,1-Dichloroethane		0.75	I	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.7		1.0	ug/L	8260B
Vinyl chloride		1.7		1.0	ug/L	8260B
Color		Clear			Color Units	Field Sampling
Field pH		5.20			SU	Field Sampling
Field Temperature		24.2			Degrees C	Field Sampling
Oxygen, Dissolved		2.25			mg/L	Field Sampling
Specific Conductance		67			umhos/cm	Field Sampling
Turbidity		6.69			NTU	Field Sampling
Water Level		106.58			ft	Field Sampling
660-31325-3	**MW-10**					
Benzene		2.2		1.0	ug/L	8260B
Chlorobenzene		0.79	I	1.0	ug/L	8260B
1,4-Dichlorobenzene		7.4		1.0	ug/L	8260B
1,1-Dichloroethane		1.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.3		1.0	ug/L	8260B
Methylene Chloride		5.4		5.0	ug/L	8260B
Tetrachloroethene		0.52	I	1.0	ug/L	8260B
Trichloroethene		0.53	I	1.0	ug/L	8260B
Vinyl chloride		5.0		1.0	ug/L	8260B
Xylenes, Total		8.7		3.0	ug/L	8260B
Color		Cloudy			Color Units	Field Sampling
Field pH		3.86			SU	Field Sampling
Field Temperature		25.6			Degrees C	Field Sampling
Oxygen, Dissolved		2.13			mg/L	Field Sampling
Specific Conductance		45			umhos/cm	Field Sampling
Turbidity		175			NTU	Field Sampling
Water Level		107.54			ft	Field Sampling
Dissolved						
Iron		3000		100	ug/L	6020
Total Recoverable						
Lead		2.1		1.5	ug/L	6020
Iron		3800		100	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31325-4	**MW-15**					
Benzene		0.53	I	1.0	ug/L	8260B
1,4-Dichlorobenzene		0.59	I J3	1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.3		1.0	ug/L	8260B
Trichloroethene		1.4		1.0	ug/L	8260B
Vinyl chloride		1.2	J3	1.0	ug/L	8260B
Xylenes, Total		0.71	I	3.0	ug/L	8260B
Color		Clear			Color Units	Field Sampling
Field pH		3.61			SU	Field Sampling
Field Temperature		23.3			Degrees C	Field Sampling
Oxygen, Dissolved		0.87			mg/L	Field Sampling
Specific Conductance		32			umhos/cm	Field Sampling
Turbidity		2.04			NTU	Field Sampling
Water Level		118.20			ft	Field Sampling
660-31325-6	**MW-10 FILTERED**					
Field pH		3.82			SU	Field Sampling
Field Temperature		26.0			Degrees C	Field Sampling
Oxygen, Dissolved		2.54			mg/L	Field Sampling
Specific Conductance		46			umhos/cm	Field Sampling
Turbidity		1.66			NTU	Field Sampling

METHOD SUMMARY

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Metals (ICP/MS)	TAL SAV	SW846 6020	
Sample Filtration, Field	TAL SAV		FIELD_FLTRD
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
SW846 6020	Boyuk, Brian	BB
EPA Field Sampling	Atkins, Amy	AA

SAMPLE SUMMARY

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31325-1EB	Equipment Blank	Water	08/28/2009 0930	08/31/2009 1000
660-31325-2	MW-13	Water	08/28/2009 1410	08/31/2009 1000
660-31325-3	MW-10	Water	08/28/2009 1548	08/31/2009 1000
660-31325-4	MW-15	Water	08/28/2009 1509	08/31/2009 1000
660-31325-5TB	Trip Blank	Water	08/28/2009 0000	08/31/2009 1000
660-31325-6	MW-10 filtered	Water	08/28/2009 0000	08/31/2009 1000

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-31325-1EB

Client Matrix: Water

Date Sampled: 08/28/2009 0930

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Preparation: 5030B

Dilution: 1.0

Date Analyzed: 09/09/2009 1850

Date Prepared: 09/09/2009 1850

Analysis Batch: 660-84446

Instrument ID: BVMG5973

Lab File ID: 1GI0928.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	13	I	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-31325-1EB

Client Matrix: Water

Date Sampled: 08/28/2009 0930

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84446	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0928.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/09/2009 1850		Final Weight/Volume:	5 mL
Date Prepared:	09/09/2009 1850			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-13**

Lab Sample ID: 660-31325-2

Client Matrix: Water

Date Sampled: 08/28/2009 1410

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0328.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1632		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1632			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.51	I	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	3.3		0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.75	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	2.7		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	1.7		0.50	1.0

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-13**

Lab Sample ID: 660-31325-2

Client Matrix: Water

Date Sampled: 08/28/2009 1410

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0328.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1632		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1632			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	93		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	110		70 - 130

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-10**

Lab Sample ID: 660-31325-3

Client Matrix: Water

Date Sampled: 08/28/2009 1548

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0330.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1709		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1709			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	2.2		0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.79	I	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	7.4		0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	1.7		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	8.3		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	5.4		4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.52	I	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.53	I	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	5.0		0.50	1.0

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-10**

Lab Sample ID: 660-31325-3

Client Matrix: Water

Date Sampled: 08/28/2009 1548

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0330.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1709		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1709			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	8.7		0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-15**

Lab Sample ID: 660-31325-4

Client Matrix: Water

Date Sampled: 08/28/2009 1509

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0331.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1727		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1727			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U J3	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.53	I	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U J3	0.35	1.0
Bromoform	0.58	U J3	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U J3	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J3	2.5	5.0
Ethylene Dibromide	0.50	U J3	0.50	1.0
1,2-Dichlorobenzene	0.44	U J3	0.44	1.0
1,4-Dichlorobenzene	0.59	I J3	0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U J3	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	4.3		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U J3	0.52	1.0
cis-1,3-Dichloropropene	0.14	U J3	0.14	1.0
trans-1,3-Dichloropropene	0.14	U J3	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U J3	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U J3	8.4	10
Iodomethane	2.5	U J3	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U J3	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U J3	0.15	1.0
Tetrachloroethene	0.50	U J3	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U J3	0.47	1.0
Trichloroethene	1.4		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U J3	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	1.2	J3	0.50	1.0

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-15**

Lab Sample ID: 660-31325-4

Client Matrix: Water

Date Sampled: 08/28/2009 1509

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84268	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0331.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/03/2009 1727		Final Weight/Volume:	5 mL
Date Prepared:	09/03/2009 1727			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.71	I	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-31325-5TB

Client Matrix: Water

Date Sampled: 08/28/2009 0000

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84446	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0913.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/09/2009 1345		Final Weight/Volume:	5 mL
Date Prepared:	09/09/2009 1345			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-31325-5TB

Client Matrix: Water

Date Sampled: 08/28/2009 0000

Date Received: 08/31/2009 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-84446	Instrument ID:	BVMG5973
Preparation:	5030B		Lab File ID:	1GI0913.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	09/09/2009 1345		Final Weight/Volume:	5 mL
Date Prepared:	09/09/2009 1345			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-31325-1EB

Client Matrix: Water

Date Sampled: 08/28/2009 0930

Date Received: 08/31/2009 1000

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 680-147297		Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-147070		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	09/03/2009 2025			Final Weight/Volume:	250 mL
Date Prepared:	09/03/2009 1047				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Lead	0.20	U	0.20	1.5
Iron	33	U	33	100

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Client Sample ID: **MW-10**

Lab Sample ID: 660-31325-3

Client Matrix: Water

Date Sampled: 08/28/2009 1548

Date Received: 08/31/2009 1000

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 680-147297	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-147070	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	09/03/2009 2045		Final Weight/Volume:	250 mL
Date Prepared:	09/03/2009 1047			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Lead	2.1		0.20	1.5
Iron	3800		33	100

6020 Metals (ICP/MS)-Dissolved

Method:	6020	Analysis Batch: 680-147297	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-147070	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	09/03/2009 2052		Final Weight/Volume:	250 mL
Date Prepared:	09/03/2009 1047			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Lead	0.20	U	0.20	1.5
Iron	3000		33	100

Field Service / Mobile Lab

Client Sample ID: **MW-13**

Lab Sample ID: 660-31325-2

Client Matrix: Water

Date Sampled: 08/28/2009 1410

Date Received: 08/31/2009 1000

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-84306	08/28/2009 1410
Field pH	5.20		SU	1.0	Field Sampling	660-84306	08/28/2009 1410
Field Temperature	24.2		Degrees C	1.0	Field Sampling	660-84306	08/28/2009 1410
Oxygen, Dissolved	2.25		mg/L	1.0	Field Sampling	660-84306	08/28/2009 1410
Specific Conductance	67		umhos/cm	1.0	Field Sampling	660-84306	08/28/2009 1410
Turbidity	6.69		NTU	1.0	Field Sampling	660-84306	08/28/2009 1410
Water Level	106.58		ft	1.0	Field Sampling	660-84306	08/28/2009 1410

Field Service / Mobile Lab

Client Sample ID: **MW-10**

Lab Sample ID: 660-31325-3

Client Matrix: Water

Date Sampled: 08/28/2009 1548

Date Received: 08/31/2009 1000

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Cloudy		Color Units	1.0	Field Sampling	660-84306	08/28/2009 1548
Field pH	3.86		SU	1.0	Field Sampling	660-84306	08/28/2009 1548
Field Temperature	25.6		Degrees C	1.0	Field Sampling	660-84306	08/28/2009 1548
Oxygen, Dissolved	2.13		mg/L	1.0	Field Sampling	660-84306	08/28/2009 1548
Specific Conductance	45		umhos/cm	1.0	Field Sampling	660-84306	08/28/2009 1548
Turbidity	175		NTU	1.0	Field Sampling	660-84306	08/28/2009 1548
Water Level	107.54		ft	1.0	Field Sampling	660-84306	08/28/2009 1548

Field Service / Mobile Lab

Client Sample ID: **MW-15**

Lab Sample ID: 660-31325-4

Client Matrix: Water

Date Sampled: 08/28/2009 1509

Date Received: 08/31/2009 1000

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-84306	08/28/2009 1509
Field pH	3.61		SU	1.0	Field Sampling	660-84306	08/28/2009 1509
Field Temperature	23.3		Degrees C	1.0	Field Sampling	660-84306	08/28/2009 1509
Oxygen, Dissolved	0.87		mg/L	1.0	Field Sampling	660-84306	08/28/2009 1509
Specific Conductance	32		umhos/cm	1.0	Field Sampling	660-84306	08/28/2009 1509
Turbidity	2.04		NTU	1.0	Field Sampling	660-84306	08/28/2009 1509
Water Level	118.20		ft	1.0	Field Sampling	660-84306	08/28/2009 1509

Field Service / Mobile Lab

Client Sample ID: **MW-10 filtered**

Lab Sample ID: 660-31325-6

Client Matrix: Water

Date Sampled: 08/28/2009 0000

Date Received: 08/31/2009 1000

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	3.82		SU	1.0	Field Sampling	660-85311	08/28/2009 0000
Field Temperature	26.0		Degrees C	1.0	Field Sampling	660-85311	08/28/2009 0000
Oxygen, Dissolved	2.54		mg/L	1.0	Field Sampling	660-85311	08/28/2009 0000
Specific Conductance	46		umhos/cm	1.0	Field Sampling	660-85311	08/28/2009 0000
Turbidity	1.66		NTU	1.0	Field Sampling	660-85311	08/28/2009 0000

DATA REPORTING QUALIFIERS

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method Blank - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-84268/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1204
Date Prepared: 09/03/2009 1204

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method Blank - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-84268/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1204
Date Prepared: 09/03/2009 1204

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane	99	70 - 130
Toluene-d8 (Surr)	100	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Control Sample - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-84268/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1116
Date Prepared: 09/03/2009 1116

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	101	101	62 - 142	
Acrylonitrile	200	221	111	10 - 183	
Benzene	20.0	21.6	108	64 - 140	
Chlorobromomethane	20.0	21.2	106	59 - 130	
Dichlorobromomethane	20.0	21.4	107	70 - 130	
Bromoform	20.0	22.3	112	65 - 130	
Carbon disulfide	10.0	8.85	89	30 - 184	
Carbon tetrachloride	20.0	20.3	101	53 - 145	
Chlorobenzene	20.0	21.4	107	70 - 130	
Chloroethane	20.0	24.8	124	39 - 174	
Chloroform	20.0	21.7	108	59 - 130	
Chlorodibromomethane	20.0	21.3	106	70 - 130	
1,2-Dibromo-3-Chloropropane	20.0	21.1	106	52 - 130	
Ethylene Dibromide	20.0	21.3	107	65 - 130	
1,2-Dichlorobenzene	20.0	21.1	105	70 - 130	
1,4-Dichlorobenzene	20.0	20.4	102	70 - 130	
trans-1,4-Dichloro-2-butene	20.0	21.0	105	70 - 130	
1,1-Dichloroethane	20.0	21.4	107	60 - 132	
1,2-Dichloroethane	20.0	21.5	107	70 - 130	
1,1-Dichloroethene	20.0	15.5	78	51 - 157	
cis-1,2-Dichloroethene	20.0	21.4	107	61 - 130	
trans-1,2-Dichloroethene	20.0	20.6	103	55 - 145	
1,2-Dichloropropane	20.0	21.9	109	70 - 130	
cis-1,3-Dichloropropene	20.0	21.2	106	70 - 130	
trans-1,3-Dichloropropene	20.0	20.6	103	62 - 130	
Ethylbenzene	20.0	21.0	105	69 - 131	
2-Hexanone	100	111	111	57 - 148	
Bromomethane	20.0	25.8	129	14 - 184	
Chloromethane	20.0	20.9	104	35 - 153	
Dibromomethane	20.0	20.9	105	70 - 130	
Methylene Chloride	20.0	20.0	100	57 - 130	
2-Butanone (MEK)	100	111	111	63 - 140	
Iodomethane	10.0	8.15	81	70 - 130	
4-Methyl-2-pentanone (MIBK)	100	116	116	64 - 137	
Styrene	20.0	21.5	107	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	22.1	110	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	67 - 130	
Tetrachloroethene	20.0	22.0	110	47 - 143	
Toluene	20.0	21.5	108	70 - 131	
1,1,1-Trichloroethane	20.0	20.7	103	57 - 135	
1,1,2-Trichloroethane	20.0	21.7	108	69 - 130	

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Control Sample - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-84268/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1116
Date Prepared: 09/03/2009 1116

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Trichloroethene	20.0	21.0	105	59 - 142	
Trichlorofluoromethane	20.0	22.4	112	62 - 147	
1,2,3-Trichloropropane	20.0	22.3	111	62 - 130	
Vinyl acetate	40.1	18.9	47	10 - 166	
Vinyl chloride	20.0	22.6	113	48 - 147	
Xylenes, Total	60.0	64.7	108	70 - 135	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	98	70 - 130
Toluene-d8 (Surr)	100	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Matrix Spike - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31325-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1817
Date Prepared: 09/03/2009 1817

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0332.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	250	138	55	62 - 142	J3
Acrylonitrile	1.2	U	500	253	51	10 - 183	
Benzene	0.53	I	50.0	48.5	96	64 - 140	
Chlorobromomethane	0.58	U	50.0	35.9	72	59 - 130	
Dichlorobromomethane	0.35	U	50.0	29.7	59	70 - 130	J3
Bromoform	0.58	U	50.0	17.0	34	65 - 130	J3
Carbon disulfide	0.85	U	25.0	21.3	85	30 - 184	
Carbon tetrachloride	0.42	U	50.0	46.6	93	53 - 145	
Chlorobenzene	0.63	U	50.0	35.2	70	70 - 130	
Chloroethane	2.5	U	50.0	78.8	158	39 - 174	
Chloroform	0.90	U	50.0	47.5	95	59 - 130	
Chlorodibromomethane	0.34	U	50.0	23.4	47	70 - 130	J3
1,2-Dibromo-3-Chloropropane	2.5	U	50.0	20.4	41	52 - 130	J3
Ethylene Dibromide	0.50	U	50.0	21.0	42	65 - 130	J3
1,2-Dichlorobenzene	0.44	U	50.0	30.4	61	70 - 130	J3
1,4-Dichlorobenzene	0.59	I	50.0	31.8	62	70 - 130	J3
trans-1,4-Dichloro-2-butene	2.5	U	50.0	24.3	49	70 - 130	J3
1,1-Dichloroethane	0.52	U	50.0	54.5	109	60 - 132	
1,2-Dichloroethane	0.57	U	50.0	32.8	66	70 - 130	J3
1,1-Dichloroethene	0.45	U	50.0	48.4	97	51 - 157	
cis-1,2-Dichloroethene	4.3		50.0	54.7	101	61 - 130	
trans-1,2-Dichloroethene	0.44	U	50.0	51.6	103	55 - 145	
1,2-Dichloropropane	0.52	U	50.0	32.9	66	70 - 130	J3
cis-1,3-Dichloropropene	0.14	U	50.0	28.3	57	70 - 130	J3
trans-1,3-Dichloropropene	0.14	U	50.0	24.3	49	62 - 130	J3
Ethylbenzene	0.44	U	50.0	38.0	76	69 - 131	
2-Hexanone	4.4	U	250	111	44	57 - 148	J3
Bromomethane	2.5	U	50.0	50.4	101	14 - 184	
Chloromethane	1.0	U	50.0	71.0	142	35 - 153	
Dibromomethane	0.41	U	50.0	23.3	47	70 - 130	J3
Methylene Chloride	4.0	U	50.0	41.7	83	57 - 130	
2-Butanone (MEK)	8.4	U	250	113	45	63 - 140	J3
Iodomethane	2.5	U	25.0	14.6	58	70 - 130	J3
4-Methyl-2-pentanone (MIBK)	3.8	U	250	103	41	64 - 137	J3
Styrene	0.98	U	50.0	35.1	70	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	50.0	25.4	51	70 - 130	J3

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Matrix Spike - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31325-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1817
Date Prepared: 09/03/2009 1817

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0332.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	0.15	U	50.0	21.8	44	67 - 130	J3
Tetrachloroethene	0.50	U	50.0	23.0	46	47 - 143	J3
Toluene	0.51	U	50.0	40.5	81	70 - 131	
1,1,1-Trichloroethane	0.46	U	50.0	46.4	93	57 - 135	
1,1,2-Trichloroethane	0.47	U	50.0	22.6	45	69 - 130	J3
Trichloroethene	1.4		50.0	37.2	72	59 - 142	
Trichlorofluoromethane	2.5	U	50.0	73.1	146	62 - 147	
1,2,3-Trichloropropane	0.18	U	50.0	20.4	41	62 - 130	J3
Vinyl acetate	1.5	U	100	68.7	69	10 - 166	
Vinyl chloride	1.2		50.0	84.3	166	48 - 147	J3
Xylenes, Total	0.71	I	150	115	76	70 - 135	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	92	70 - 130
Dibromofluoromethane	120	70 - 130
Toluene-d8 (Surr)	112	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Duplicate - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31325-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1651
Date Prepared: 09/03/2009 1651

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.51	I	0.555	9	30	I
Chlorobromomethane	0.58	U	0.58	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	NC	30	U
Ethylene Dibromide	0.50	U	0.50	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	3.3		3.41	4	30	
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.75	I	0.773	4	30	I
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
cis-1,2-Dichloroethene	2.7		2.62	3	30	
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Duplicate - Batch: 660-84268

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31325-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1651
Date Prepared: 09/03/2009 1651

Analysis Batch: 660-84268
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	1.7		1.71	2	30	
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	97	70 - 130
Toluene-d8 (Surr)	104	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method Blank - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 660-84446/4	Analysis Batch:	660-84446	Instrument ID:	BVMG GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GI0909.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	09/09/2009 1231			Final Weight/Volume:	5 mL
Date Prepared:	09/09/2009 1231				

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Bromomethane	2.5	U	2.5	5.0
Chloromethane	1.0	U	1.0	4.0
Dibromomethane	0.41	U	0.41	1.0
Methylene Chloride	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method Blank - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-84446/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1231
Date Prepared: 09/09/2009 1231

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0909.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	70 - 130
Dibromofluoromethane	108	70 - 130
Toluene-d8 (Surr)	114	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Control Sample - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-84446/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1034
Date Prepared: 09/09/2009 1034

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0905.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	104	104	62 - 142	
Acrylonitrile	200	180	90	10 - 183	
Benzene	20.0	21.0	105	64 - 140	
Chlorobromomethane	20.0	20.7	103	59 - 130	
Dichlorobromomethane	20.0	19.9	99	70 - 130	
Bromoform	20.0	18.3	92	65 - 130	
Carbon disulfide	10.0	10.5	105	30 - 184	
Carbon tetrachloride	20.0	20.0	100	53 - 145	
Chlorobenzene	20.0	20.1	100	70 - 130	
Chloroethane	20.0	15.9	79	39 - 174	
Chloroform	20.0	21.8	109	59 - 130	
Chlorodibromomethane	20.0	19.1	95	70 - 130	
1,2-Dibromo-3-Chloropropane	20.0	18.7	94	52 - 130	
Ethylene Dibromide	20.0	19.3	97	65 - 130	
1,2-Dichlorobenzene	20.0	19.9	99	70 - 130	
1,4-Dichlorobenzene	20.0	20.2	101	70 - 130	
trans-1,4-Dichloro-2-butene	20.0	19.8	99	70 - 130	
1,1-Dichloroethane	20.0	22.1	111	60 - 132	
1,2-Dichloroethane	20.0	20.6	103	70 - 130	
1,1-Dichloroethene	20.0	26.4	132	51 - 157	
cis-1,2-Dichloroethene	20.0	22.4	112	61 - 130	
trans-1,2-Dichloroethene	20.0	23.9	119	55 - 145	
1,2-Dichloropropane	20.0	18.6	93	70 - 130	
cis-1,3-Dichloropropene	20.0	19.8	99	70 - 130	
trans-1,3-Dichloropropene	20.0	18.6	93	62 - 130	
Ethylbenzene	20.0	20.8	104	69 - 131	
2-Hexanone	100	99.1	99	57 - 148	
Bromomethane	20.0	13.7	68	14 - 184	
Chloromethane	20.0	12.4	62	35 - 153	
Dibromomethane	20.0	19.9	99	70 - 130	
Methylene Chloride	20.0	22.6	113	57 - 130	
2-Butanone (MEK)	100	95.2	95	63 - 140	
Iodomethane	10.0	9.63	96	70 - 130	
4-Methyl-2-pentanone (MIBK)	100	94.7	95	64 - 137	
Styrene	20.0	21.5	108	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	18.0	90	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	67 - 130	
Tetrachloroethene	20.0	20.0	100	47 - 143	
Toluene	20.0	20.8	104	70 - 131	
1,1,1-Trichloroethane	20.0	21.5	108	57 - 135	
1,1,2-Trichloroethane	20.0	18.3	91	69 - 130	

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Lab Control Sample - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-84446/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1034
Date Prepared: 09/09/2009 1034

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0905.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Trichloroethene	20.0	19.9	99	59 - 142	
Trichlorofluoromethane	20.0	17.8	89	62 - 147	
1,2,3-Trichloropropane	20.0	19.6	98	62 - 130	
Vinyl acetate	40.1	41.7	104	10 - 166	
Vinyl chloride	20.0	12.9	65	48 - 147	
Xylenes, Total	60.0	62.1	104	70 - 135	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	70 - 130
Dibromofluoromethane	108	70 - 130
Toluene-d8 (Surr)	102	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Matrix Spike - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31440-E-2 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1755
Date Prepared: 09/09/2009 1755

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0925.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	250	236	94	62 - 142	
Acrylonitrile	1.2	U	500	477	95	10 - 183	
Benzene	0.50	U	50.0	55.1	110	64 - 140	
Chlorobromomethane	0.58	U	50.0	51.8	104	59 - 130	
Dichlorobromomethane	0.35	U	50.0	56.3	113	70 - 130	
Bromoform	0.58	U	50.0	45.5	91	65 - 130	
Carbon disulfide	1.1		25.0	25.8	99	30 - 184	
Carbon tetrachloride	0.42	U	50.0	56.0	112	53 - 145	
Chlorobenzene	0.63	U	50.0	52.9	106	70 - 130	
Chloroethane	2.5	U	50.0	79.7	159	39 - 174	
Chloroform	0.90	U	50.0	55.1	110	59 - 130	
Chlorodibromomethane	0.34	U	50.0	53.7	107	70 - 130	
1,2-Dibromo-3-Chloropropane	2.5	U	50.0	45.2	90	52 - 130	
Ethylene Dibromide	0.50	U	50.0	51.9	104	65 - 130	
1,2-Dichlorobenzene	0.44	U	50.0	51.9	104	70 - 130	
1,4-Dichlorobenzene	0.52	U	50.0	52.2	104	70 - 130	
trans-1,4-Dichloro-2-butene	2.5	U	50.0	52.6	105	70 - 130	
1,1-Dichloroethane	0.52	U	50.0	57.0	114	60 - 132	
1,2-Dichloroethane	0.57	U	50.0	53.0	106	70 - 130	
1,1-Dichloroethene	0.45	U	50.0	62.3	125	51 - 157	
cis-1,2-Dichloroethene	0.65	U	50.0	56.1	112	61 - 130	
trans-1,2-Dichloroethene	0.44	U	50.0	59.1	118	55 - 145	
1,2-Dichloropropane	0.52	U	50.0	55.0	110	70 - 130	
cis-1,3-Dichloropropene	0.14	U	50.0	57.3	115	70 - 130	
trans-1,3-Dichloropropene	0.14	U	50.0	53.9	108	62 - 130	
Ethylbenzene	0.44	U	50.0	57.3	115	69 - 131	
2-Hexanone	4.4	U	250	261	104	57 - 148	
Bromomethane	2.5	U	50.0	35.5	71	14 - 184	
Chloromethane	1.0	U	50.0	36.3	73	35 - 153	
Dibromomethane	0.41	U	50.0	53.0	106	70 - 130	
Methylene Chloride	4.0	U	50.0	50.5	101	57 - 130	
2-Butanone (MEK)	8.4	U	250	239	96	63 - 140	
Iodomethane	2.5	U	25.0	27.0	108	70 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	250	245	98	64 - 137	
Styrene	0.98	U	50.0	58.1	116	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	50.0	50.4	101	70 - 130	

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Matrix Spike - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31440-E-2 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1755
Date Prepared: 09/09/2009 1755

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0925.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	0.15	U	50.0	46.6	93	67 - 130	
Tetrachloroethene	0.50	U	50.0	54.5	109	47 - 143	
Toluene	0.51	U	50.0	54.3	109	70 - 131	
1,1,1-Trichloroethane	0.46	U	50.0	59.1	118	57 - 135	
1,1,2-Trichloroethane	0.47	U	50.0	51.5	103	69 - 130	
Trichloroethene	0.50	U	50.0	57.4	115	59 - 142	
Trichlorofluoromethane	2.5	U	50.0	51.1	102	62 - 147	
1,2,3-Trichloropropane	0.18	U	50.0	45.6	91	62 - 130	
Vinyl acetate	1.5	U	100	119	119	10 - 166	
Vinyl chloride	0.50	U	50.0	43.9	88	48 - 147	
Xylenes, Total	0.50	U	150	170	114	70 - 135	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8 (Surr)	99	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Duplicate - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31440-E-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1719
Date Prepared: 09/09/2009 1719

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0923.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	NC	30	U
Ethylene Dibromide	0.50	U	0.50	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Duplicate - Batch: 660-84446

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31440-E-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1719
Date Prepared: 09/09/2009 1719

Analysis Batch: 660-84446
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GI0923.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane	111	70 - 130
Toluene-d8 (Surr)	112	70 - 130

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Method Blank - Batch: 680-147070

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-147070/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 2012
Date Prepared: 09/03/2009 1047

Analysis Batch: 680-147297
Prep Batch: 680-147070
Units: ug/L

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Lead	0.20	U	0.20	1.5
Iron	33	U	33	100

Lab Control Sample - Batch: 680-147070

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-147070/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 2018
Date Prepared: 09/03/2009 1047

Analysis Batch: 680-147297
Prep Batch: 680-147070
Units: ug/L

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	50.0	47.7	95	75 - 125	
Iron	5000	5240	105	75 - 125	

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

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-147070

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31344-E-1-B MS	Analysis Batch: 680-147297	Instrument ID: ICP MS - A
Client Matrix:	Water	Prep Batch: 680-147070	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 2105		Final Weight/Volume: 250 mL
Date Prepared:	09/03/2009 1047		

MSD Lab Sample ID:	660-31344-E-1-C MSD	Analysis Batch: 680-147297	Instrument ID: ICP MS - A
Client Matrix:	Water	Prep Batch: 680-147070	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 2112		Final Weight/Volume: 250 mL
Date Prepared:	09/03/2009 1047		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	80	82	75 - 125	2	20		
Iron	94	98	75 - 125	3	20		

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

Orlando Service Center
8016 Sunport Drive Suite 116
Orlando, FL 32809
Phone (813) 885-7427 Fax (813) 885-7049

6060-31325

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

09/29/2009

Client Information	Sampler: Ryan Reich	Lab PM: Mouslie, Hansan	Carrier Tracking No(s):
Client Contact: Mr. Aamod Sonawane	Phone: 407-453-3076	E-Mail: hansan.mouslie@testamericainc.com	
Company: Camp Dresser & McKee Inc			
Address: 1715 North Westshore Blvd. Suite 875	Due Date Requested:		
City: Tampa	TAT Requested (days):		
State, Zip: FL, 33607			
Phone:	PO #: Purchase Order Requested		
Email: SonawaneAS@cdm.com	WO #:		
Project Name: Citrus County Landfill	Project #: 66002518		
Site:	SSOW#:		

COC No: 660-24771.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 - Fe,Pb	6020 -	8260B - 8260 Appendix I Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	A		
MW-10				Water							
EQ Blank	8-28-09	0930	G	Water	N	N	1		3		
MW-13	↓	1410	↓	Water	N	N			3		
MW-10		1548		Water	Y	Y	2		6		
MW-15		1509		Water	N	N			3		
Trip Blank				Water	N	N	–		2		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8-28-09 / 1745	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 8-31-09 1000	Company	Received by: Amanda Hanna	Date/Time: 8/31/09 1000	Company TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6° CU07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 660-31325 Logged in TALS By Amanda Harrison

Cooler Received on (date) 8/31/09 And Opened By (full name): Amanda Harrison

1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.6 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: _____

   All containers pH < 2 ? _____ If not please comment below:

5. Number of HCL (hydrochloric acid) preserved containers: _____

   All containers pH < 2 ? _____ If not please comment below:

6. Number of HNO3 (nitric acid) preserved containers: 3

   All containers pH < 2 ? yes If not please comment below:

7. Number of NaOH (sodium hydroxide) preserved containers: _____

   All containers pH >12 ? _____ If not please comment below:

8. Number of Unpreserved containers: _____

   All containers pH between 6 and 8? _____ If not please comment below:

9. Was chlorine present in any of the unpreserved containers? _____

   If yes, which samples? _____

DEP-SOP-001/01

TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: M1 PAGE: ____ of ____

FS 2200 Groundwater Sampling

SITE NAME: CDM	SITE LOCATION: Lecanto
WELL NO: EQ Blank	SAMPLE ID: / DATE: 8-28-09

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

Measuring Point Elevation (ft/msl) - **Water Level** = **Water Level Elevation**
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or us/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR	H2O Level

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ryan Roila	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0928	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
EQ Blank	3	CG	40 mL	HCl	—	≤2	8260	DSM
↓	1	PE	250 mL	~~H2SO4~~ HNO3	—	≤2	6020	DSM

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature**: ± 0.2 °C **Specific Conductance**: ± 5% **Dissolved Oxygen**: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity**: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01

TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: M1 PAGE: ____ of ____

FS 2200 Groundwater Sampling

SITE NAME: CDM	SITE LOCATION: Lecanto
WELL NO: MW-13	SAMPLE ID:
DATE: 8-28-09	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 90 feet to 120 feet	STATIC DEPTH TO WATER (feet): 106.58	PURGE PUMP TYPE OR BAILER: DBP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable) 12.92 = (119.50 feet – 106.58 feet) X .16 gallons/foot = 2.07 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 117	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 117	PURGING INITIATED AT: 1323	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (gallons): 3.63

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or us/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR	H2O Level
1349	2.07	2.07	.08	107.19	5.21	24.2	69	2.33	14.2	Clear	No	
1355	.52	2.59	↓	107.19	5.21	24.2	68	2.40	8.94	↓	↓	
1401	.52	3.11	↓	107.19	5.21	24.2	67	2.29	6.83	↓	↓	
1407	.52	3.63	↓	107.19	5.20	24.2	67	2.25	6.69	↓	↓	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ryan Reich	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1410
PUMP OR TUBING DEPTH IN WELL (feet): 117	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-13	3	CG	40mL	HCl	—	<2	8260	DDP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: m 1 PAGE: of

FS 2200 Groundwater Sampling

SITE NAME: CDM	SITE LOCATION: Leesburg
WELL NO: MW-10	SAMPLE ID: / DATE: 8-28-09

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 107.54	PURGE PUMP TYPE OR BAILER: DBP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) 12.96 = (120.50 feet – 107.54 feet) X .16 gallons/foot = 2.07 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
118	118	1107	1304	3.11

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or us/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR	H2O Level
1222	2.07	2.07	.025	107.94	4.14	24.7	55	2.32	184	cloudy	ND	
1243	.52	2.59	.025	107.97	3.94	24.7	51	2.32	184	↓	↓	
1304	.52	3.11	.025	107.97	3.94	24.7	62	2.35	200			
1537				107.78	3.81	26.4	45	2.07	170	cloudy	ND	
1539				107.78	3.85	25.7	45	2.09	170	↓	↓	
1541				107.78	3.86	25.6	45	2.13	175			
filtered					3.82	26.0	46	2.54	1.66			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ryan Reid	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1548
PUMP OR TUBING DEPTH IN WELL (feet): 118	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: (Y) N Filtration Equipment Type: / FILTER SIZE: 1.0 µm	DUPLICATE: Y (N)	

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-10	6	GG	40mL	HCl	—	≤2	8260	DBP
MW-10	2	PE	250mL	HNO_3	—	≤2	6020	DBP

REMARKS: Per client Halted purging at 1304 resumed at 1534 took 3 reads & sampled

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01

TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: _____ PAGE: ____ of ____

FS 2200 Groundwater Sampling

SITE NAME: CDM	SITE LOCATION: Leesburg
WELL NO: MW-15	SAMPLE ID: / DATE: 8-28-09

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 110 feet to 130 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: DBP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
11.40 = (129.6 feet – 118.20 feet) X .16 gallons/foot = 1.82 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 124	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 124	PURGING INITIATED AT: 1132	PURGING ENDED AT: 1505	TOTAL VOLUME PURGED (gallons): 2.74

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or us/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR	H2O Level
1435	1.82	1.82	.08	118.38	3.56	23.4	32	0.76	1.74	Clear	NO	
1400	.46	2.28	↓	118.39	3.59	23.3	32	0.95	1.67	↓	↓	
1505	.46	2.74	↓	118.40	3.61	23.3	32	0.87	2.01	↓	↓	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ryan Reid	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1505	SAMPLING ENDED AT: 1509
PUMP OR TUBING DEPTH IN WELL (feet): 124	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-15	3	CG	40mL	HCl	—	<2	8260	DBP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Login Sample Receipt Check List

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Login Number: 31325

List Source: TestAmerica Tampa

Creator: Harrison, Amanda

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	COC has 2 total metals for MW-10 one should be field filtered
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: Camp Dresser & McKee Inc

Job Number: 660-31325-1

Login Number: 31325
Creator: Daughtry, Beth
List Number: 1

List Source: TestAmerica Savannah
List Creation: 09/01/09 12:25 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	