



Post Office Box 8043
Madison, WI 53708-8043

**Madison-Kipp
Corporation**

201 Waubesa Street
Madison, WI 53704-5728

December 7, 2015

Alan Hopfensperger
Hydrogeologist
Wisconsin Department of Natural Resources
South Central Region
3911 Fish Hatchery Rd.
Fitchburg, WI 53711

Subject: Discharge Monitoring Report - Groundwater Extraction and Treatment System,
Madison Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin

Dear Mr. Hopfensperger,

The Groundwater Extraction and Treatment System (GETS) ran for the month of November, with the exception of maintenance activities. This letter summarizes the activities completed in November 2015 as part of the GETS at the Madison Kipp Corporation (MKC) site under the Wisconsin Pollution Discharge Elimination System (WPDES) Permit WI-0046566-6. Compliance samples were collected on November 9, 2015 per the WPDES permit, including visual monitoring for sodium permanganate neutralization. The compliance sample results were below the WPDES discharge limits. The Discharge Monitoring Report is included as Attachment A and laboratory reports are included as Attachment B.

The GETS did not operate from November 15th through November 23rd and November 24th through the 30th due to maintenance issues including an issue with the hydrogen peroxide transducer and a delay in hydrogen peroxide delivery to our plant. We continue to have Arcadis onsite to address these issues.

If you have any questions or need additional information, please contact myself at asatkoski@madison-kipp.com or (608) 242-5200.

Alina Satkoski

Madison Kipp Corporation

Attachment A Discharge Monitoring Report Form

Attachment B Laboratory Reports

Copies:

Jennine Trask - Arcadis (electronic)

Mike Schmoller - WDNR (electronic)

George Parrino - Madison Department of Health (electronic)

FOOTNOTES:

- (1) Total BETX is the sum of the benzene, ethylbenzene, toluene and xylene concentrations.
- (2) PAH group of 10 (Polynuclear Aromatic Hydrocarbons) include the sum of the following individual compounds: benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene
- (3) Madison Kipp/Arcadis will conduct visual monitoring for this compound.

DIRECTIONS:

- ☞ For "Outfall # and Description" enter the number of the outfall you are reporting (001 or 002, etc.)
- ☞ Monitoring for a given parameter depends on if the discharge is to surface water or groundwater.
- ☞ The value entered must be the highest value of all samples analyzed for that day.
- ☞ Print additional DMRs as necessary for monthly reporting.

RETURN REPORT BY: **February 15, of the year following completion of monitoring**

RETURN TO: **ATTN: Nicholas Bertolas**
Department of Natural Resources
3911 Fish Hatchery Rd.
Fitchburg, WI 53711

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment, (40 CFR 122.5). I also certify that the values being submitted are the actual values found in the samples; no values have been modified or changed in any manner. Wherever I believe a value being reported is inaccurate, I have added an explanation indicating the reasons why the value is inaccurate.

Alina Lattek:

12-7-2015

Signature of Person Completing Form

Date

Alina Lattek:

12-7-2015

Signature of Principal Exec. or Authorized Agent

Date

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-103777-1
Client Project/Site: MadisonKipp GETS

For:
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:
11/11/2015 5:14:31 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Job ID: 500-103777-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-103777-1

Comments

No additional comments.

Receipt

The samples were received on 11/10/2015 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9° C.

Receipt Exceptions

Received Trip Blank not on COC, added to COC and logged in.

GC/MS VOA

Method(s) 624: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent (500-103777-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Client Sample ID: Influent

Lab Sample ID: 500-103777-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	11		2.5	0.82	ug/L	5		624	Total/NA
Tetrachloroethene - DL	2500		50	19	ug/L	50		624	Total/NA
HEM (Oil & Grease)	1.0	J B	5.7	0.61	mg/L	1		1664B	Total/NA
Chloride	110		5.0	1.9	mg/L	25		300.0	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-103777-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.41	ug/L	1		624	Total/NA
Tetrachloroethene	32		1.0	0.37	ug/L	1		624	Total/NA
Trichloroethene	4.7		0.50	0.16	ug/L	1		624	Total/NA
HEM (Oil & Grease)	1.2	J B	5.2	0.57	mg/L	1		1664B	Total/NA
Chloride	110		5.0	1.9	mg/L	25		300.0	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-103777-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL CHI
1664B	HEM and SGT-HEM	1664B	TAL CHI
300.0	Anions, Ion Chromatography	MCAWW	TAL CHI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL CHI

Protocol References:

1664B = 1664B

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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",

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-103777-1	Influent	Water	11/09/15 12:30	11/10/15 10:30
500-103777-2	Effluent	Water	11/09/15 12:40	11/10/15 10:30
500-103777-3	Trip Blank	Water	11/09/15 00:00	11/10/15 10:30

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Client Sample Results

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Client Sample ID: Influent
Date Collected: 11/09/15 12:30
Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.73		2.5	0.73	ug/L			11/11/15 07:18	5
Bromoform	<2.2		5.0	2.2	ug/L			11/11/15 07:18	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			11/11/15 07:18	5
Chloroform	<1.9		5.0	1.9	ug/L			11/11/15 07:18	5
cis-1,2-Dichloroethene	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
Dichlorobromomethane	<1.9		5.0	1.9	ug/L			11/11/15 07:18	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			11/11/15 07:18	5
Methyl bromide	<3.2		10	3.2	ug/L			11/11/15 07:18	5
Methyl chloride	<1.6		5.0	1.6	ug/L			11/11/15 07:18	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
Toluene	<0.76		2.5	0.76	ug/L			11/11/15 07:18	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			11/11/15 07:18	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			11/11/15 07:18	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			11/11/15 07:18	5
Trichloroethene	11		2.5	0.82	ug/L			11/11/15 07:18	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			11/11/15 07:18	5
Xylenes, Total	<2.0		5.0	2.0	ug/L			11/11/15 07:18	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 120					11/11/15 07:18	5
1,2-Dichloroethane-d4 (Surr)	113		75 - 125					11/11/15 07:18	5
Toluene-d8 (Surr)	102		75 - 120					11/11/15 07:18	5

Method: 624 - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2500		50	19	ug/L			11/11/15 07:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 120					11/11/15 07:45	50
1,2-Dichloroethane-d4 (Surr)	115		75 - 125					11/11/15 07:45	50
Toluene-d8 (Surr)	103		75 - 120					11/11/15 07:45	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.0	J B	5.7	0.61	mg/L		11/10/15 18:54	11/10/15 20:37	1
Chloride	110		5.0	1.9	mg/L			11/10/15 19:52	25
Total Suspended Solids	<1.6		5.0	1.6	mg/L			11/10/15 15:38	1

TestAmerica Chicago

Client Sample Results

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Client Sample ID: Effluent
Date Collected: 11/09/15 12:40
Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/11/15 06:51	1
Bromoform	<0.45		1.0	0.45	ug/L			11/11/15 06:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/15 06:51	1
Chloroform	<0.37		1.0	0.37	ug/L			11/11/15 06:51	1
cis-1,2-Dichloroethene	15		1.0	0.41	ug/L			11/11/15 06:51	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			11/11/15 06:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/15 06:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/15 06:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/15 06:51	1
Methyl bromide	<0.65		2.0	0.65	ug/L			11/11/15 06:51	1
Methyl chloride	<0.32		1.0	0.32	ug/L			11/11/15 06:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/15 06:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/15 06:51	1
Tetrachloroethene	32		1.0	0.37	ug/L			11/11/15 06:51	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/15 06:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/15 06:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/15 06:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/15 06:51	1
Trichloroethene	4.7		0.50	0.16	ug/L			11/11/15 06:51	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			11/11/15 06:51	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			11/11/15 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 120		11/11/15 06:51	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 125		11/11/15 06:51	1
Toluene-d8 (Surr)	99		75 - 120		11/11/15 06:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.2	J B	5.2	0.57	mg/L		11/10/15 19:04	11/10/15 20:40	1
Chloride	110		5.0	1.9	mg/L			11/10/15 20:04	25
Total Suspended Solids	<1.6		5.0	1.6	mg/L			11/10/15 15:40	1

Client Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-103777-3

Date Collected: 11/09/15 00:00

Matrix: Water

Date Received: 11/10/15 10:30

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/11/15 05:04	1
Bromoform	<0.45		1.0	0.45	ug/L			11/11/15 05:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/15 05:04	1
Chloroform	<0.37		1.0	0.37	ug/L			11/11/15 05:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/15 05:04	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			11/11/15 05:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/15 05:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/15 05:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/15 05:04	1
Methyl bromide	<0.65		2.0	0.65	ug/L			11/11/15 05:04	1
Methyl chloride	<0.32		1.0	0.32	ug/L			11/11/15 05:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/15 05:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/15 05:04	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/11/15 05:04	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/15 05:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/15 05:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/15 05:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/15 05:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/15 05:04	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			11/11/15 05:04	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			11/11/15 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 120		11/11/15 05:04	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 125		11/11/15 05:04	1
Toluene-d8 (Surr)	105		75 - 120		11/11/15 05:04	1

Definitions/Glossary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

GC/MS VOA

Analysis Batch: 311917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	624	
500-103777-1 - DL	Influent	Total/NA	Water	624	
500-103777-2	Effluent	Total/NA	Water	624	
500-103777-3	Trip Blank	Total/NA	Water	624	
LCS 500-311917/31	Lab Control Sample	Total/NA	Water	624	
MB 500-311917/33	Method Blank	Total/NA	Water	624	

General Chemistry

Prep Batch: 312012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	1664B	
500-103777-2	Effluent	Total/NA	Water	1664B	
LCS 500-312012/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 500-312012/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 312014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	1664B	312012
500-103777-2	Effluent	Total/NA	Water	1664B	312012
LCS 500-312012/2-A	Lab Control Sample	Total/NA	Water	1664B	312012
MB 500-312012/1-A	Method Blank	Total/NA	Water	1664B	312012

Analysis Batch: 312023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	SM 2540D	
500-103777-1 MS	Influent	Total/NA	Water	SM 2540D	
500-103777-2	Effluent	Total/NA	Water	SM 2540D	
LCS 500-312023/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 500-312023/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 312139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	300.0	
500-103777-2	Effluent	Total/NA	Water	300.0	
LCS 500-312139/4	Lab Control Sample	Total/NA	Water	300.0	
MB 500-312139/3	Method Blank	Total/NA	Water	300.0	

Surrogate Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (75-120)	12DCE (75-125)	TOL (75-120)
500-103777-1	Influent	99	113	102
500-103777-1 - DL	Influent	102	115	103
500-103777-2	Effluent	100	105	99
500-103777-3	Trip Blank	97	117	105
LCS 500-311917/31	Lab Control Sample	96	111	101
MB 500-311917/33	Method Blank	98	115	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-311917/33

Matrix: Water

Analysis Batch: 311917

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/11/15 04:38	1
Bromoform	<0.45		1.0	0.45	ug/L			11/11/15 04:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/15 04:38	1
Chloroform	<0.37		1.0	0.37	ug/L			11/11/15 04:38	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/15 04:38	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			11/11/15 04:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/15 04:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/15 04:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/15 04:38	1
Methyl bromide	<0.65		2.0	0.65	ug/L			11/11/15 04:38	1
Methyl chloride	<0.32		1.0	0.32	ug/L			11/11/15 04:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/15 04:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/15 04:38	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/11/15 04:38	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/15 04:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/15 04:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/15 04:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/15 04:38	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/15 04:38	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			11/11/15 04:38	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			11/11/15 04:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 120		11/11/15 04:38	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 125		11/11/15 04:38	1
Toluene-d8 (Surr)	103		75 - 120		11/11/15 04:38	1

Lab Sample ID: LCS 500-311917/31

Matrix: Water

Analysis Batch: 311917

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	45.6		ug/L		91	37 - 151
Bromoform	50.0	39.5		ug/L		79	45 - 169
Carbon tetrachloride	50.0	39.6		ug/L		79	70 - 140
Chloroform	50.0	45.4		ug/L		91	51 - 138
cis-1,2-Dichloroethene	50.0	44.0		ug/L		88	70 - 130
Dichlorobromomethane	50.0	43.7		ug/L		87	35 - 155
1,2-Dichloroethane	50.0	49.0		ug/L		98	49 - 155
1,1-Dichloroethene	50.0	43.9		ug/L		88	10 - 234
Ethylbenzene	50.0	44.1		ug/L		88	37 - 162
Methyl bromide	50.0	39.9		ug/L		80	10 - 242
Methyl chloride	50.0	51.0		ug/L		102	10 - 273
m&p-Xylene	50.0	43.3		ug/L		87	
o-Xylene	50.0	65.4		ug/L		131	
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L		97	46 - 157
Tetrachloroethene	50.0	39.9		ug/L		80	64 - 148
Toluene	50.0	44.2		ug/L		88	47 - 150

TestAmerica Chicago

QC Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-311917/31
Matrix: Water
Analysis Batch: 311917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	50.0	44.8		ug/L		90	54 - 156
1,1,1-Trichloroethane	50.0	40.1		ug/L		80	52 - 162
1,1,2-Trichloroethane	50.0	42.5		ug/L		85	52 - 150
Trichloroethene	50.0	42.1		ug/L		84	71 - 157
Vinyl chloride	50.0	44.2		ug/L		88	10 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	111		75 - 125
Toluene-d8 (Surr)	101		75 - 120

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 500-312012/1-A
Matrix: Water
Analysis Batch: 312014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.50	J	5.0	0.54	mg/L		11/10/15 15:40	11/10/15 19:40	1

Lab Sample ID: LCS 500-312012/2-A
Matrix: Water
Analysis Batch: 312014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	34.3		mg/L		86	78 - 114

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-312139/3
Matrix: Water
Analysis Batch: 312139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.076		0.20	0.076	mg/L			11/10/15 16:11	1

Lab Sample ID: LCS 500-312139/4
Matrix: Water
Analysis Batch: 312139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.00	2.92		mg/L		97	90 - 110

TestAmerica Chicago

QC Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-312023/1
 Matrix: Water
 Analysis Batch: 312023

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.6		5.0	1.6	mg/L			11/10/15 15:15	1

Lab Sample ID: LCS 500-312023/2
 Matrix: Water
 Analysis Batch: 312023

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	200	184		mg/L		92	80 - 120

Lab Sample ID: 500-103777-1 MS
 Matrix: Water
 Analysis Batch: 312023

Client Sample ID: Influent
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	<1.6		100	110		mg/L		110	75 - 125

Lab Chronicle

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Client Sample ID: Influent

Date Collected: 11/09/15 12:30

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	311917	11/11/15 07:18	TCT	TAL CHI
Total/NA	Analysis	624	DL	50	311917	11/11/15 07:45	TCT	TAL CHI
Total/NA	Prep	1664B			312012	11/10/15 18:54	SSF	TAL CHI
Total/NA	Analysis	1664B		1	312014	11/10/15 20:37	SSF	TAL CHI
Total/NA	Analysis	300.0		25	312139	11/10/15 19:52	EAT	TAL CHI
Total/NA	Analysis	SM 2540D		1	312023		SMO	TAL CHI
					(Start)	11/10/15 15:38		
					(End)	11/10/15 15:40		

Client Sample ID: Effluent

Date Collected: 11/09/15 12:40

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	311917	11/11/15 06:51	TCT	TAL CHI
Total/NA	Prep	1664B			312012	11/10/15 19:04	SSF	TAL CHI
Total/NA	Analysis	1664B		1	312014	11/10/15 20:40	SSF	TAL CHI
Total/NA	Analysis	300.0		25	312139	11/10/15 20:04	EAT	TAL CHI
Total/NA	Analysis	SM 2540D		1	312023		SMO	TAL CHI
					(Start)	11/10/15 15:40		
					(End)	11/10/15 15:42		

Client Sample ID: Trip Blank

Date Collected: 11/09/15 00:00

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	311917	11/11/15 05:04	TCT	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-1

Laboratory: TestAmerica Chicago

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999580010	08-31-16

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TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.



500-103777 COC

Report To (optional)
Contact: Alina Satkoski
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
E-Mail: _____

Bill To (optional)
Contact: Accounts Payable
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
PO#/Reference# 106985

Chain of Custody Record

Lab Job #: 500-103777

Chain of Custody Number: _____

Page 1 of 1

Temperature °C of Cooler: 5.9

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		Date		Time		Matrix		
Project Location/State		Lab PM		Date		Time		Matrix		
Sampler		Lab PM		Date		Time		Matrix		
1	INFLUENT	11/9/15	1230	9	W	3	2	2	2	for VOCS + PAA sep attached Added by list. TA
2	EFFLUENT	11/9/15	1240	9	W	3	2	2	2	
3	Trip Blank									

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Alina Satkoski</u>	Company <u>MKC</u>	Date <u>11/9/15</u>	Time <u>1600</u>	Received By <u>Shawn Scott TA-CPT</u>	Company <u>TA-CPT</u>	Date <u>11/10/15</u>	Time <u>1030</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
Shipped: FedEx
Hand Delivered: _____

Matrix Key

- WW - Wastewater
- W - Water
- S - Soil
- SL - Sludge
- MS - Miscellaneous
- OL - Oil
- A - Air
- SE - Sediment
- SO - Soil
- L - Leachate
- WI - Wipe
- DW - Drinking Water
- O - Other

Client Comments

Lab Comments:



00152

500-103777 Waybill

00852

FedEx Package Express *US Airbill*

FedEx Tracking Number **8092 1791 081**

Form ID N **0215**

8092 1791 081

MUR1

MP

21174

1 From: [Redacted]

Date **11/9/15**

Sender's Name **Anna Sotkewski**

Company **MKC**

Address **201 Wabasha St**

City **Madison**

State **WI** ZIP **53704**

2 Your Internal Billing Reference

3 To Recipient's Name **SAMPLE RECEIPT** Phone **4-5200**

Company **TESTAMERICA CHICAGO**

Address **2417 BOND ST**

Address

City **UNIVERSITY PARK**

State **IL** ZIP **60484-01**



8092 1791 0381

fedex.com 1.800.GoFedEx 1.800.463.3339

05735043

4 Express Package Service *To most locations.

Packages up to 150 lbs. For packages over 150 lbs, use the FedEx Express Freight US Airbill.

Next Business Day

FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Priority Overnight
Next business morning. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Standard Overnight
Next business afternoon. Saturday Delivery NOT available.

2 or 3 Business Days

FedEx 2Day A.M.
Second business morning. Saturday Delivery NOT available.

FedEx 2Day
Second business afternoon. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Express Saver
Third business day. Saturday Delivery NOT available.

Packaging *Declared value limit \$500.

FedEx Envelope*

FedEx Pak*

FedEx Box

FedEx Tube

Other

5 Special Handling and Delivery Signature Options Fees May apply. See the FedEx Service Guide.

Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without obtaining signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery.

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.
 Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required.

Dry Ice
Dry Ice, UN 1845 _____ kg

*Options apply for dangerous goods — see the current FedEx Service Guide.

Cargo Aircraft Only

7 Payment Bill to:

Sender Acct. No. in Section 1 will be billed.

Recipient

Third Party

Credit Card

Cash/Check

Total Packages

Total Weight

[Redacted]

Signature Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-103777-1

Login Number: 103777

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	5.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
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	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-103777-2
Client Project/Site: MadisonKipp GETS

For:
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:
11/16/2015 5:39:38 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Job ID: 500-103777-2

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-103777-2

Comments

No additional comments.

Receipt

The samples were received on 11/10/2015 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9° C.

Receipt Exceptions

Received Trip Blank not on COC, added to COC and logged in.

GC/MS Semi VOA

Method(s) 625 SIM: Surrogate recovery for the following sample was outside control limits: Effluent (500-103777-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 625 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-298566.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method(s) SM 5210B: The BOD unseeded control blank (USB) was found outside of the control limit of <0.2 mgO₂/L. The data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Client Sample ID: Influent

Lab Sample ID: 500-103777-1

No Detections.

Client Sample ID: Effluent

Lab Sample ID: 500-103777-2

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Method	Method Description	Protocol	Laboratory
625 SIM	Semivolatile Organic Compounds GC/MS (SIM)	40CFR136A	TAL NSH
SM 5210B	BOD, 5-Day	SM	TAL CHI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-103777-1	Influent	Water	11/09/15 12:30	11/10/15 10:30
500-103777-2	Effluent	Water	11/09/15 12:40	11/10/15 10:30

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Client Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Client Sample ID: Influent

Date Collected: 11/09/15 12:30

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-1

Matrix: Water

Method: 625 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.023		0.046	0.023	ug/L		11/14/15 13:10	11/16/15 16:30	1
Benzo[a]pyrene	<0.023		0.046	0.023	ug/L		11/14/15 13:10	11/16/15 16:30	1
Benzo[b]fluoranthene	<0.023		0.046	0.023	ug/L		11/14/15 13:10	11/16/15 16:30	1
Benzo[g,h,i]perylene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Benzo[k]fluoranthene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Chrysene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Dibenz(a,h)anthracene	<0.023		0.046	0.023	ug/L		11/14/15 13:10	11/16/15 16:30	1
Fluoranthene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Indeno[1,2,3-cd]pyrene	<0.023		0.046	0.023	ug/L		11/14/15 13:10	11/16/15 16:30	1
Naphthalene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Phenanthrene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1
Pyrene	<0.046		0.093	0.046	ug/L		11/14/15 13:10	11/16/15 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	45		29 - 120	11/14/15 13:10	11/16/15 16:30	1
Nitrobenzene-d5	76		27 - 120	11/14/15 13:10	11/16/15 16:30	1
Phenol-d5	31		10 - 120	11/14/15 13:10	11/16/15 16:30	1
Terphenyl-d14	69		13 - 120	11/14/15 13:10	11/16/15 16:30	1
2,4,6-Tribromophenol	82		10 - 120	11/14/15 13:10	11/16/15 16:30	1
2-Fluorobiphenyl (Surr)	72		10 - 120	11/14/15 13:10	11/16/15 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			11/10/15 17:05	1

Client Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Client Sample ID: Effluent
Date Collected: 11/09/15 12:40
Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-2
Matrix: Water

Method: 625 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.022		0.045	0.022	ug/L		11/14/15 13:10	11/16/15 16:56	1
Benzo[a]pyrene	<0.022		0.045	0.022	ug/L		11/14/15 13:10	11/16/15 16:56	1
Benzo[b]fluoranthene	<0.022		0.045	0.022	ug/L		11/14/15 13:10	11/16/15 16:56	1
Benzo[g,h,i]perylene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Benzo[k]fluoranthene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Chrysene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Dibenz(a,h)anthracene	<0.022		0.045	0.022	ug/L		11/14/15 13:10	11/16/15 16:56	1
Fluoranthene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Indeno[1,2,3-cd]pyrene	<0.022		0.045	0.022	ug/L		11/14/15 13:10	11/16/15 16:56	1
Naphthalene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Phenanthrene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1
Pyrene	<0.045		0.089	0.045	ug/L		11/14/15 13:10	11/16/15 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	45		29 - 120	11/14/15 13:10	11/16/15 16:56	1
Nitrobenzene-d5	67		27 - 120	11/14/15 13:10	11/16/15 16:56	1
Phenol-d5	29		10 - 120	11/14/15 13:10	11/16/15 16:56	1
Terphenyl-d14	84		13 - 120	11/14/15 13:10	11/16/15 16:56	1
2,4,6-Tribromophenol	4	X	10 - 120	11/14/15 13:10	11/16/15 16:56	1
2-Fluorobiphenyl (Surr)	81		10 - 120	11/14/15 13:10	11/16/15 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			11/10/15 17:09	1

Definitions/Glossary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

GC/MS Semi VOA

Prep Batch: 298566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	625	
500-103777-2	Effluent	Total/NA	Water	625	
LCS 490-298566/2-A	Lab Control Sample	Total/NA	Water	625	
MB 490-298566/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 298843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	625 SIM	298566
500-103777-2	Effluent	Total/NA	Water	625 SIM	298566
LCS 490-298566/2-A	Lab Control Sample	Total/NA	Water	625 SIM	298566
MB 490-298566/1-A	Method Blank	Total/NA	Water	625 SIM	298566

General Chemistry

Analysis Batch: 311914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-103777-1	Influent	Total/NA	Water	SM 5210B	
500-103777-2	Effluent	Total/NA	Water	SM 5210B	
LCS 500-311914/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 500-311914/1	Method Blank	Total/NA	Water	SM 5210B	

Surrogate Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Method: 625 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	2FP	NBZ	PHL	TPH	TBP	FBP
		(29-120)	(27-120)	(10-120)	(13-120)	(10-120)	(10-120)
500-103777-1	Influent	45	76	31	69	82	72
500-103777-2	Effluent	45	67	29	84	4 X	81
LCS 490-298566/2-A	Lab Control Sample	34	54	22	64	43	57
MB 490-298566/1-A	Method Blank	52	69	32	94	66	79

Surrogate Legend

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl (Surr)

QC Sample Results

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Method: 625 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Lab Sample ID: MB 490-298566/1-A
Matrix: Water
Analysis Batch: 298843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 298566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.025		0.050	0.025	ug/L		11/14/15 13:10	11/16/15 15:13	1
Benzo[a]pyrene	<0.025		0.050	0.025	ug/L		11/14/15 13:10	11/16/15 15:13	1
Benzo[b]fluoranthene	<0.025		0.050	0.025	ug/L		11/14/15 13:10	11/16/15 15:13	1
Benzo[g,h,i]perylene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Benzo[k]fluoranthene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Chrysene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Dibenz(a,h)anthracene	<0.025		0.050	0.025	ug/L		11/14/15 13:10	11/16/15 15:13	1
Fluoranthene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Indeno[1,2,3-cd]pyrene	<0.025		0.050	0.025	ug/L		11/14/15 13:10	11/16/15 15:13	1
Naphthalene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Phenanthrene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1
Pyrene	<0.050		0.10	0.050	ug/L		11/14/15 13:10	11/16/15 15:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	52		29 - 120	11/14/15 13:10	11/16/15 15:13	1
Nitrobenzene-d5	69		27 - 120	11/14/15 13:10	11/16/15 15:13	1
Phenol-d5	32		10 - 120	11/14/15 13:10	11/16/15 15:13	1
Terphenyl-d14	94		13 - 120	11/14/15 13:10	11/16/15 15:13	1
2,4,6-Tribromophenol	66		10 - 120	11/14/15 13:10	11/16/15 15:13	1
2-Fluorobiphenyl (Surr)	79		10 - 120	11/14/15 13:10	11/16/15 15:13	1

Lab Sample ID: LCS 490-298566/2-A
Matrix: Water
Analysis Batch: 298843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 298566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	0.800	0.450		ug/L		56	33 - 143
Benzo[a]pyrene	0.800	0.409		ug/L		51	17 - 163
Benzo[b]fluoranthene	0.800	0.434		ug/L		54	24 - 159
Benzo[g,h,i]perylene	0.800	0.483		ug/L		60	10 - 219
Benzo[k]fluoranthene	0.800	0.461		ug/L		58	11 - 162
Chrysene	0.800	0.481		ug/L		60	17 - 168
Dibenz(a,h)anthracene	0.800	0.475		ug/L		59	10 - 227
Fluoranthene	0.800	0.435		ug/L		54	26 - 137
Indeno[1,2,3-cd]pyrene	0.800	0.463		ug/L		58	10 - 171
Naphthalene	0.800	0.442		ug/L		55	21 - 133
Phenanthrene	0.800	0.453		ug/L		57	54 - 120
Pyrene	0.800	0.451		ug/L		56	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	34		29 - 120
Nitrobenzene-d5	54		27 - 120
Phenol-d5	22		10 - 120
Terphenyl-d14	64		13 - 120
2,4,6-Tribromophenol	43		10 - 120
2-Fluorobiphenyl (Surr)	57		10 - 120

TestAmerica Chicago

QC Sample Results

Client: Madison-Kipp Corporation
 Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 500-311914/1
 Matrix: Water
 Analysis Batch: 311914

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			11/10/15 16:34	1

Lab Sample ID: LCS 500-311914/2
 Matrix: Water
 Analysis Batch: 311914

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	225		mg/L		114	85 - 115

Lab Chronicle

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Client Sample ID: Influent

Date Collected: 11/09/15 12:30

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			298566	11/14/15 13:10	JKG	TAL NSH
Total/NA	Analysis	625 SIM		1	298843	11/16/15 16:30	SNR	TAL NSH
Total/NA	Analysis	SM 5210B		1	311914	11/10/15 17:05 (Start) 11/10/15 17:09 (End)	BJJ	TAL CHI

Client Sample ID: Effluent

Date Collected: 11/09/15 12:40

Date Received: 11/10/15 10:30

Lab Sample ID: 500-103777-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			298566	11/14/15 13:10	JKG	TAL NSH
Total/NA	Analysis	625 SIM		1	298843	11/16/15 16:56	SNR	TAL NSH
Total/NA	Analysis	SM 5210B		1	311914	11/10/15 17:09 (Start) 11/10/15 17:12 (End)	BJJ	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Madison-Kipp Corporation
Project/Site: MadisonKipp GETS

TestAmerica Job ID: 500-103777-2

Laboratory: TestAmerica Chicago

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999580010	08-31-16

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-16
Arkansas DEQ	State Program	6	88-0737	04-25-16
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200010	12-09-15 *
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	01-31-16
Kentucky (UST)	State Program	4	19	06-30-16
Kentucky (WW)	State Program	4	90038	12-31-15
Louisiana	NELAP	6	30613	06-30-16
Maine	State Program	1	TN00032	11-03-17
Maryland	State Program	3	316	03-31-16
Massachusetts	State Program	1	M-TN032	06-30-16
Minnesota	NELAP	5	047-999-345	12-31-16
Mississippi	State Program	4	N/A	06-30-16
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-16
New Hampshire	NELAP	1	2963	10-09-16
New Jersey	NELAP	2	TN965	11-30-15
New York	NELAP	2	11342	03-31-16
North Carolina (WW/SW)	State Program	4	387	12-31-15
North Dakota	State Program	8	R-146	06-30-15 *
Ohio VAP	State Program	5	CL0033	07-10-17
Oklahoma	State Program	6	9412	08-31-16
Oregon	NELAP	10	TN200001	04-27-16
Pennsylvania	NELAP	3	68-00585	06-30-16
Rhode Island	State Program	1	LAO00268	12-30-15
South Carolina	State Program	4	84009 (001)	02-28-16
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-16
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-16
Virginia	NELAP	3	460152	06-14-16
Washington	State Program	10	C789	07-19-16
West Virginia DEP	State Program	3	219	02-28-16
Wisconsin	State Program	5	998020430	08-31-16
Wyoming (UST)	A2LA	8	453.07	12-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Chicago

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.



500-103777 COC

Report To (optional)
Contact: Alina Satkoski
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
E-Mail: _____

Bill To (optional)
Contact: Accounts Payable
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
PO#/Reference# 106985

Chain of Custody Record

Lab Job #: 500-103777

Chain of Custody Number: _____

Page 1 of 1

Temperature °C of Cooler: 5.9

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other			
Project Name		Lab Project #		# of Containers		Matrix		Comments					
Project Location/State		Lab PM		Date		Time							
1	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	1	7	7	2	7		
1		INFLUENT	11/9/15	1230	9	W	3	2	2	2	2		for VOCS +
2		EFFLUENT	11/9/15	1240	9	W	3	2	2	2	2		PAA SED
3		Trip Blank											attached Added by TA list.

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Requested Due Date _____

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Alina Satkoski</u>	Company <u>mkc</u>	Date <u>11/9/15</u>	Time <u>1600</u>	Received By <u>Shawn Scott TA-CPT</u>	Company <u>TA-CPT</u>	Date <u>11/10/15</u>	Time <u>1030</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier _____

Shipped FedEx

Hand Delivered _____

Matrix Key

WW - Wastewater SE - Sediment
W - Water SO - Soil
S - Soil L - Leachate
SL - Sludge WI - Wipe
MS - Miscellaneous DW - Drinking Water
OL - Oil O - Other
A - Air

Client Comments

Lab Comments:



00152

500-103777 Waybill

00852

FedEx Package Express *US Airbill*

FedEx Tracking Number **8092 1791 081**

Form ID **0215**

8092 1791 081

MUR1

MP

21174

1 From: [Redacted]

Date **11/9/15**

Sender's Name **Anna Sotkewski**

Company **MKC**

Address **201 Washington St**

City **Providence**

State **RI** ZIP **02904**

2 Your Internal Billing Reference

3 To Recipient's Name **SAMPLE RECEIPT** Phone **4-5200**

Company **TESTAMERICA CHICAGO**

Address **2417 BOND ST**

Address **UNIVERSITY PARK** State **IL** ZIP **60484-01**



8092 1791 0381

fedex.com 1.800.GoFedEx 1.800.463.3339

05735043

4 Express Package Service *To most locations. Packages up to 150 lbs. For packages over 150 lbs, use the FedEx Express Freight US Airbill.

Next Business Day

FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Priority Overnight
Next business morning. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Standard Overnight
Next business afternoon. Saturday Delivery NOT available.

2 or 3 Business Days

FedEx 2Day A.M.
Second business morning. Saturday Delivery NOT available.

FedEx 2Day
Second business afternoon. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Express Saver
Third business day. Saturday Delivery NOT available.

Packaging *Declared value limit \$500.

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

5 Special Handling and Delivery Signature Options Fees May apply. See the FedEx Service Guide.

Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without obtaining signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery.

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry Ice 9, UN 3845 _____ kg

*Options apply for dangerous goods — see the current FedEx Service Guide. Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash/Check

Total Packages **1** Total Weight **1.30** lbs. **130**

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record



THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)
Client Contact: [Blank] Sampler: [Blank]
Shipping/Receiving: [Blank] Phone: [Blank]
Company: TestAmerica Laboratories, Inc. Lab PM: Fredrick, Sandie J
E-Mail: sandie.fredrick@testamericainc.com
Carrier Tracking No(s): [Blank]

Address: 2980 Foster Creighton Drive, TAT Requested (days): 11/13/2015
City: Nashville
State, Zip: TN, 37204
Phone: 615-726-0177(Tel) 615-726-3404(Fax)
Email: [Blank]
Project Name: Madison/Klpp GETS
Project #: 50009145
Site: [Blank]
SOW#: [Blank]

Due Date Requested: 11/13/2015
Date: [Blank]
Analysis Requested

Field Filtered Sample (Yes or No)
 Perform MS/MSD (Yes or No)
625_SIM/625_Prep_LVI (MOD) Single compound

Special Instructions/Note:
Preservation Codes:
A - HCL M - Hexane
B - NaOH N - None
C - Zn Acetate O - AsNaO2
D - Nitric Acid P - Na2O4S
E - NaHSO4 Q - Na2SO3
F - MeOH R - Na2S2O3
G - Amchlor S - H2SO4
H - Ascorbic Acid T - TSP Dodecylhydrate
I - Ice U - Acetone
J - DI Water V - MCAA
K - EDTA W - ph 4-5
L - EDTA Z - other (Specify)
Other: [Blank]

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Overstool, RT-Tissue, Ash)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers
Influent (500-103777-1)	11/9/15	12:30	Central	Water	X	X	2
Effluent (500-103777-2)	11/9/15	12:40	Central	Water	X	X	2

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)
Special Instructions/QC Requirements:
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: [Blank] Date: [Blank]
Relinquished by: [Signature] Date/Time: 11/10/15 1350 Company: TAT

Relinquished by: [Signature] Date/Time: [Blank] Company: [Blank]
Relinquished by: [Signature] Date/Time: [Blank] Company: [Blank]

Relinquished by: [Blank] Date/Time: [Blank] Company: [Blank]
Relinquished by: [Blank] Date/Time: [Blank] Company: [Blank]

Custody Seals Intact: Yes No
Custody Seal No.: [Blank]
Cooler Temperature(s) °C and Other Remarks: [Blank]

COOLER RECEIPT FORM

Cooler Received/Opened On 11/11/2015 @ 10:00

1. Tracking # 7224 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 25 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) T.T.T.

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (initial) ⊕

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) ⊕

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) ⊕

I certify that I attached a label with the unique LIMS number to each container (initial) ⊕

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-103777-2

Login Number: 103777

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	5.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
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	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-103777-2

Login Number: 103777

List Number: 2

Creator: Ford, Easton

List Source: TestAmerica Nashville

List Creation: 11/11/15 12:05 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	