

ANALYTICAL REPORT

Job Number: 660-30755-1

Job Description: Citrus County Landfill

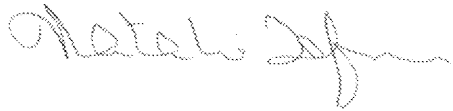
For:

Camp Dresser & McKee Inc
1715 North Westshore Blvd.

Suite 875

Tampa, FL 33607

Attention: Mr. David Rojas



Approved for release.
Natalie Tafuni
Project Manager I
8/10/2009 3:50 PM

Designee for
Hansan Mouslle
Project Manager I
hansan.mouslle@testamericainc.com
08/10/2009

cc: Mr. Aamod Sonawane

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.

Job Narrative
660-J30755-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

8260B

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 660-82459 had 3 analytes outside control limits and the MS had 1 analyte outside control limits; therefore, re-analysis was not performed. These results have been reported and qualified with J3 qualifiers.

8011

The matrix spike (MS) recovery for DBCP for batch 660-82309 was outside of control limits. The associated laboratory control sample (LCS) met acceptance criteria. The data are flagged with J3 qualifiers.

7470A

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 660-82358 were outside of control limits. The associated laboratory control sample (LCS) met acceptance criteria. The data are flagged with J3 qualifiers.

300.0

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 660-82851 were outside of control limits for chloride. The associated laboratory control sample (LCS) met acceptance criteria. The data are flagged with J3 qualifiers.

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-30755-2	MW-1R				
Mercury		0.00030	0.00020	mg/L	7470A
Color		Clear		Color Units	Field Sampling
Field pH		5.23		SU	Field Sampling
Field Temperature		24.2		Degrees C	Field Sampling
Oxygen, Dissolved		4.25		mg/L	Field Sampling
Specific Conductance		88		umhos/cm	Field Sampling
Turbidity		2.55		NTU	Field Sampling
Water Level		112.82		ft	Field Sampling
Chloride		4.3	0.50	mg/L	300.0
Nitrate as N		4.3	0.50	mg/L	353.2
Total Dissolved Solids		94	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		6.1	5.0	ug/L	6020
Lead		3.6	1.5	ug/L	6020
Cadmium		0.37 I	0.50	ug/L	6020
Nickel		7.2	1.0	ug/L	6020
Cobalt		0.55	0.50	ug/L	6020
Copper		1.3 I	5.0	ug/L	6020
Iron		67 I	100	ug/L	6020
Zinc		14 I	20	ug/L	6020
Sodium		6400	500	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-30755-3	MW-15				
Benzene		0.55 I	1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.3	1.0	ug/L	8260B
Trichloroethene		1.5	1.0	ug/L	8260B
Vinyl chloride		1.1	1.0	ug/L	8260B
Color		Clear		Color Units	Field Sampling
Field pH		4.19		SU	Field Sampling
Field Temperature		24.2		Degrees C	Field Sampling
Oxygen, Dissolved		0.24		mg/L	Field Sampling
Specific Conductance		43		umhos/cm	Field Sampling
Turbidity		4.43		NTU	Field Sampling
Water Level		118.42		ft	Field Sampling
Chloride		3.0	0.50	mg/L	300.0
Ammonia (as N)		0.012 I	0.020	mg/L	350.1
Total Dissolved Solids		37	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		5.7	2.5	ug/L	6020
Barium		6.5	5.0	ug/L	6020
Selenium		6.1	2.5	ug/L	6020
Nickel		3.6	1.0	ug/L	6020
Cobalt		0.45 I	0.50	ug/L	6020
Copper		11	5.0	ug/L	6020
Iron		4000	100	ug/L	6020
Zinc		21	20	ug/L	6020
Sodium		1700	500	ug/L	6020
660-30755-4	MW-2				
Chloroform		3.0	1.0	ug/L	8260B
Color		Clear		Color Units	Field Sampling
Field pH		3.85		SU	Field Sampling
Field Temperature		22.5		Degrees C	Field Sampling
Oxygen, Dissolved		5.74		mg/L	Field Sampling
Specific Conductance		27		umhos/cm	Field Sampling
Turbidity		3.73		NTU	Field Sampling
Water Level		129.65		ft	Field Sampling
Chloride		3.2	0.50	mg/L	300.0
Total Dissolved Solids		25	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		3.2 I	5.0	ug/L	6020
Lead		1.2 I	1.5	ug/L	6020
Cobalt		0.35 I	0.50	ug/L	6020
Iron		75 I	100	ug/L	6020
Zinc		12 I	20	ug/L	6020
Sodium		2500	500	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-30755-5	MW-13				
Benzene		0.57 I	1.0	ug/L	8260B
1,4-Dichlorobenzene		3.1	1.0	ug/L	8260B
1,1-Dichloroethane		0.81 I	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.9	1.0	ug/L	8260B
Trichloroethene		0.58 I	1.0	ug/L	8260B
Vinyl chloride		1.2	1.0	ug/L	8260B
Color		Clear		Color Units	Field Sampling
Field pH		5.19		SU	Field Sampling
Field Temperature		23.9		Degrees C	Field Sampling
Oxygen, Dissolved		0.57		mg/L	Field Sampling
Specific Conductance		89		umhos/cm	Field Sampling
Turbidity		4.75		NTU	Field Sampling
Water Level		106.72		ft	Field Sampling
Chloride		5.6	0.50	mg/L	300.0
Total Dissolved Solids		56	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		3.7	2.5	ug/L	6020
Barium		5.4	5.0	ug/L	6020
Nickel		4.4	1.0	ug/L	6020
Cobalt		6.6	0.50	ug/L	6020
Copper		10	5.0	ug/L	6020
Iron		2700	100	ug/L	6020
Sodium		3500	500	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-30755-6	MW-17					
1,4-Dichlorobenzene		0.89	I	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.75	I	1.0	ug/L	8260B
Color		Clear			Color Units	Field Sampling
Field pH		4.86			SU	Field Sampling
Field Temperature		24.3			Degrees C	Field Sampling
Oxygen, Dissolved		0.21			mg/L	Field Sampling
Specific Conductance		61			umhos/cm	Field Sampling
Turbidity		4.98			NTU	Field Sampling
Water Level		105.95			ft	Field Sampling
Chloride		4.3		0.50	mg/L	300.0
Ammonia (as N)		0.023		0.020	mg/L	350.1
Total Dissolved Solids		46		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		2.6		2.5	ug/L	6020
Barium		9.2		5.0	ug/L	6020
Nickel		2.8		1.0	ug/L	6020
Cobalt		7.6		0.50	ug/L	6020
Iron		7300		100	ug/L	6020
Zinc		8.3	I	20	ug/L	6020
Sodium		3200		500	ug/L	6020
660-30755-7	MW-14					
Color		Clear			Color Units	Field Sampling
Field pH		6.77			SU	Field Sampling
Field Temperature		23.9			Degrees C	Field Sampling
Oxygen, Dissolved		0.17			mg/L	Field Sampling
Specific Conductance		519			umhos/cm	Field Sampling
Turbidity		4.86			NTU	Field Sampling
Water Level		102.33			ft	Field Sampling
Chloride		3.6		0.50	mg/L	300.0
Total Dissolved Solids		300		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		21		5.0	ug/L	6020
Cadmium		0.24	I	0.50	ug/L	6020
Nickel		1.5		1.0	ug/L	6020
Cobalt		1.4		0.50	ug/L	6020
Iron		120		100	ug/L	6020
Sodium		2500		500	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-30755-8	MW-3				
Color		Clear		Color Units	Field Sampling
Field pH		4.39		SU	Field Sampling
Field Temperature		28.3		Degrees C	Field Sampling
Oxygen, Dissolved		3.39		mg/L	Field Sampling
Specific Conductance		50		umhos/cm	Field Sampling
Turbidity		4.06		NTU	Field Sampling
Water Level		113.84		ft	Field Sampling
Chloride		5.5	0.50	mg/L	300.0
Nitrate as N		0.82	0.50	mg/L	353.2
Total Dissolved Solids		36	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		11	5.0	ug/L	6020
Lead		5.5	1.5	ug/L	6020
Cadmium		0.15 I	0.50	ug/L	6020
Nickel		2.1	1.0	ug/L	6020
Cobalt		0.39 I	0.50	ug/L	6020
Copper		15	5.0	ug/L	6020
Iron		91 I	100	ug/L	6020
Zinc		41	20	ug/L	6020
Sodium		4500	500	ug/L	6020
660-30755-9	MW-7				
Color		Clear		Color Units	Field Sampling
Field pH		5.45		SU	Field Sampling
Field Temperature		28.2		Degrees C	Field Sampling
Oxygen, Dissolved		0.26		mg/L	Field Sampling
Specific Conductance		134		umhos/cm	Field Sampling
Turbidity		4.83		NTU	Field Sampling
Water Level		123.31		ft	Field Sampling
Chloride		6.1	0.50	mg/L	300.0
Total Dissolved Solids		92	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		25	5.0	ug/L	6020
Lead		2.1	1.5	ug/L	6020
Cadmium		0.11 I	0.50	ug/L	6020
Nickel		4.4	1.0	ug/L	6020
Cobalt		0.30 I	0.50	ug/L	6020
Iron		150	100	ug/L	6020
Zinc		13 I	20	ug/L	6020
Sodium		12000	500	ug/L	6020

METHOD SUMMARY

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAM	SW846 8011	
Microextraction	TAL TAM		SW846 8011
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL TAM	SW846 7470A	
Preparation, Mercury	TAL TAM		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAL	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: 660-30755-1

Method	Analyst	Analyst ID
SW846 8260B	Carlson, Robyn	RC
SW846 8011	Ballard, James	JB
SW846 6020	Boyuk, Brian	BB
SW846 7470A	Canales, Richard	RC
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Cantin, Stephen C	SCC
MCAWW 350.1	Mathew, Pinky	PM
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Office, Trey	TO

SAMPLE SUMMARY

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-30755-1	Equipment Blank	Water	07/21/2009 0710	07/22/2009 0800
660-30755-2	MW-1R	Water	07/21/2009 0850	07/22/2009 0800
660-30755-3	MW-15	Water	07/21/2009 1305	07/22/2009 0800
660-30755-4	MW-2	Water	07/21/2009 0833	07/22/2009 0800
660-30755-5	MW-13	Water	07/21/2009 1016	07/22/2009 0800
660-30755-6	MW-17	Water	07/21/2009 1139	07/22/2009 0800
660-30755-7	MW-14	Water	07/21/2009 1251	07/22/2009 0800
660-30755-8	MW-3	Water	07/21/2009 1613	07/22/2009 0800
660-30755-9	MW-7	Water	07/21/2009 1818	07/22/2009 0800
660-30755-10	Trip Blank	Water	07/21/2009 0000	07/22/2009 0800

SAMPLE RESULTS

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-30755-1

Date Sampled: 07/21/2009 0710

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-82459

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 2HG2721.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 07/28/2009 0459

Final Weight/Volume: 5 mL

Date Prepared: 07/28/2009 0459

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-30755-1

Date Sampled: 07/21/2009 0710

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2721.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0459		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0459			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	101		70 - 130	
Dibromofluoromethane	107		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Date Sampled: 07/21/2009 0850

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2722.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0517		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0517			

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Client Matrix: Water

Date Sampled: 07/21/2009 0850

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2722.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0517		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0517			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	100		70 - 130	
Dibromofluoromethane	109		70 - 130	
Toluene-d8 (Surr)	100		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Date Sampled: 07/21/2009 1305

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2723.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0534		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0534			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.55	I	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Bromodichloromethane	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
Dibromochloromethane	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 J3	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	4.3		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	4.0	U	4.0	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Iodomethane	2.5	U J3	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 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	0.47	1.0
Trichloroethene	1.5		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	1.1		0.50	1.0

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Client Matrix: Water

Date Sampled: 07/21/2009 1305

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2723.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0534		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0534			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	101		70 - 130	
Dibromofluoromethane	108		70 - 130	
Toluene-d8 (Surr)	99		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Date Sampled: 07/21/2009 0833

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-82459	Instrument ID:	BVMH5973
Preparation:	5030B			Lab File ID:	2HG2724.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0551			Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0551				

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
Bromodichloromethane	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	3.0		0.90	1.0
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Client Matrix: Water

Date Sampled: 07/21/2009 0833

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2724.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0551		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0551			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	101		70 - 130	
Dibromofluoromethane	110		70 - 130	
Toluene-d8 (Surr)	97		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Date Sampled: 07/21/2009 1016

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2725.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0608		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0608			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.57	I	0.50	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Bromodichloromethane	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
Dibromochloromethane	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	3.1		0.52	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
1,1-Dichloroethane	0.81	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	2.9		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 J3	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 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	0.47	1.0
Trichloroethene	0.58	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	1.2		0.50	1.0

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Client Matrix: Water

Date Sampled: 07/21/2009 1016

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-82459	Instrument ID:	BVMH5973
Preparation:	5030B			Lab File ID:	2HG2725.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0608			Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0608				

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	108		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Date Sampled: 07/21/2009 1139

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2726.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0625		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0625			

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
Bromodichloromethane	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
Dibromochloromethane	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	0.89	I	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	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.75	I	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Client Matrix: Water

Date Sampled: 07/21/2009 1139

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2726.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0625		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0625			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	103		70 - 130	
Dibromofluoromethane	108		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Date Sampled: 07/21/2009 1251

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2727.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0643		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0643			

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Client Matrix: Water

Date Sampled: 07/21/2009 1251

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-82459	Instrument ID:	BVMH5973
Preparation:	5030B			Lab File ID:	2HG2727.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0643			Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0643				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	103		70 - 130	
Dibromofluoromethane	110		70 - 130	
Toluene-d8 (Surr)	100		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Date Sampled: 07/21/2009 1613

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2729.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0717		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0717			

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Client Matrix: Water

Date Sampled: 07/21/2009 1613

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2729.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0717		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0717			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	101		70 - 130	
Dibromofluoromethane	109		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Date Sampled: 07/21/2009 1818

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2730.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0734		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0734			

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Client Matrix: Water

Date Sampled: 07/21/2009 1818

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2730.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0734		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0734			

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	112		70 - 130	
Toluene-d8 (Surr)	100		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-30755-10

Date Sampled: 07/21/2009 0000

Client Matrix: Water

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-82459

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 2HG2731.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 07/28/2009 0752

Final Weight/Volume: 5 mL

Date Prepared: 07/28/2009 0752

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
Bromodichloromethane	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
Dibromochloromethane	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 J3	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 J3	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 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	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

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-30755-10

Client Matrix: Water

Date Sampled: 07/21/2009 0000

Date Received: 07/22/2009 0800

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-82459	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	2HG2731.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/28/2009 0752		Final Weight/Volume:	5 mL
Date Prepared:	07/28/2009 0752			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene	103		70 - 130	
Dibromofluoromethane	110		70 - 130	
Toluene-d8 (Surr)	102		70 - 130	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-30755-1

Date Sampled: 07/21/2009 0710

Client Matrix: Water

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-82309	Initial Weight/Volume:	35.3643 mL
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 1936		Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0099	0.020
Ethylene Dibromide	0.0099	U	0.0099	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	95		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Date Sampled: 07/21/2009 0850

Client Matrix: Water

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-82309	Initial Weight/Volume:	37.0301 mL
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 1956		Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0095	U	0.0095	0.019
Ethylene Dibromide	0.0095	U	0.0095	0.019
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,1,1,2-Tetrachloroethane	85		60 - 140	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Date Sampled: 07/21/2009 1305

Client Matrix: Water

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-82309	Initial Weight/Volume:	36.5334 mL
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2017		Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	84		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Client Matrix: Water

Date Sampled: 07/21/2009 0833

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	35.5503 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2037			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0098	U	0.0098	0.020
Ethylene Dibromide	0.0098	U	0.0098	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	101		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Client Matrix: Water

Date Sampled: 07/21/2009 1016

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	36.3946 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2058			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	94		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Client Matrix: Water

Date Sampled: 07/21/2009 1139

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	36.5943 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2159			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	92		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Client Matrix: Water

Date Sampled: 07/21/2009 1251

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	36.0098 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2239			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0097	U	0.0097	0.019
Ethylene Dibromide	0.0097	U	0.0097	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	95		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Client Matrix: Water

Date Sampled: 07/21/2009 1613

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	35.8694 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2300			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0098	U	0.0098	0.020
Ethylene Dibromide	0.0098	U	0.0098	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	94		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Client Matrix: Water

Date Sampled: 07/21/2009 1818

Date Received: 07/22/2009 0800

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-82476	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-82309	Initial Weight/Volume:	36.6132 mL
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	07/23/2009 2320			Injection Volume:	4 uL
Date Prepared:	07/23/2009 1230			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	101		60 - 140

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-30755-1

Client Matrix: Water

Date Sampled: 07/21/2009 0710

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0156			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	0.50	U	0.50	1.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	250	U	250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1413			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Client Matrix: Water

Date Sampled: 07/21/2009 0850

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0203			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	6.1		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	3.6		0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.37	I	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	7.2		0.50	1.0
Cobalt	0.55		0.15	0.50
Copper	1.3	I	1.1	5.0
Iron	67	I	33	100
Vanadium	3.8	U	3.8	10
Zinc	14	I	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	6400		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1415			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.00030		0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Client Matrix: Water

Date Sampled: 07/21/2009 1305

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-143550	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0209		Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	5.7		1.3	2.5
Barium	6.5		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	6.1		1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	3.6		0.50	1.0
Cobalt	0.45	I	0.15	0.50
Copper	11		1.1	5.0
Iron	4000		33	100
Vanadium	3.8	U	3.8	10
Zinc	21		8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	1700		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch: 660-82319	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1417		Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Client Matrix: Water

Date Sampled: 07/21/2009 0833

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0216			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	3.2	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	1.2	I	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	0.50	U	0.50	1.0
Cobalt	0.35	I	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	75	I	33	100
Vanadium	3.8	U	3.8	10
Zinc	12	I	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	2500		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1419			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Client Matrix: Water

Date Sampled: 07/21/2009 1016

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-143550	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0223		Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	3.7		1.3	2.5
Barium	5.4		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	4.4		0.50	1.0
Cobalt	6.6		0.15	0.50
Copper	10		1.1	5.0
Iron	2700		33	100
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	3500		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch: 660-82319	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1426		Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Client Matrix: Water

Date Sampled: 07/21/2009 1139

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-143550	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0230		Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	2.6		1.3	2.5
Barium	9.2		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	2.8		0.50	1.0
Cobalt	7.6		0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	7300		33	100
Vanadium	3.8	U	3.8	10
Zinc	8.3	I	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	3200		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch: 660-82319	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1428		Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Client Matrix: Water

Date Sampled: 07/21/2009 1251

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0236			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	21		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.24	I	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	1.5		0.50	1.0
Cobalt	1.4		0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	120		33	100
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	2500		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1431			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Date Sampled: 07/21/2009 1613

Client Matrix: Water

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0256			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	11		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	5.5		0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.15	I	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	2.1		0.50	1.0
Cobalt	0.39	I	0.15	0.50
Copper	15		1.1	5.0
Iron	91	I	33	100
Vanadium	3.8	U	3.8	10
Zinc	41		8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	4500		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1433			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Date Sampled: 07/21/2009 1818

Client Matrix: Water

Date Received: 07/22/2009 0800

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch:	680-143770	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-143550	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	07/25/2009 0303			Final Weight/Volume:	250 mL
Date Prepared:	07/23/2009 1215				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	25		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	2.1		0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.11	I	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	4.4		0.50	1.0
Cobalt	0.30	I	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	150		33	100
Vanadium	3.8	U	3.8	10
Zinc	13	I	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	12000		250	500

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	660-82358	Instrument ID:	PS200II
Preparation:	7470A	Prep Batch:	660-82319	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	07/24/2009 1436			Final Weight/Volume:	25 mL
Date Prepared:	07/24/2009 1015				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: Equipment Blank

Lab Sample ID: 660-30755-1

Date Sampled: 07/21/2009 0710

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1354							
Chloride	0.20	U	mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82721 Date Analyzed: 08/01/2009 1126							
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Date Sampled: 07/21/2009 0850

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1357							
Chloride	4.3		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82721 Date Analyzed: 08/01/2009 1159							
Total Dissolved Solids	94		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	4.3		mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Date Sampled: 07/21/2009 1305

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.012	I	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1358							
Chloride	3.0		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82721 Date Analyzed: 08/01/2009 1336							
Total Dissolved Solids	37		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Date Sampled: 07/21/2009 0833

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1400							
Chloride	3.2		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82721 Date Analyzed: 08/01/2009 1409							
Total Dissolved Solids	25		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Date Sampled: 07/21/2009 1016

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1401							
Chloride	5.6		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82851 Date Analyzed: 08/04/2009 1729							
Total Dissolved Solids	56		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Date Sampled: 07/21/2009 1139

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.023		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-82623	Date Analyzed: 07/30/2009	1402				
Chloride	4.3		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-82851	Date Analyzed: 08/04/2009	1801				
Total Dissolved Solids	46		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 640-58978	Date Analyzed: 07/24/2009	0828				
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-82236	Date Analyzed: 07/22/2009	1435				

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Client Matrix: Water

Date Sampled: 07/21/2009 1251

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1403							
Chloride	3.6		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82851 Date Analyzed: 08/04/2009 1834							
Total Dissolved Solids	300		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Date Sampled: 07/21/2009 1613

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1404							
Chloride	5.5		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82851 Date Analyzed: 08/05/2009 0701							
Total Dissolved Solids	36		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.82		mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

General Chemistry

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Date Sampled: 07/21/2009 1818

Client Matrix: Water

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	0.010	U	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-82623 Date Analyzed: 07/30/2009 1405							
Chloride	6.1		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-82851 Date Analyzed: 08/04/2009 2011							
Total Dissolved Solids	92		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 640-58978 Date Analyzed: 07/24/2009 0828							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-82236 Date Analyzed: 07/22/2009 1435							

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-1R

Lab Sample ID: 660-30755-2

Client Matrix: Water

Date Sampled: 07/21/2009 0850

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 0850
Field pH	5.23		SU	1.0	Field Sampling	660-82698	07/21/2009 0850
Field Temperature	24.2		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 0850
Oxygen, Dissolved	4.25		mg/L	1.0	Field Sampling	660-82698	07/21/2009 0850
Specific Conductance	88		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 0850
Turbidity	2.55		NTU	1.0	Field Sampling	660-82698	07/21/2009 0850
Water Level	112.82		ft	1.0	Field Sampling	660-82698	07/21/2009 0850

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-15

Lab Sample ID: 660-30755-3

Client Matrix: Water

Date Sampled: 07/21/2009 1305

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed	Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 1305	
Field pH	4.19		SU	1.0	Field Sampling	660-82698	07/21/2009 1305	
Field Temperature	24.2		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 1305	
Oxygen, Dissolved	0.24		mg/L	1.0	Field Sampling	660-82698	07/21/2009 1305	
Specific Conductance	43		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 1305	
Turbidity	4.43		NTU	1.0	Field Sampling	660-82698	07/21/2009 1305	
Water Level	118.42		ft	1.0	Field Sampling	660-82698	07/21/2009 1305	

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-2

Lab Sample ID: 660-30755-4

Client Matrix: Water

Date Sampled: 07/21/2009 0833

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 0833
Field pH	3.85		SU	1.0	Field Sampling	660-82698	07/21/2009 0833
Field Temperature	22.5		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 0833
Oxygen, Dissolved	5.74		mg/L	1.0	Field Sampling	660-82698	07/21/2009 0833
Specific Conductance	27		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 0833
Turbidity	3.73		NTU	1.0	Field Sampling	660-82698	07/21/2009 0833
Water Level	129.65		ft	1.0	Field Sampling	660-82698	07/21/2009 0833

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-13

Lab Sample ID: 660-30755-5

Client Matrix: Water

Date Sampled: 07/21/2009 1016

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 1016
Field pH	5.19		SU	1.0	Field Sampling	660-82698	07/21/2009 1016
Field Temperature	23.9		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 1016
Oxygen, Dissolved	0.57		mg/L	1.0	Field Sampling	660-82698	07/21/2009 1016
Specific Conductance	89		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 1016
Turbidity	4.75		NTU	1.0	Field Sampling	660-82698	07/21/2009 1016
Water Level	106.72		ft	1.0	Field Sampling	660-82698	07/21/2009 1016

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-17

Lab Sample ID: 660-30755-6

Client Matrix: Water

Date Sampled: 07/21/2009 1139

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 1139
Field pH	4.86		SU	1.0	Field Sampling	660-82698	07/21/2009 1139
Field Temperature	24.3		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 1139
Oxygen, Dissolved	0.21		mg/L	1.0	Field Sampling	660-82698	07/21/2009 1139
Specific Conductance	61		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 1139
Turbidity	4.98		NTU	1.0	Field Sampling	660-82698	07/21/2009 1139
Water Level	105.95		ft	1.0	Field Sampling	660-82698	07/21/2009 1139

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-14

Lab Sample ID: 660-30755-7

Client Matrix: Water

Date Sampled: 07/21/2009 1251

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 1251
Field pH	6.77		SU	1.0	Field Sampling	660-82698	07/21/2009 1251
Field Temperature	23.9		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 1251
Oxygen, Dissolved	0.17		mg/L	1.0	Field Sampling	660-82698	07/21/2009 1251
Specific Conductance	519		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 1251
Turbidity	4.86		NTU	1.0	Field Sampling	660-82698	07/21/2009 1251
Water Level	102.33		ft	1.0	Field Sampling	660-82698	07/21/2009 1251

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-3

Lab Sample ID: 660-30755-8

Client Matrix: Water

Date Sampled: 07/21/2009 1613

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed	Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009	1613
Field pH	4.39		SU	1.0	Field Sampling	660-82698	07/21/2009	1613
Field Temperature	28.3		Degrees C	1.0	Field Sampling	660-82698	07/21/2009	1613
Oxygen, Dissolved	3.39		mg/L	1.0	Field Sampling	660-82698	07/21/2009	1613
Specific Conductance	50		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009	1613
Turbidity	4.06		NTU	1.0	Field Sampling	660-82698	07/21/2009	1613
Water Level	113.84		ft	1.0	Field Sampling	660-82698	07/21/2009	1613

Analytical Data

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Field Service / Mobile Lab

Client Sample ID: MW-7

Lab Sample ID: 660-30755-9

Client Matrix: Water

Date Sampled: 07/21/2009 1818

Date Received: 07/22/2009 0800

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed	Date Prepared
Color	Clear		Color Units	1.0	Field Sampling	660-82698	07/21/2009 1818	
Field pH	5.45		SU	1.0	Field Sampling	660-82698	07/21/2009 1818	
Field Temperature	28.2		Degrees C	1.0	Field Sampling	660-82698	07/21/2009 1818	
Oxygen, Dissolved	0.26		mg/L	1.0	Field Sampling	660-82698	07/21/2009 1818	
Specific Conductance	134		umhos/cm	1.0	Field Sampling	660-82698	07/21/2009 1818	
Turbidity	4.83		NTU	1.0	Field Sampling	660-82698	07/21/2009 1818	
Water Level	123.31		ft	1.0	Field Sampling	660-82698	07/21/2009 1818	

DATA REPORTING QUALIFIERS

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

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.
GC Semi 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.
Metals		
	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.
General Chemistry		
	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.

QUALITY CONTROL RESULTS

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
660-30755-1	Equipment Blank	101	107	98
660-30755-2	MW-1R	100	109	100
660-30755-3	MW-15	101	108	99
660-30755-4	MW-2	101	110	97
660-30755-5	MW-13	102	108	98
660-30755-6	MW-17	103	108	98
660-30755-7	MW-14	103	110	100
660-30755-8	MW-3	101	109	98
660-30755-9	MW-7	102	112	100
660-30755-10	Trip Blank	103	110	102
MB 660-82459/2		101	108	99
LCS 660-82459/1		101	109	98
660-30755-6 MS	MW-17 MS	101	112	100
660-30755-7 DU	MW-14 DU	101	107	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Surrogate Recovery Report

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCEA1 %Rec
660-30755-1	Equipment Blank	95
660-30755-2	MW-1R	85
660-30755-3	MW-15	84
660-30755-4	MW-2	101
660-30755-5	MW-13	94
660-30755-6	MW-17	92
660-30755-7	MW-14	95
660-30755-8	MW-3	94
660-30755-9	MW-7	101
MB 660-82309/1-A		85
LCS 660-82309/2-A		83
660-30729-J-1-B MS		61

Surrogate	Acceptance Limits
TCEA = 1,1,1,2-Tetrachloroethane	60-140

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82459

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-82459/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2009 0425
Date Prepared: 07/28/2009 0425

Analysis Batch: 660-82459
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 2HG2719.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
Bromodichloromethane	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
Dibromochloromethane	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.

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82459

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-82459/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2009 0425
Date Prepared: 07/28/2009 0425

Analysis Batch: 660-82459
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 2HG2719.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	101	70 - 130		
Dibromofluoromethane	108	70 - 130		
Toluene-d8 (Surr)	99	70 - 130		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Control Sample - Batch: 660-82459

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-82459/1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/28/2009 0259

Date Prepared: 07/28/2009 0259

Analysis Batch: 660-82459

Prep Batch: N/A

Units: ug/L

Instrument ID: BVMH GC/MS

Lab File ID: 2HG2714.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	122	122	62 - 142	
Acrylonitrile	200	208	104	10 - 183	
Benzene	20.0	23.8	119	64 - 140	
Chlorobromomethane	20.0	22.1	111	59 - 130	
Bromodichloromethane	20.0	19.4	97	70 - 130	
Bromoform	20.0	15.7	79	65 - 130	
Carbon disulfide	10.0	13.3	133	30 - 184	
Carbon tetrachloride	20.0	20.5	103	53 - 145	
Chlorobenzene	20.0	20.0	100	70 - 130	
Chloroethane	20.0	19.6	98	39 - 174	
Chloroform	20.0	21.7	109	59 - 130	
Dibromochloromethane	20.0	17.3	87	70 - 130	
1,2-Dibromo-3-Chloropropane	20.0	16.5	82	52 - 130	
Ethylene Dibromide	20.0	18.9	94	65 - 130	
1,2-Dichlorobenzene	20.0	19.2	96	70 - 130	
1,4-Dichlorobenzene	20.0	19.3	96	70 - 130	
trans-1,4-Dichloro-2-butene	20.0	10.4	52	70 - 130	J3
1,1-Dichloroethane	20.0	22.8	114	60 - 132	
1,2-Dichloroethane	20.0	20.2	101	70 - 130	
1,1-Dichloroethene	20.0	22.5	113	51 - 157	
cis-1,2-Dichloroethene	20.0	18.4	92	61 - 130	
trans-1,2-Dichloroethene	20.0	25.2	126	55 - 145	
1,2-Dichloropropane	20.0	20.0	100	70 - 130	
cis-1,3-Dichloropropene	20.0	14.2	71	70 - 130	
trans-1,3-Dichloropropene	20.0	13.5	68	62 - 130	
Ethylbenzene	20.0	21.9	110	69 - 131	
2-Hexanone	100	101	101	57 - 148	
Bromomethane	20.0	16.4	82	14 - 184	
Chloromethane	20.0	15.8	79	35 - 153	
Dibromomethane	20.0	17.8	89	70 - 130	
Methylene Chloride	20.0	20.5	102	57 - 130	
2-Butanone (MEK)	100	106	106	63 - 140	
Iodomethane	20.0	8.93	45	70 - 130	J3
4-Methyl-2-pentanone (MIBK)	100	97.9	98	64 - 137	
Styrene	20.0	17.8	89	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	20.2	101	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	67 - 130	
Tetrachloroethene	20.0	30.6	153	47 - 143	J3
Toluene	20.0	21.4	107	70 - 131	
1,1,1-Trichloroethane	20.0	22.2	111	57 - 135	
1,1,2-Trichloroethane	20.0	19.0	95	69 - 130	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Control Sample - Batch: 660-82459

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-82459/1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/28/2009 0259

Date Prepared: 07/28/2009 0259

Analysis Batch: 660-82459

Prep Batch: N/A

Units: ug/L

Instrument ID: BVMH GC/MS

Lab File ID: 2HG2714.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Trichloroethene	20.0	22.4	112	59 - 142	
Trichlorofluoromethane	20.0	22.3	112	62 - 147	
1,2,3-Trichloropropane	20.0	17.6	88	62 - 130	
Vinyl acetate	30.4	18.1	60	10 - 166	
Vinyl chloride	20.0	18.8	94	48 - 147	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Matrix Spike - Batch: 660-82459

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-30755-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2009 0809
Date Prepared: 07/28/2009 0809

Analysis Batch: 660-82459
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 2HG2732.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	100	111	111	62 - 142	
Acrylonitrile	1.2	U	200	214	107	10 - 183	
Benzene	0.50	U	20.0	24.8	124	64 - 140	
Chlorobromomethane	0.58	U	20.0	22.9	115	59 - 130	
Bromodichloromethane	0.35	U	20.0	19.4	97	70 - 130	
Bromoform	0.58	U	20.0	15.5	77	65 - 130	
Carbon disulfide	0.85	U	10.0	13.2	132	30 - 184	
Carbon tetrachloride	0.42	U	20.0	21.3	106	53 - 145	
Chlorobenzene	0.63	U	20.0	20.4	102	70 - 130	
Chloroethane	2.5	U	20.0	18.6	93	39 - 174	
Chloroform	0.90	U	20.0	22.2	111	59 - 130	
Dibromochloromethane	0.34	U	20.0	18.4	92	70 - 130	
1,2-Dibromo-3-Chloropropane	2.5	U	20.0	16.1	81	52 - 130	
Ethylene Dibromide	0.50	U	20.0	19.6	98	65 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	19.7	98	70 - 130	
1,4-Dichlorobenzene	0.89	I	20.0	20.0	96	70 - 130	
trans-1,4-Dichloro-2-butene	2.5	U	20.0	17.1	86	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	23.5	117	60 - 132	
1,2-Dichloroethane	0.57	U	20.0	20.0	100	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	22.3	112	51 - 157	
cis-1,2-Dichloroethene	0.75	I	20.0	20.8	100	61 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	26.0	130	55 - 145	
1,2-Dichloropropane	0.52	U	20.0	21.0	105	70 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	18.9	94	70 - 130	
trans-1,3-Dichloropropene	0.14	U	20.0	17.3	87	62 - 130	
Ethylbenzene	0.44	U	20.0	21.2	106	69 - 131	
2-Hexanone	4.4	U	100	101	101	57 - 148	
Bromomethane	2.5	U	20.0	12.3	62	14 - 184	
Chloromethane	1.0	U	20.0	12.9	64	35 - 153	
Dibromomethane	0.41	U	20.0	19.0	95	70 - 130	
Methylene Chloride	4.0	U	20.0	19.7	99	57 - 130	
2-Butanone (MEK)	8.4	U	100	105	105	63 - 140	
Iodomethane	2.5	U	20.0	8.28	41	70 - 130	J3
4-Methyl-2-pentanone (MIBK)	3.8	U	100	99.5	99	64 - 137	
Styrene	0.98	U	20.0	17.6	88	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	19.4	97	70 - 130	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Matrix Spike - Batch: 660-82459

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-30755-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2009 0809
Date Prepared: 07/28/2009 0809

Analysis Batch: 660-82459
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 2HG2732.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	20.0	19.9	100	67 - 130	
Tetrachloroethene	0.50	U	20.0	20.0	100	47 - 143	
Toluene	0.51	U	20.0	22.0	110	70 - 131	
1,1,1-Trichloroethane	0.46	U	20.0	22.7	114	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	19.8	99	69 - 130	
Trichloroethene	0.50	U	20.0	22.9	114	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	20.5	103	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	17.4	87	62 - 130	
Vinyl acetate	1.5	U	30.4	21.0	69	10 - 166	
Vinyl chloride	0.50	U	20.0	17.0	85	48 - 147	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Duplicate - Batch: 660-82459

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-30755-7

Analysis Batch: 660-82459

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 2HG2728.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 07/28/2009 0700

Final Weight/Volume: 5 mL

Date Prepared: 07/28/2009 0700

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
Bromodichloromethane	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
Dibromochloromethane	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 J3
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 J3
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 J3
Toluene	0.51	U	0.51	NC	30	U

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Duplicate - Batch: 660-82459

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-30755-7

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/28/2009 0700

Date Prepared: 07/28/2009 0700

Analysis Batch: 660-82459

Prep Batch: N/A

Units: ug/L

Instrument ID: BVMH GC/MS

Lab File ID: 2HG2728.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	101		70 - 130			
Dibromofluoromethane	107		70 - 130			
Toluene-d8 (Surr)	100		70 - 130			

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82309

Method: 8011
Preparation: 8011

Lab Sample ID: MB 660-82309/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/23/2009 1627
Date Prepared: 07/23/2009 1230

Analysis Batch: 660-82476
Prep Batch: 660-82309
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1G23U011.D
Initial Weight/Volume: 34.9616 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec		Acceptance Limits	
1,1,1,2-Tetrachloroethane	85		60 - 140	

Lab Control Sample - Batch: 660-82309

Method: 8011
Preparation: 8011

Lab Sample ID: LCS 660-82309/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/23/2009 1648
Date Prepared: 07/23/2009 1230

Analysis Batch: 660-82476
Prep Batch: 660-82309
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1G23U012.D
Initial Weight/Volume: 34.9884 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.250	0.198	79	60 - 140	
Ethylene Dibromide	0.250	0.218	87	60 - 140	

Matrix Spike - Batch: 660-82309

Method: 8011
Preparation: 8011

Lab Sample ID: 660-30729-J-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/23/2009 1731
Date Prepared: 07/23/2009 1230

Analysis Batch: 660-82476
Prep Batch: 660-82309
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1G23U014.D
Initial Weight/Volume: 37.3056 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0096	U	0.235	0.136	58	60 - 140	J3
Ethylene Dibromide	0.0096	U	0.235	0.148	63	60 - 140	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 680-143550

Lab Sample ID: MB 680-143550/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/25/2009 0015
Date Prepared: 07/23/2009 1215

Analysis Batch: 680-143770
Prep Batch: 680-143550
Units: ug/L

Method: 6020 Preparation: 3005A Total Recoverable

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
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Lead	0.20	U	0.20	1.5
Selenium	1.0	U	1.0	2.5
Cadmium	0.095	U	0.095	0.50
Silver	0.25	U	0.25	1.0
Chromium	2.5	U	2.5	5.0
Nickel	0.50	U	0.50	1.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Thallium	0.50	U	0.50	1.0
Sodium	250	U	250	500

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Lab Control Sample - Batch: 680-143550

Method: 6020

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-143550/18-A

Analysis Batch: 680-143770

Instrument ID: ICP MS - A

Client Matrix: Water

Prep Batch: 680-143550

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 07/25/2009 0022

Final Weight/Volume: 250 mL

Date Prepared: 07/23/2009 1215

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	54.8	110	75 - 125	
Arsenic	100	104	104	75 - 125	
Barium	100	103	103	75 - 125	
Beryllium	50.0	53.0	106	75 - 125	
Lead	50.0	49.6	99	75 - 125	
Selenium	100	106	106	75 - 125	
Cadmium	50.0	52.0	104	75 - 125	
Silver	50.0	50.6	101	75 - 125	
Chromium	100	101	101	75 - 125	
Nickel	100	104	104	75 - 125	
Cobalt	50.0	49.4	99	75 - 125	
Copper	100	104	104	75 - 125	
Iron	5000	5100	102	75 - 125	
Vanadium	100	102	102	75 - 125	
Zinc	100	106	106	75 - 125	
Thallium	40.0	40.7	102	75 - 125	
Sodium	5000	5000	100	75 - 125	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-143550

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-30729-B-1-B MS Analysis Batch: 680-143770
Client Matrix: Water Prep Batch: 680-143550
Dilution: 1.0
Date Analyzed: 07/25/2009 0048
Date Prepared: 07/23/2009 1215

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

MSD Lab Sample ID: 660-30729-B-1-C MSD Analysis Batch: 680-143770
Client Matrix: Water Prep Batch: 680-143550
Dilution: 1.0
Date Analyzed: 07/25/2009 0055
Date Prepared: 07/23/2009 1215

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	108	104	75 - 125	4	20		
Arsenic	104	100	75 - 125	4	20		
Barium	100	97	75 - 125	3	20		
Beryllium	109	102	75 - 125	6	20		
Lead	98	94	75 - 125	4	20		
Selenium	106	102	75 - 125	3	20		
Cadmium	103	99	75 - 125	3	20		
Silver	99	96	75 - 125	3	20		
Chromium	100	97	75 - 125	3	20		
Nickel	101	97	75 - 125	3	20		
Cobalt	96	93	75 - 125	3	20		
Copper	98	95	75 - 125	3	20		
Iron	103	100	75 - 125	3	20		
Vanadium	101	98	75 - 125	3	20		
Zinc	105	109	75 - 125	4	20		
Thallium	103	99	75 - 125	4	20		
Sodium	98	93	75 - 125	3	20		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82319

Lab Sample ID: MB 660-82319/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 1346
Date Prepared: 07/24/2009 1015

Analysis Batch: 660-82358
Prep Batch: 660-82319
Units: mg/L

Method: 7470A Preparation: 7470A

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Lab Control Sample - Batch: 660-82319

Lab Sample ID: LCS 660-82319/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 1348
Date Prepared: 07/24/2009 1015

Analysis Batch: 660-82358
Prep Batch: 660-82319
Units: mg/L

Method: 7470A Preparation: 7470A

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00100	0.000979	98	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82319

Method: 7470A Preparation: 7470A

MS Lab Sample ID: 660-30753-I-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 1355
Date Prepared: 07/24/2009 1015

Analysis Batch: 660-82358
Prep Batch: 660-82319

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-30753-I-1-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 1357
Date Prepared: 07/24/2009 1015

Analysis Batch: 660-82358
Prep Batch: 660-82319

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	66	66	80 - 120	0	20	J3	J3

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82721

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-82721/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2009 0916
Date Prepared: N/A

Analysis Batch: 660-82721
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-82721

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-82721/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2009 0949
Date Prepared: N/A

Analysis Batch: 660-82721
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.3	103	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82721

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-30755-2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 08/01/2009 1231
Date Prepared: N/A

Analysis Batch: 660-82721
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-30755-2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 08/01/2009 1304
Date Prepared: N/A

Analysis Batch: 660-82721
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	105	105	90 - 110	0	30		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82851

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-82851/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2009 1624
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-82851

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-82851/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2009 1656
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.3	103	90 - 110	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82851

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-30755-7
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 08/04/2009 1906
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-30755-7
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 08/04/2009 1939
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	105	104	90 - 110	1	30		

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82851

Method: 300.0

MS Lab Sample ID: 660-30867-A-5 MS ^4
Client Matrix: Water
Dilution: 8.0
Date Analyzed: 08/08/2009 0204
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-30867-A-5 MSD ^4
Client Matrix: Water
Dilution: 8.0
Date Analyzed: 08/08/2009 0236
Date Prepared: N/A

Analysis Batch: 660-82851
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	-6	31	90 - 110	6	30	J3	J3

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82623

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-82623/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2009 1351
Date Prepared: N/A

Analysis Batch: 660-82623
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-82623

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-82623/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2009 1353
Date Prepared: N/A

Analysis Batch: 660-82623
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.501	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82623

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-30755-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2009 1355
Date Prepared: N/A

Analysis Batch: 660-82623
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-30755-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2009 1356
Date Prepared: N/A

Analysis Batch: 660-82623
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	95	92	90 - 110	4	30		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 660-82236

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-82236/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/22/2009 1435
Date Prepared: N/A

Analysis Batch: 660-82236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-82236

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-82236/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/22/2009 1435
Date Prepared: N/A

Analysis Batch: 660-82236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	1.06	106	90 - 110	
Nitrite as N	1.00	0.979	98	90 - 110	

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-82236

Method: 353.2
Preparation: N/A

MS Lab Sample ID: 660-30755-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/22/2009 1435
Date Prepared: N/A

Analysis Batch: 660-82236
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-30755-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/22/2009 1435
Date Prepared: N/A

Analysis Batch: 660-82236
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	100	105	90 - 110	3	30		
Nitrite as N	100	98	90 - 110	2	30		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Method Blank - Batch: 640-58978

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 640-58978/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 0828
Date Prepared: N/A

Analysis Batch: 640-58978
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Result	Qual	MDL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 640-58978

Method: SM 2540C
Preparation: N/A

LCS Lab Sample ID: LCS 640-58978/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 0828
Date Prepared: N/A

Analysis Batch: 640-58978
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-58978/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 0828
Date Prepared: N/A

Analysis Batch: 640-58978
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Dissolved Solids	98	103	80 - 120	5	25		

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

Quality Control Results

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Duplicate - Batch: 640-58978

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-30755-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/24/2009 0828
Date Prepared: N/A

Analysis Batch: 640-58978
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Total Dissolved Solids	5.0	U	5.0	NC	25	U

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

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

660-30755

☐ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

☐ Alternate Laboratory Name/Location

Phone:
Fax:

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Serial Number

05164

PROJECT REFERENCE <i>City of Gandy Landfills</i>		PROJECT NO. <i>660-30755</i>		PROJECT LOCATION (STATE)		MATRIX TYPE		REQUIRED ANALYSIS		PAGE		OF	
SAMPLES SIGNATURE <i>[Signature]</i>		P.O. NUMBER		CONTRACT NO.		COMPOSITE (C) OR GRAB (G) INDICATE		UNP 8260 B Appendix 1 Composites 8011 PDB, DBCP, and 123 TCP		UNP 25400 - TDS		UNP 353.2, 300.0, 250	
CLIENT (SITE) PM <i>David Rojas</i>		CLIENT PHONE <i>813-957-6717</i>		CLIENT FAX		AQUEOUS (WATER)		UNP 6620 Metals		HNO ₃ 350.1 - Ammonia (as N)		H ₂ SO ₄	
CLIENT NAME <i>CDM</i>		CLIENT E-MAIL				SOLID OR SEMISOLID							
CLIENT ADDRESS						AIR							
COMPANY CONTRACTING THIS WORK (if applicable)						NONAQUEOUS LIQUID (OIL, SOLVENT....)							
DATE		TIME		SAMPLE IDENTIFICATION				NUMBER OF CONTAINERS SUBMITTED		REMARKS			
7/21/09		7:10		Equipment Blank		6M		3 3 1 1 1 1					
				850 MW-1R									
				1305 MW-15									
				6833 MW-2									
				1016 MW-13									
				1139 MW-17									
				1251 MW-14									
				MW-6									
				MW-3									
				MW-7									
RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)	
EMPTY CONTAINERS								7/21/09		2005			
RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)	
EMPTY CONTAINERS													

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	YES ☐ NO ☐	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
<i>[Signature]</i>	7/21/09	0800				660-30755	2.1 C, 2.3 C, 2.5 C	6607

JOB NUMBER: 6660-30755 Logged in TALS By: Amanda HarrisonCooler Received on (date) 7/22/09 And Opened By (full name): Charles Volz1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.1, 2.3, & 2.5 Degrees Celsius CU-074. Number of H₂SO₄ (sulfuric acid) preserved containers: 9All containers pH < 2? yes 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: 9All 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: 18All containers pH between 6 and 8? NO If not please comment below:MW-2 pH=5.5 MW-3 pH=5.5EQB pH=5 (AFDI water)9. Was chlorine present in any of the unpreserved containers? NO

If yes, which samples? _____

Meter #'s: _____ PAGE: _____ of _____

FS 2200 Groundwater Sampling

PURGING DATA

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

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

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

SAMPLE PRESERVATION

REMARKS:

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

PAGE: _____ of _____

SITE NAME: CDM		SITE LOCATION: Lecanto, FL	
WELL NO: mw-13	SAMPLE ID:		DATE: 7-21-09

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 100 feet to 120 feet	STATIC DEPTH TO WATER (feet): 106.72	PURGE PUMP TYPE OR BAILER: DBP
Measuring Point Elevation (ft/msl) MP Elevation =		- Water Level = Water Level Elevation		

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 117	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 117	PURGING INITIATED AT: 0940	PURGING ENDED AT: 1004	TOTAL VOLUME PURGED (gallons): 2.82
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[illegible]

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Ryan Reich</i>		SAMPLER(S) SIGNATURES: 		SAMPLING INITIATED AT: <i>1004</i>	SAMPLING ENDED AT: <i>1016</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>117</i>		SAMPLE PUMP FLOW RATE (mL per minute):		TUBING MATERIAL CODE: <i>PIE</i>	
FIELD DECONTAMINATION: <i>(Y)</i> N		FIELD-FILTERED: <i>Y</i>	Filtration Equipment Type: <i>(N)</i>	FILTER SIZE: _____ μ m	DUPLICATE: Y <i>(N)</i>

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		
	See			COC				
REMARKS:								

REMARKS:

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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP-SOP-001/01
TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: _____

PAGE: _____ of _____

FS 2200 Groundwater Sampling

SITE NAME: <u>CDM</u>		SITE LOCATION: <u>Leento, FL</u>	
WELL NO: <u>MW 17</u>		SAMPLE ID: _____	
		DATE: <u>7-21-09</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>105.95</u>	PURGE PUMP TYPE OR BAILER: <u>DBP</u>
Measuring Point Elevation (ft/msl) _____ MP Elevation = _____ - Water Level = Water Level Elevation				
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY only fill out if applicable) <u>1205 = 118.0</u> feet - <u>105.95</u> feet X <u>16</u> gallons/foot = <u>1.92</u> 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): 116			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 116			PURGING INITIATED AT: 1053		PURGING ENDED AT: 1129		TOTAL VOLUME PURGED (gallons): 4.32		
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/c m or us/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR	H2O Level
1109	1.92	1.92	.12	106.72	4.82	24.2	58	.36	14.3	11	11	
1113	.48	2.40	.12	106.72	4.82	24.2	68	.30	10.4	11	11	
1117	.48	2.88	.12	106.72	4.83	24.2	63	.26	8.51	11	11	
1121	.48	3.36	.12	106.72	4.88	24.3	61	.21	7.93	11	11	
1125	.48	3.84	.12	106.72	4.87	24.3	61	.22	7.96	11	11	
1129	.48	4.32	.12	106.72	4.86	24.3	61	.21	4.98	11	11	

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: <u>Ryan Reich</u>		SAMPLER(S) SIGNATURES: _____		SAMPLING INITIATED AT: <u>1129</u>		SAMPLING ENDED AT: <u>1139</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>116</u>		SAMPLE PUMP FLOW RATE (mL per minute): _____		TUBING MATERIAL CODE: <u>PE</u>			
FIELD DECONTAMINATION: <u>(Y)</u> N		FIELD-FILTERED: <u>(Y)</u> N		FILTER SIZE: _____ µm		DUPLICATE: Y <u>(N)</u>	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	
REMARKS: _____							
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)							
SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump							
EQUIPMENT CODES: 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)

PAGE: _____ of _____

SITE NAME: CDM		SITE LOCATION: Lecanto FL	
WELL NO: MW-14	SAMPLE ID:		DATE: 7-21-09

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 96 feet to 116 feet	STATIC DEPTH TO WATER (feet): 102.3	PURGE PUMP TYPE OR BAILER: DDP
Measuring Point Elevation (ft/msl) MP Elevation =		- Water Level = Water Level Elevation		

only fill out if applicable) $13.67 = (116.0 \text{ feet} - 102.33 \text{ feet}) \times 16 \text{ gallons/foot} = 2.14 \text{ gallons}$

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): 115	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 115	PURGING INITIATED AT: 1215	PURGING ENDED AT: 1242	TOTAL VOLUME PURGED (gallons): 3.84
---	---	-------------------------------	---------------------------	--

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Ryan Reich</i>		SAMPLER(S) SIGNATURES: <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1242</i>	SAMPLING ENDED AT: <i>1257</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>115</i>		SAMPLE PUMP FLOW RATE (mL per minute):		TUBING MATERIAL CODE: <i>PE</i>	
FIELD DECONTAMINATION: ☒ N		FIELD-FILTERED: Y ☐ N ☐ FILTER SIZE: _____ μm		DUPLICATE: Y ☐ N ☒	

REMARKS:

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

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

SITE NAME: CDM		SITE LOCATION: Levento FL	
WELL NO: MW-3	SAMPLE ID:		DATE: 3-21-09

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 117.84	PURGE PUMP TYPE OR BAILER: PBD
Measuring Point Elevation (ft/msl) MP Elevation =		- Water Level = Water Level Elevation		

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

only fill out if applicable)

$$5.96 = (119.8 \text{ feet} - 113.84 \text{ feet}) \times 16 \text{ gallons/foot} = 95 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

(only fill out if applicable)

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING
DEPTH IN WELL (feet):

FINAL PUMP OR TUBING
DEPTH IN WELL (feet):

PURGING
INITIATED AT: 1512

PURGING
ENDED AT: 11556

TOTAL VOLUME
BURGED (gallons): 132[illegible]

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Ryan Rejch</i>				SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1556</i>		SAMPLING ENDED AT: <i>1613</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>117</i>				SAMPLE PUMP FLOW RATE (mL per minute):			TUBING MATERIAL CODE: <i>PE</i>			
FIELD DECONTAMINATION: <i>(B)</i> N				FIELD-FILTERED: Y <i>(N)</i> Filtration Equipment Type:			FILTER SIZE: _____ µm		DUPLICATE: Y <i>(N)</i>	
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				
<i>See COC</i>										
REMARKS: <i>water level below pump</i>										
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. This is a duplicate of the original sample.										

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 = Bailor; 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP-SOP-001/01
TESTAMERICA ORLANDO FIELD SAMPLING LOG

Meter #'s: _____

PAGE: _____ of _____

FS 2200 Groundwater Sampling

SITE NAME: <u>CDM</u>		SITE LOCATION: <u>Lecanto FL</u>	
WELL NO: <u>mw-7</u>		DATE: <u>7-21-09</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: <u>117</u> feet to <u>127</u> feet	STATIC DEPTH TO WATER (feet): <u>123.31</u>	PURGE PUMP TYPE OR BAILER: <u>DBP</u>
Measuring Point Elevation (ft/msl) MP Elevation = _____		- Water Level = Water Level Elevation		

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable

$$15.75 = (139.06 \text{ feet} - 123.31 \text{ feet}) \times 16 \text{ gallons/foot} = 2.52 \text{ gallons}$$

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

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>138</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>138</u>	PURGING INITIATED AT: <u>1628</u>	PURGING ENDED AT: _____	TOTAL VOLUME PURGED (gallons): _____
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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
1655	2.52	2.52	.20	134.66	5.18	24.9	114	1.14	105	Cloudy	no	
1658	.63	3.15	.20	135.16	5.25	25.0	112	.95	77.6	"	"	
1701	.63	3.78	.20	135.68	5.22	25.5	109	.34	49.9	"	"	
1707	.63	4.41	.20	138	5.23	25.6	106	.22	34.3	"	"	
1713	.63	5.04	.20	138	5.24	25.7	105	.21	26.8	"	"	
1719	.63	5.67	.20	138	5.26	26.9	108	.27	25.4	"	"	
1725	.63	6.30	.10	138	5.29	26.9	110	.24	20.5	"	"	
1731	.63	6.93	.10	138	5.34	27.0	116	.20	14.3	Clear	"	
1737	.63	7.56	.10	138	5.39	27.1	122	.21	16.2	"	"	
1743	.63	8.19	.10	138	5.43	27.7	129	.26	10.9	"	"	

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: <u>Ryan Reich</u>		SAMPLER(S) SIGNATURES: _____		SAMPLING INITIATED AT: _____		SAMPLING ENDED AT: _____	
PUMP OR TUBING DEPTH IN WELL (feet): <u>138</u>		SAMPLE PUMP FLOW RATE (mL per minute): _____		TUBING MATERIAL CODE: _____			
FIELD DECONTAMINATION: <u>(Y)</u> N		FIELD-FILTERED: Y N FILTER SIZE: _____ µm		DUPLICATE: Y <u>(N)</u>			

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		

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)

Meter #'s:

PAGE: of

SITE NAME:		SITE LOCATION:	
WELL NO:	MW-7 Cont	SAMPLE ID:	DATE:

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 =				

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
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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):
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[illegible]

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Ryan Reich</i>	SAMPLER(S) SIGNATURES: <i>[Signature]</i>	SAMPLING INITIATED AT: <i>1801</i>	SAMPLING ENDED AT: <i>1818</i>
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: <i>PE</i>	
FIELD DECONTAMINATION: <i>(Y)</i> N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: _____ μ m	DUPLICATE: Y <i>(N)</i>

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		
See COL								

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

PAGE: 7 of 7

SITE NAME: Citrus County Landfill		SITE LOCATION: Lacanto	
WELL NO: M4-1B	SAMPLE ID:		DATE: 7-21-09

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/8	WELL SCREEN INTERVAL DEPTH: 115 feet to 125 feet	STATIC DEPTH TO WATER (feet): 112.82	PURGE PUMP TYPE OR BAILER:	BP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable

14.98 = (117.8 feet - 112.52 feet) X .16 gallons/foot = 2.39 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 122	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 122	PURGING INITIATED AT: 715	PURGING ENDED AT: 830	TOTAL VOLUME PURGED (gallons): 3.6
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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

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		
W-1A	1	PE	500	UMP	500	5	7.5	DP
↓	1	↓	250	UMP	250	5	353.2	
↓	1	↓	250	H ₂ SO ₄	250	>1	350.1	
↓	1	↓	250	HNO ₃	250	>1	6020	
↓	6		40	UMP	40	5	8260 B	↓

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)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ 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

PAGE: 1 of 1

FS 2200 Groundwater Sampling

SITE NAME: Citrus County Landfill		SITE LOCATION: Lacanto	
WELL NO: Equipment Blank	SAMPLE ID:		DATE: 7-21-07

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)

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	

[illegible]

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: <i>Shawn Victory</i>	SAMPLER(S) SIGNATURES: <i>Shawn Victory</i>	SAMPLING INITIATED AT: <i>705</i>	SAMPLING ENDED AT: <i>710</i>
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: <i>PE</i>	
FIELD DECONTAMINATION: Y ☒ N	FIELD-FILTERED: Y ☒ N Filtration Equipment Type:	FILTER SIZE: _____ μ m	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		
Equipment	1	PE	500	UMP	500	7	TDS	PE
Blank	1	↓	250	UMP	250	7	350.2	↓
	1	↓	250	H ₂ O ₄	250	7.1	350.1	↓
	1	↓	250	HNO ₃	250	7.1	602.0	↓
	4	CG	40	UMP	UMP	7	826.3	↓

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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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SITE NAME: Citrus County Landfill		SITE LOCATION: Cacanto	
WELL NO: MW-15	SAMPLE ID:		DATE: 7-21-09

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 110 feet to 130 feet	STATIC DEPTH TO WATER (feet): 12.6	PURGE PUMP TYPE OR BAILER: BP
Measuring Point Elevation (ft/msl) MP Elevation =		- Water Level = Water Level Elevation		

only fill out if applicable) $11.18 = (129.6 \text{ feet} - 118.42 \text{ feet}) \times -16 \text{ gallons/foot} = 1.78 \text{ gallons}$

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 124	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 124	PURGING INITIATED AT: 1202	PURGING ENDED AT: 1250	TOTAL VOLUME PURGED (gallons): 33
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[illegible]

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

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		
mu-15	1	PE	500	UNP	500	4.8	TDS	BP
	1		150	UNP	150	4.1	353.2	
	1		250	H ₂ SO ₄	250	>1	350.1	
	1		250	HNO ₃	250	>1	6020	
	6	CG	40	UNP	40	4.1	8260 B	

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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Login Sample Receipt Check List

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Login Number: 30755

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	2.1, 2.3, and 2.5 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.	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.	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.	False	split off for Hg to keep in house for all samples.
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: 660-30755-1

Login Number: 30755
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 07/23/09 09:13 AM

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.	True	
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?	False	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: Camp Dresser & McKee Inc

Job Number: 660-30755-1

Login Number: 30755
Creator: Alsheimer, Carl
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 07/23/09 08:24 AM

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	