



Post Office Box 8043
Madison, WI 53708-8043

**Madison-Kipp
Corporation**

201 Waubesa Street
Madison, WI 53704-5728

May 5, 2016

James Brodzeller
Wastewater Specialist
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. Brodzeller,

The Groundwater Extraction and Treatment System (GETS) ran for the month of April, with the exception of routine maintenance activities. This letter summarizes the activities completed in April 2016 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 April 6, 2016 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.

During the month of April, the GETS shut down in order to change out the hydrogen peroxide tank. If you have any questions or need additional information, please contact me 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:

Andrew Stehn - TRC (electronic)

Mike Schmoller - WDNR (electronic)

Wendy Weihemuller - WDNR (electronic)

George Parrino - Madison Department of Health (electronic)

FOOTNOTES:

- (1) Total BETX is the sum of the benzene, ethylbenzene, toluene and xylene concentrations. If all compounds were below their corresponding laboratory detection limits, then the highest detection limit of the BTEX compounds was noted.
- (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. If all compounds were below their corresponding laboratory detection limits, then the highest detection limit of the PAH group compounds was noted
- (3) Madison Kipp/Arcadis/TRC will conduct visual monitoring for this compound.
- (4) No effluent limit is established, refer to section 4 of the permit.
- (5) Compound was found in the blank and in the sample.
- (6) Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the detection limit.
- (7) Matrix Spike and/or Matrix Spike Duplicate Recovery is outside acceptance limits.

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 Lottest

5-5-2016

Signature of Person Completing Form

Date

Alina Lottest

5-5-2016

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: 500-109851-1

Client Project/Site: MadisonKipp - GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

4/11/2016 1:05:51 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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Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	10
QC Association	11
Surrogate Summary	12
QC Sample Results	13
Chronicle	17
Certification Summary	18
Chain of Custody	19
Receipt Checklists	23

Case Narrative

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

TestAmerica Job ID: 500-109851-1

Job ID: 500-109851-1

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-109851-1**

Comments

No additional comments.

Receipt

The samples were received on 4/7/2016 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6° C.

Receipt Exceptions

One or more containers for the following sample(s) was received broken or leaking: 1 of the 2 Oil and Grease bottles was received broken, sufficient sample remaining.

GC/MS VOA

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

General Chemistry

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

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- 2
- 3
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- 15

Detection Summary

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

TestAmerica Job ID: 500-109851-1

Client Sample ID: Influent

Lab Sample ID: 500-109851-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	2000		50	19	ug/L	50		624	Total/NA
HEM (Oil & Grease)	1.3	J	5.7	0.62	mg/L	1		1664B	Total/NA
Chloride	100		5.0	1.9	mg/L	25		300.0	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-109851-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.41	ug/L	1		624	Total/NA
Tetrachloroethene	34		1.0	0.37	ug/L	1		624	Total/NA
Trichloroethene	5.6		0.50	0.16	ug/L	1		624	Total/NA
Xylenes, Total	0.61	J	1.0	0.40	ug/L	1		624	Total/NA
HEM (Oil & Grease)	0.86	J	5.4	0.58	mg/L	1		1664B	Total/NA
Chloride	100		5.0	1.9	mg/L	25		300.0	Total/NA
Total Suspended Solids	5.0		5.0	1.6	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-109851-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

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

TestAmerica Job ID: 500-109851-1

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/SVE

TestAmerica Job ID: 500-109851-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-109851-1	Influent	Water	04/06/16 09:40	04/07/16 09:25
500-109851-2	Effluent	Water	04/06/16 09:45	04/07/16 09:25
500-109851-3	Trip Blank	Water	04/06/16 00:00	04/07/16 09:25

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Client Sample Results

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

TestAmerica Job ID: 500-109851-1

Client Sample ID: Influent

Date Collected: 04/06/16 09:40

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-1

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			04/08/16 22:39	5
Bromoform	<2.2		5.0	2.2	ug/L			04/08/16 22:39	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			04/08/16 22:39	5
cis-1,2-Dichloroethene	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5
Dichlorobromomethane	<1.9		5.0	1.9	ug/L			04/08/16 22:39	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			04/08/16 22:39	5
Methyl bromide	<3.2		10	3.2	ug/L			04/08/16 22:39	5
Methyl chloride	<1.6		5.0	1.6	ug/L			04/08/16 22:39	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5
Toluene	<0.76		2.5	0.76	ug/L			04/08/16 22:39	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			04/08/16 22:39	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			04/08/16 22:39	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			04/08/16 22:39	5
Trichloroethene	<0.82		2.5	0.82	ug/L			04/08/16 22:39	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			04/08/16 22:39	5
Xylenes, Total	<2.0		5.0	2.0	ug/L			04/08/16 22:39	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		71 - 120		04/08/16 22:39	5
1,2-Dichloroethane-d4 (Surr)	101		71 - 127		04/08/16 22:39	5
Toluene-d8 (Surr)	93		75 - 120		04/08/16 22:39	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2000		50	19	ug/L			04/08/16 23:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		71 - 120		04/08/16 23:04	50
1,2-Dichloroethane-d4 (Surr)	100		71 - 127		04/08/16 23:04	50
Toluene-d8 (Surr)	92		75 - 120		04/08/16 23:04	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.3	J	5.7	0.62	mg/L		04/08/16 11:35	04/08/16 14:52	1
Chloride	100		5.0	1.9	mg/L			04/07/16 23:52	25
Total Suspended Solids	<1.6		5.0	1.6	mg/L			04/07/16 14:44	1

Client Sample Results

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

TestAmerica Job ID: 500-109851-1

Client Sample ID: Effluent

Date Collected: 04/06/16 09:45

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-2

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			04/08/16 22:15	1
Bromoform	<0.45		1.0	0.45	ug/L			04/08/16 22:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/16 22:15	1
cis-1,2-Dichloroethene	18		1.0	0.41	ug/L			04/08/16 22:15	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			04/08/16 22:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/16 22:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/08/16 22:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/16 22:15	1
Methyl bromide	<0.65		2.0	0.65	ug/L			04/08/16 22:15	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/16 22:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/16 22:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/16 22:15	1
Tetrachloroethene	34		1.0	0.37	ug/L			04/08/16 22:15	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/16 22:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/08/16 22:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/16 22:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/16 22:15	1
Trichloroethene	5.6		0.50	0.16	ug/L			04/08/16 22:15	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			04/08/16 22:15	1
Xylenes, Total	0.61	J	1.0	0.40	ug/L			04/08/16 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		71 - 120					04/08/16 22:15	1
1,2-Dichloroethane-d4 (Surr)	101		71 - 127					04/08/16 22:15	1
Toluene-d8 (Surr)	92		75 - 120					04/08/16 22:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	0.86	J	5.4	0.58	mg/L		04/08/16 11:45	04/08/16 14:58	1
Chloride	100		5.0	1.9	mg/L			04/08/16 00:04	25
Total Suspended Solids	5.0		5.0	1.6	mg/L			04/07/16 14:46	1

Client Sample Results

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

TestAmerica Job ID: 500-109851-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-109851-3

Date Collected: 04/06/16 00:00

Matrix: Water

Date Received: 04/07/16 09:25

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			04/08/16 21:50	1
Bromoform	<0.45		1.0	0.45	ug/L			04/08/16 21:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/16 21:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/08/16 21:50	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			04/08/16 21:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/16 21:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/08/16 21:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/16 21:50	1
Methyl bromide	<0.65		2.0	0.65	ug/L			04/08/16 21:50	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/16 21:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/16 21:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/16 21:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/08/16 21:50	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/16 21:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/08/16 21:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/16 21:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/16 21:50	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/08/16 21:50	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			04/08/16 21:50	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			04/08/16 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		71 - 120					04/08/16 21:50	1
1,2-Dichloroethane-d4 (Surr)	101		71 - 127					04/08/16 21:50	1
Toluene-d8 (Surr)	92		75 - 120					04/08/16 21:50	1

Definitions/Glossary

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

TestAmerica Job ID: 500-109851-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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/SVE

TestAmerica Job ID: 500-109851-1

GC/MS VOA

Analysis Batch: 330262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	624	
500-109851-1 - DL	Influent	Total/NA	Water	624	
500-109851-2	Effluent	Total/NA	Water	624	
500-109851-2 MS	Effluent	Total/NA	Water	624	
500-109851-2 MSD	Effluent	Total/NA	Water	624	
500-109851-3	Trip Blank	Total/NA	Water	624	
LCS 500-330262/30	Lab Control Sample	Total/NA	Water	624	
MB 500-330262/32	Method Blank	Total/NA	Water	624	

General Chemistry

Analysis Batch: 330192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	SM 2540D	
500-109851-2	Effluent	Total/NA	Water	SM 2540D	
LCS 500-330192/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 500-330192/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 330260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	1664B	
500-109851-2	Effluent	Total/NA	Water	1664B	
LCS 500-330260/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 500-330260/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 330261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	1664B	330260
500-109851-2	Effluent	Total/NA	Water	1664B	330260
LCS 500-330260/2-A	Lab Control Sample	Total/NA	Water	1664B	330260
MB 500-330260/1-A	Method Blank	Total/NA	Water	1664B	330260

Analysis Batch: 330268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	300.0	
500-109851-2	Effluent	Total/NA	Water	300.0	
LCS 500-330268/4	Lab Control Sample	Total/NA	Water	300.0	
MB 500-330268/3	Method Blank	Total/NA	Water	300.0	

Surrogate Summary

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

TestAmerica Job ID: 500-109851-1

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 (71-120)	12DCE (71-127)	TOL (75-120)
500-109851-1	Influent	97	101	93
500-109851-1 - DL	Influent	98	100	92
500-109851-2	Effluent	97	101	92
500-109851-2 MS	Effluent	92	98	97
500-109851-2 MSD	Effluent	96	96	97
500-109851-3	Trip Blank	97	101	92
LCS 500-330262/30	Lab Control Sample	95	101	96
MB 500-330262/32	Method Blank	99	101	93

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/SVE

TestAmerica Job ID: 500-109851-1

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

Lab Sample ID: MB 500-330262/32

Matrix: Water

Analysis Batch: 330262

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			04/08/16 21:25	1
Bromoform	<0.45		1.0	0.45	ug/L			04/08/16 21:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/16 21:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/08/16 21:25	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			04/08/16 21:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/16 21:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/08/16 21:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/16 21:25	1
Methyl bromide	<0.65		2.0	0.65	ug/L			04/08/16 21:25	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/16 21:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/16 21:25	1
1,1,1,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/16 21:25	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/08/16 21:25	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/16 21:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/08/16 21:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/16 21:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/16 21:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/08/16 21:25	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			04/08/16 21:25	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			04/08/16 21:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		71 - 120		04/08/16 21:25	1
1,2-Dichloroethane-d4 (Surr)	101		71 - 127		04/08/16 21:25	1
Toluene-d8 (Surr)	93		75 - 120		04/08/16 21:25	1

Lab Sample ID: LCS 500-330262/30

Matrix: Water

Analysis Batch: 330262

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	45.0		ug/L		90	37 - 151
Bromoform	50.0	41.7		ug/L		83	45 - 169
Carbon tetrachloride	50.0	47.9		ug/L		96	70 - 140
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 130
Dichlorobromomethane	50.0	41.4		ug/L		83	35 - 155
1,2-Dichloroethane	50.0	43.9		ug/L		88	49 - 155
1,1-Dichloroethene	50.0	50.6		ug/L		101	10 - 234
Ethylbenzene	50.0	44.0		ug/L		88	37 - 162
Methyl bromide	50.0	44.2		ug/L		88	10 - 242
Methyl chloride	50.0	37.1		ug/L		74	10 - 273
m&p-Xylene	50.0	45.5		ug/L		91	
o-Xylene	50.0	47.4		ug/L		95	
1,1,1,2-Tetrachloroethane	50.0	42.0		ug/L		84	46 - 157
Tetrachloroethene	50.0	42.6		ug/L		85	64 - 148
Toluene	50.0	44.6		ug/L		89	47 - 150
trans-1,2-Dichloroethene	50.0	48.5		ug/L		97	54 - 156
1,1,1-Trichloroethane	50.0	45.1		ug/L		90	52 - 162

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-109851-1

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

Lab Sample ID: LCS 500-330262/30

Matrix: Water

Analysis Batch: 330262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	40.3		ug/L		81	52 - 150
Trichloroethene	50.0	43.6		ug/L		87	71 - 157
Vinyl chloride	50.0	41.1		ug/L		82	10 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		71 - 120
1,2-Dichloroethane-d4 (Surr)	101		71 - 127
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: 500-109851-2 MS

Matrix: Water

Analysis Batch: 330262

Client Sample ID: Effluent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.15		50.0	48.3		ug/L		97	37 - 151
Bromoform	<0.45		50.0	44.8		ug/L		90	45 - 169
Carbon tetrachloride	<0.38		50.0	52.6		ug/L		105	70 - 140
cis-1,2-Dichloroethene	18		50.0	71.6		ug/L		106	70 - 130
Dichlorobromomethane	<0.37		50.0	42.7		ug/L		85	35 - 155
1,2-Dichloroethane	<0.39		50.0	45.4		ug/L		91	49 - 155
1,1-Dichloroethene	<0.39		50.0	56.0		ug/L		112	10 - 234
Ethylbenzene	<0.18		50.0	47.9		ug/L		96	37 - 162
Methyl bromide	<0.65		50.0	51.0		ug/L		102	10 - 242
Methyl chloride	<0.32		50.0	40.2		ug/L		80	10 - 273
m&p-Xylene	0.61	J	50.0	49.7		ug/L		98	
o-Xylene	<0.22		50.0	52.7		ug/L		105	
1,1,1,2-Tetrachloroethane	<0.40		50.0	43.3		ug/L		87	46 - 157
Tetrachloroethene	34		50.0	81.0		ug/L		94	64 - 148
Toluene	<0.15		50.0	47.0		ug/L		94	47 - 150
trans-1,2-Dichloroethene	<0.35		50.0	55.4		ug/L		111	54 - 156
1,1,1-Trichloroethane	<0.38		50.0	54.8		ug/L		110	52 - 162
1,1,2-Trichloroethane	<0.35		50.0	40.9		ug/L		82	52 - 150
Trichloroethene	5.6		50.0	50.5		ug/L		90	71 - 157
Vinyl chloride	<0.20		50.0	46.0		ug/L		92	10 - 251

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		71 - 120
1,2-Dichloroethane-d4 (Surr)	98		71 - 127
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: 500-109851-2 MSD

Matrix: Water

Analysis Batch: 330262

Client Sample ID: Effluent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.15		50.0	48.1		ug/L		96	37 - 151	0	20
Bromoform	<0.45		50.0	44.9		ug/L		90	45 - 169	0	20
Carbon tetrachloride	<0.38		50.0	52.6		ug/L		105	70 - 140	0	20

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-109851-1

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

Lab Sample ID: 500-109851-2 MSD

Matrix: Water

Analysis Batch: 330262

Client Sample ID: Effluent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	18		50.0	72.7		ug/L		108	70 - 130	1	20
Dichlorobromomethane	<0.37		50.0	42.6		ug/L		85	35 - 155	0	20
1,2-Dichloroethane	<0.39		50.0	45.9		ug/L		92	49 - 155	1	20
1,1-Dichloroethene	<0.39		50.0	54.8		ug/L		110	10 - 234	2	20
Ethylbenzene	<0.18		50.0	48.7		ug/L		97	37 - 162	2	20
Methyl bromide	<0.65		50.0	50.2		ug/L		100	10 - 242	1	20
Methyl chloride	<0.32		50.0	38.8		ug/L		78	10 - 273	4	20
m&p-Xylene	0.61	J	50.0	50.2		ug/L		99		1	
o-Xylene	<0.22		50.0	53.6		ug/L		107		2	
1,1,2,2-Tetrachloroethane	<0.40		50.0	43.8		ug/L		88	46 - 157	1	20
Tetrachloroethene	34		50.0	82.6		ug/L		97	64 - 148	2	20
Toluene	<0.15		50.0	47.8		ug/L		96	47 - 150	2	20
trans-1,2-Dichloroethene	<0.35		50.0	55.0		ug/L		110	54 - 156	1	20
1,1,1-Trichloroethane	<0.38		50.0	53.6		ug/L		107	52 - 162	2	20
1,1,2-Trichloroethane	<0.35		50.0	41.6		ug/L		83	52 - 150	2	20
Trichloroethene	5.6		50.0	50.7		ug/L		90	71 - 157	0	20
Vinyl chloride	<0.20		50.0	44.2		ug/L		88	10 - 251	4	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	96		71 - 120
1,2-Dichloroethane-d4 (Surr)	96		71 - 127
Toluene-d8 (Surr)	97		75 - 120

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 500-330260/1-A

Matrix: Water

Analysis Batch: 330261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 330260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	<0.54		5.0	0.54	mg/L		04/08/16 08:15	04/08/16 12:45	1

Lab Sample ID: LCS 500-330260/2-A

Matrix: Water

Analysis Batch: 330261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 330260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	31.8		mg/L		80	78 - 114

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-330268/3

Matrix: Water

Analysis Batch: 330268

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			04/07/16 18:56	1

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-109851-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-330268/4
 Matrix: Water
 Analysis Batch: 330268

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	2.85		mg/L		95	90 - 110

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

Lab Sample ID: MB 500-330192/1
 Matrix: Water
 Analysis Batch: 330192

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			04/07/16 14:40	1

Lab Sample ID: LCS 500-330192/2
 Matrix: Water
 Analysis Batch: 330192

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	208		mg/L		104	80 - 120

Lab Chronicle

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

TestAmerica Job ID: 500-109851-1

Client Sample ID: Influent

Date Collected: 04/06/16 09:40

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	330262	04/08/16 22:39	PMF	TAL CHI
Total/NA	Analysis	624	DL	50	330262	04/08/16 23:04	PMF	TAL CHI
Total/NA	Prep	1664B			330260	04/08/16 11:35	MTB	TAL CHI
Total/NA	Analysis	1664B		1	330261	04/08/16 14:52	MTB	TAL CHI
Total/NA	Analysis	300.0		25	330268	04/07/16 23:52	CCK	TAL CHI
Total/NA	Analysis	SM 2540D		1	330192		SMO	TAL CHI
					(Start)	04/07/16 14:44		
					(End)	04/07/16 14:46		

Client Sample ID: Effluent

Date Collected: 04/06/16 09:45

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	330262	04/08/16 22:15	PMF	TAL CHI
Total/NA	Prep	1664B			330260	04/08/16 11:45	MTB	TAL CHI
Total/NA	Analysis	1664B		1	330261	04/08/16 14:58	MTB	TAL CHI
Total/NA	Analysis	300.0		25	330268	04/08/16 00:04	CCK	TAL CHI
Total/NA	Analysis	SM 2540D		1	330192		SMO	TAL CHI
					(Start)	04/07/16 14:46		
					(End)	04/07/16 14:48		

Client Sample ID: Trip Blank

Date Collected: 04/06/16 00:00

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	330262	04/08/16 21:50	PMF	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/SVE

TestAmerica Job ID: 500-109851-1

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 TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

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


Bill To (optional)
 Contact: _____
 Company: _____
 Address: _____
 Address: _____
 Phone: _____
 Fax: _____
 PO#/Reference# 106371

Chain of Custody Record

Lab Job #: 500-109851
 Chain of Custody Number: _____
 Page 1 of 1
 Temperature °C of Cooler: 0.6

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>mkc</u>											
Project Name		Lab Project #		# of Containers	Matrix	VOC	PATH	BOD / TSS	Chloride	Oil + Grease	500-109851 COC
<u>GETS / SVE</u>											
Project Location/State		Lab PM		Sampling							
<u>Madison, WI</u>		<u>Sandle Fredrick</u>		Date	Time						
Lab ID	MS/MSD	Sample ID									
<u>1</u>		<u>Influent</u>	<u>4/16/16</u>	<u>940</u>	<u>9 W</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>for VOC, PATH see attached analyst</u>
<u>2</u>		<u>Effluent</u>	<u>4/16/16</u>	<u>945</u>	<u>9 W</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>3</u>		<u>Trip Blank</u>	<u>-</u>	<u>-</u>	<u>1 W</u>	<u>X</u>					

Preservative Key
 1. HCL, Cool to 4°
 1. Cool to 4°
 1. Cool to 4°
 1. Cool to 4°
 Zn, Cool to 4°
 D4
 to 4°



500-109851 COC

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>Deena Johnson</u>	Company <u>mkc</u>	Date <u>4/16/16</u>	Time <u>11:00</u>	Received By <u>Skyl Sandoz</u>	Company <u>TA-CH</u>	Date <u>04/10/16</u>	Time <u>09:25</u>	Lab Courier
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	Shipped <u>FX Priority</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	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
Report to Alina Satekoski and Andy Stehn
astehn@trcsolutions.com

Lab Comments:

Parameter	Method
VOCs	
Bromoform	624
Carbon Tetrachloride	624
Dichlorobromomethane	624
1,2-Dichloroethane	624
1,1-Dichloroethylene	624
Methyl Bromide	624
Methyl Chloride	624
1,1,2,2-Tetrachloroethane	624
Tetrachloroethylene	624
1,1,2-Trichloroethane	624
1,1,1-Trichloroethane	624
Trichloroethylene	624
Vinyl Chloride	624
Cis-1,2-Dichloroethene	624
Trans-1,2-Dichloroethene	624
TSS	
Suspended Solids, Total	2540D
BTEX	
Benzene	624
Toluene	
Ethylbenzene	
Xylenes	

PAHs (Group of 10)	
Benzo(a)anthracene	625 SIM
Benzo(b)fluoranthene	
Benzo(g,h,i)perylene	
Benzo(k)fluoranthene	
Chrysene	
Dibenzo(a,h)anthracene	
Fluoranthene	
Indeno(1,2,3-cd)pyrene	
Phenanthrene	
Pyrene	
PAHs	
Benzo(a)pyrene	625 SIM
Naphthalene	
Oil and Grease	
Oil and Grease	1664
BOD₅	
BOD ₅	5210B
Anions	
Chloride	300

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10076

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05850021

FedEx Package
Express US Airbill

FedEx Tracking Number 8097 0423 2314

Form ID No. 0215 *tu JW*

1 From
 Date 4-6-16
 Sender's Name Anne Satkoski Phone 518 269 7183
 Company RMC
 Address 201 ~~Lawrence St.~~
 City W. Carson State NJ ZIP 07004

2 Your Internal Billing Reference
 Recipient's Name SAMPLE RECEIPT Phone 708 534-5200
 Company TESTAMERICA CHICAGO

3 To
 Address 2417 BOND ST
 We cannot deliver to P.O. boxes or P.O. ZIP codes.
 Address Use this line for the HMO location address or for continuation of your shipping address.
 City UNIVERSITY PARK State IL ZIP 60464-3101



0121990435



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
 FedEx Priority Overnight
 FedEx Standard Overnight

2 or 3 Business Days
 FedEx 2Day A.M.
 FedEx 2Day
 FedEx Express Saver

5 Packaging *Declared value limit \$500.
 FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

Saturday Delivery
 No Signature Required
 Direct Signature
 Indirect Signature

Does this shipment contain dangerous goods?
 One box must be checked.
 No Yes Yes Dry Ice Cargo Aircraft Only

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

Sender Acct. No. or Sender ID# Recipient Third Party Credit Card Cash/Check

Total Packages 1 Total Weight 0.1 lbs. Credit Card Auth. **611**

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500-109851 Waybill

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-109851-1

Login Number: 109851

List Source: TestAmerica Chicago

List Number: 1

Creator: Sanchez, Ariel M

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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	0.6
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Chicago

2417 Bond Street

University Park, IL 60484

Tel: (708)534-5200

TestAmerica Job ID: 500-109851-2

Client Project/Site: MadisonKipp - GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

4/13/2016 8:26:28 AM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

LINKS

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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.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	9
QC Association	10
Surrogate Summary	11
QC Sample Results	12
Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	22

Case Narrative

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

TestAmerica Job ID: 500-109851-2

Job ID: 500-109851-2

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-109851-2

Comments

No additional comments.

Receipt

The samples were received on 4/7/2016 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6° C.

Receipt Exceptions

Influent (500-109851-1), Effluent (500-109851-2) and Trip Blank (500-109851-3). One or more containers for the following sample(s) was received broken or leaking: 1 of the 2 Oil and Grease jars sent to us was received broken. sufficient sample remaining.

GC/MS Semi VOA

Method(s) 625 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-330326 and analytical batch 490-330513.

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.

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/SVE

TestAmerica Job ID: 500-109851-2

Client Sample ID: Influent

Lab Sample ID: 500-109851-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.41		0.094	0.047	ug/L	1		625 SIM	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-109851-2

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago



Method Summary

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

TestAmerica Job ID: 500-109851-2

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/SVE

TestAmerica Job ID: 500-109851-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-109851-1	Influent	Water	04/06/16 09:40	04/07/16 09:25
500-109851-2	Effluent	Water	04/06/16 09:45	04/07/16 09:25

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Client Sample Results

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

TestAmerica Job ID: 500-109851-2

Client Sample ID: Influent

Date Collected: 04/06/16 09:40

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-1

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	<0.024		0.047	0.024	ug/L		04/09/16 15:33	04/11/16 21:43	1
Benzo[a]pyrene	<0.024		0.047	0.024	ug/L		04/09/16 15:33	04/11/16 21:43	1
Benzo[b]fluoranthene	<0.024		0.047	0.024	ug/L		04/09/16 15:33	04/11/16 21:43	1
Benzo[g,h,i]perylene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Benzo[k]fluoranthene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Chrysene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Dibenz(a,h)anthracene	<0.024		0.047	0.024	ug/L		04/09/16 15:33	04/11/16 21:43	1
Fluoranthene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Indeno[1,2,3-cd]pyrene	<0.024		0.047	0.024	ug/L		04/09/16 15:33	04/11/16 21:43	1
Naphthalene	0.41		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Phenanthrene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1
Pyrene	<0.047		0.094	0.047	ug/L		04/09/16 15:33	04/11/16 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	79		27 - 120	04/09/16 15:33	04/11/16 21:43	1
Terphenyl-d14	94		13 - 120	04/09/16 15:33	04/11/16 21:43	1
2-Fluorobiphenyl (Surr)	83		10 - 120	04/09/16 15:33	04/11/16 21:43	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			04/07/16 17:22	1

Client Sample Results

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

TestAmerica Job ID: 500-109851-2

Client Sample ID: Effluent

Date Collected: 04/06/16 09:45

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-2

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	<0.023		0.046	0.023	ug/L		04/09/16 15:33	04/11/16 22:09	1
Benzo[a]pyrene	<0.023		0.046	0.023	ug/L		04/09/16 15:33	04/11/16 22:09	1
Benzo[b]fluoranthene	<0.023		0.046	0.023	ug/L		04/09/16 15:33	04/11/16 22:09	1
Benzo[g,h,i]perylene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Benzo[k]fluoranthene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Chrysene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Dibenz(a,h)anthracene	<0.023		0.046	0.023	ug/L		04/09/16 15:33	04/11/16 22:09	1
Fluoranthene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Indeno[1,2,3-cd]pyrene	<0.023		0.046	0.023	ug/L		04/09/16 15:33	04/11/16 22:09	1
Naphthalene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Phenanthrene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1
Pyrene	<0.046		0.093	0.046	ug/L		04/09/16 15:33	04/11/16 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	70		27 - 120	04/09/16 15:33	04/11/16 22:09	1
Terphenyl-d14	91		13 - 120	04/09/16 15:33	04/11/16 22:09	1
2-Fluorobiphenyl (Surr)	79		10 - 120	04/09/16 15:33	04/11/16 22:09	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			04/07/16 17:32	1

Definitions/Glossary

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

TestAmerica Job ID: 500-109851-2

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/SVE

TestAmerica Job ID: 500-109851-2

GC/MS Semi VOA

Prep Batch: 330326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	625	
500-109851-2	Effluent	Total/NA	Water	625	
LCS 490-330326/2-A	Lab Control Sample	Total/NA	Water	625	
MB 490-330326/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 330513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	625 SIM	330326
500-109851-2	Effluent	Total/NA	Water	625 SIM	330326
LCS 490-330326/2-A	Lab Control Sample	Total/NA	Water	625 SIM	330326
MB 490-330326/1-A	Method Blank	Total/NA	Water	625 SIM	330326

General Chemistry

Analysis Batch: 330156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-109851-1	Influent	Total/NA	Water	SM 5210B	
500-109851-2	Effluent	Total/NA	Water	SM 5210B	
LCS 500-330156/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 500-330156/1	Method Blank	Total/NA	Water	SM 5210B	

Surrogate Summary

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

TestAmerica Job ID: 500-109851-2

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (29-120)	NBZ (27-120)	PHL (10-120)	TPH (13-120)	TBP (10-120)	FBP (10-120)
500-109851-1	Influent		79		94		83
500-109851-2	Effluent		70		91		79
LCS 490-330326/2-A	Lab Control Sample	0 X	83	0 X	92	0 X	82
MB 490-330326/1-A	Method Blank	0 X	84	0 X	109	0 X	96

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/SVE

TestAmerica Job ID: 500-109851-2

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

Lab Sample ID: MB 490-330326/1-A
Matrix: Water
Analysis Batch: 330513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 330326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.025		0.050	0.025	ug/L		04/09/16 15:33	04/11/16 17:53	1
Benzo[a]pyrene	<0.025		0.050	0.025	ug/L		04/09/16 15:33	04/11/16 17:53	1
Benzo[b]fluoranthene	<0.025		0.050	0.025	ug/L		04/09/16 15:33	04/11/16 17:53	1
Benzo[g,h,i]perylene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Benzo[k]fluoranthene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Chrysene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Dibenz(a,h)anthracene	<0.025		0.050	0.025	ug/L		04/09/16 15:33	04/11/16 17:53	1
Fluoranthene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Indeno[1,2,3-cd]pyrene	<0.025		0.050	0.025	ug/L		04/09/16 15:33	04/11/16 17:53	1
Naphthalene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Phenanthrene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1
Pyrene	<0.050		0.10	0.050	ug/L		04/09/16 15:33	04/11/16 17:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	84		27 - 120	04/09/16 15:33	04/11/16 17:53	1
Terphenyl-d14	109		13 - 120	04/09/16 15:33	04/11/16 17:53	1
2-Fluorobiphenyl (Surr)	96		10 - 120	04/09/16 15:33	04/11/16 17:53	1

Lab Sample ID: LCS 490-330326/2-A
Matrix: Water
Analysis Batch: 330513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 330326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	0.800	0.631		ug/L		79	33 - 143
Benzo[a]pyrene	0.800	0.637		ug/L		80	17 - 163
Benzo[b]fluoranthene	0.800	0.643		ug/L		80	24 - 159
Benzo[g,h,i]perylene	0.800	0.651		ug/L		81	10 - 219
Benzo[k]fluoranthene	0.800	0.648		ug/L		81	11 - 162
Chrysene	0.800	0.694		ug/L		87	17 - 168
Dibenz(a,h)anthracene	0.800	0.646		ug/L		81	10 - 227
Fluoranthene	0.800	0.666		ug/L		83	26 - 137
Indeno[1,2,3-cd]pyrene	0.800	0.627		ug/L		78	10 - 171
Naphthalene	0.800	0.652		ug/L		81	21 - 133
Phenanthrene	0.800	0.672		ug/L		84	54 - 120
Pyrene	0.800	0.701		ug/L		88	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	0	X	29 - 120
Nitrobenzene-d5	83		27 - 120
Phenol-d5	0	X	10 - 120
Terphenyl-d14	92		13 - 120
2,4,6-Tribromophenol	0	X	10 - 120
2-Fluorobiphenyl (Surr)	82		10 - 120

QC Sample Results

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

TestAmerica Job ID: 500-109851-2

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 500-330156/1
 Matrix: Water
 Analysis Batch: 330156

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			04/07/16 15:58	1

Lab Sample ID: LCS 500-330156/2
 Matrix: Water
 Analysis Batch: 330156

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	203		mg/L		102	85 - 115



Lab Chronicle

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

TestAmerica Job ID: 500-109851-2

Client Sample ID: Influent

Date Collected: 04/06/16 09:40

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			330326	04/09/16 15:33	JKG	TAL NSH
Total/NA	Analysis	625 SIM		1	330513	04/11/16 21:43	LEG	TAL NSH
Total/NA	Analysis	SM 5210B		1	330156		MAN	TAL CHI
					(Start)	04/07/16 17:22		
					(End)	04/07/16 17:32		

Client Sample ID: Effluent

Date Collected: 04/06/16 09:45

Date Received: 04/07/16 09:25

Lab Sample ID: 500-109851-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			330326	04/09/16 15:33	JKG	TAL NSH
Total/NA	Analysis	625 SIM		1	330513	04/11/16 22:09	LEG	TAL NSH
Total/NA	Analysis	SM 5210B		1	330156		MAN	TAL CHI
					(Start)	04/07/16 17:32		
					(End)	04/07/16 17:43		

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/SVE

TestAmerica Job ID: 500-109851-2

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	12-31-16
A2LA	ISO/IEC 17025		0453.07	12-31-17
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-17
Arkansas DEQ	State Program	6	88-0737	04-25-16 *
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-17
Florida	NELAP	4	E87358	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200010	12-09-16
Iowa	State Program	7	131	04-01-16 *
Kansas	NELAP	7	E-10229	05-31-16
Kentucky (UST)	State Program	4	19	06-30-16
Kentucky (WW)	State Program	4	90038	12-31-16
Louisiana	NELAP	6	30613	06-30-16
Maine	State Program	1	TN00032	11-03-17
Maryland	State Program	3	316	03-31-17
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	06-30-16
New York	NELAP	2	11342	03-31-17
North Carolina (WW/SW)	State Program	4	387	12-31-16
North Dakota	State Program	8	R-146	06-30-16
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	02-28-17
Wisconsin	State Program	5	998020430	08-31-16
Wyoming (UST)	A2LA	8	453.07	12-31-17

* Certification renewal pending - certification considered valid.

TestAmerica Chicago

Parameter	Method
VOCs	
Bromoform	624
Carbon Tetrachloride	624
Dichlorobromomethane	624
1,2-Dichloroethane	624
1,1-Dichloroethylene	624
Methyl Bromide	624
Methyl Chloride	624
1,1,2,2-Tetrachloroethane	624
Tetrachloroethylene	624
1,1,2-Trichloroethane	624
1,1,1-Trichloroethane	624
Trichloroethylene	624
Vinyl Chloride	624
Cis-1,2-Dichloroethene	624
Trans-1,2-Dichloroethene	624
TSS	
Suspended Solids, Total	2540D
BTEX	
Benzene	624
Toluene	
Ethylbenzene	
Xylenes	

PAHs (Group of 10)

Benzo(a)anthracene	625 SIM
Benzo(b)fluoranthene	
Benzo(g,h,i)perylene	
Benzo(k)fluoranthene	
Chrysene	
Dibenzo(a,h)anthracene	
Fluoranthene	
Indeno(1,2,3-cd)pyrene	
Phenanthrene	
Pyrene	

PAHs

Benzo(a)pyrene	625 SIM
Naphthalene	

Oil and Grease

Oil and Grease	1664
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BOD₅

BOD ₅	5210B
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Anions

Chloride	300
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00500

10076

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05850021

FedEx Package
Express US Airbill

FedEx Tracking Number 8097 0423 2314

Form ID No. 0215 *tu JW*

1 From
 Date 4-6-16
 Sender's Name Alina Satkoski Phone 518 269 7183
 Company RMC
 Address 201 ~~Lawrence St.~~ Dept./Floor/Suite/Room
 City W. Carson State NY ZIP 13704

2 Your Internal Billing Reference
3 To
 Recipient's Name SAMPLE RECEIPT Phone 708 534-5200
 Company TESTAMERICA CHICAGO

Address 2417 BOND ST Dept./Floor/Suite/Room
 We cannot deliver to P.O. boxes or P.O. ZIP codes.
 Address Use this line for the HOD location address or for continuation of your shipping address.
 City UNIVERSITY PARK State IL ZIP 60484-3101



0121990435



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
 FedEx Priority Overnight
 FedEx Standard Overnight

2 or 3 Business Days
 FedEx 2Day A.M.
 FedEx 2Day
 FedEx Express Saver

5 Packaging * Declared value limit \$500.
 FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.
 Saturday Delivery
 No Signature Required
 Direct Signature
 Indirect Signature

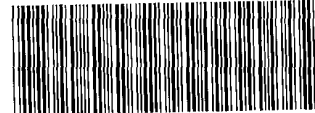
Does this shipment contain dangerous goods?
 One box must be checked.
 No Yes Yes Dry Ice Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.
 Sender Acct. No. or Sender ID# Recipient Third Party Credit Card Cash/Check

Total Packages 1 Total Weight 0.1 lbs. Credit Card Auth. 611
 Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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500-109851 Waybill



Cooler Received/Opened On 4/8/16 1030
Time Samples Removed From Cooler 1200 Time Samples Placed In Storage 1230 (2 Hour Window)

1. Tracking # 1040 (last 4 digits, FedEx) Courier: FedEx
IR Gun ID 17960353 pH Strip Lot HC568401 Chlorine Strip Lot 1211515B
2. Temperature of rep. sample or temp blank when opened: 3.2 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) SW
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 # _____

- I certify that I unloaded the cooler and answered questions 7-14 (initial) MMK
- 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) MMK
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) MMK
- I certify that I attached a label with the unique LIMS number to each container (initial) MMK

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

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

Chain of Custody Record

Loc: 500
109851

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab) Client Contact: _____ Shipping/Receiving: _____ Company: TestAmerica Laboratories, Inc.		Lab Piv: Fredrick, Sandie J E-Mail: sandie.fredrick@testamericainc.com		COC No: 500-72108.1 Page: Page 1 of 1 Job #: 500-109851-2					
Address: 2960 Foster Creighton Drive, City: Nashville State, Zip: TN, 37204 Phone: 615-726-0177(Tel) 615-726-3404(Fax) Email: _____ Project Name: MadisonKipp - GETS/SVE Site: _____		Analysis Requested Due Date Requested: 4/11/2016 TAT Requested (days): _____ PO #: _____ WO #: _____ Project #: 50009145 SSO#: _____		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: _____ M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)					
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=solid, o=oil, BT=Tissue, A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625_SIM/625_Prep_LVI (MOD) Single compound	Total Number of Containers	Special Instructions/Note:
Influent (500-109851-1)	4/6/16	09:40 Central	Water	Water	X	X	X	2	
Effluent (500-109851-2)	4/6/16	09:45 Central	Water	Water	X	X	X	2	
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Empty Kit Relinquished by: _____ Date: _____ Relinquished by: <i>Sanku</i> Date: 04/07/16 Relinquished by: TAL Date: 1600 Relinquished by: _____ Date: _____ Relinquished by: _____ Date: _____ Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: 3.2									



Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-109851-2

Login Number: 109851

List Source: TestAmerica Chicago

List Number: 1

Creator: Sanchez, Ariel M

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	0.6
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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: 500-109851-2

Login Number: 109851

List Number: 2

Creator: Ramos, Martina M

List Source: TestAmerica Nashville

List Creation: 04/08/16 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 (excluding tests with immediate HTs)	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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	