



October 6, 2017

Karl Knutson
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. Knutson,

The Groundwater Extraction and Treatment System (GETS) ran for the month of September with the exception of maintenance activities. This letter summarizes the activities completed in September 2017 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 for oil and grease, biological oxygen demand, total suspended solids, chloride, select polycyclic aromatic hydrocarbons, volatile organic compounds, and visual monitoring for sodium permanganate on September 11, 2017. 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.

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

Alina Satkoski

A handwritten signature in blue ink that reads "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 BTEX 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/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.) and the source of wastewater, (petroleum contact, tank bottom water, scrap and waste storage area oily water, or secondary containment). Copy and use a new form for each outfall.
- ☞ Monitoring for a given parameter depends on if the discharge is to surface water or groundwater, and petroleum category.
- ☞ The value entered must be the highest value of all samples analyzed for that day.
- ☞ For each quarter, indicate the month monitoring occurred next to "Month"
- ☞ Include as separate attachments to this form the annual reports for (a) waste oil and solids removed, and (b) tank bottom water disposal.

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 Jett

10-6-2017

Signature of Person Completing Form

Date

Alina Jett

10-6-2017

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: 500-133859-1

Client Project/Site: MadisonKipp - GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

9/13/2017 4:37:33 PM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

LINKS

Review your project
results through

Total Access

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/SVE

TestAmerica Job ID: 500-133859-1

Job ID: 500-133859-1

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-133859-1**

Comments

No additional comments.

Receipt

The samples were received on 9/12/2017 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.4° C.

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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Detection Summary

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

TestAmerica Job ID: 500-133859-1

Client Sample ID: Influent

Lab Sample ID: 500-133859-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		5.0	2.0	ug/L	5		624	Total/NA
Trichloroethene	66		2.5	0.82	ug/L	5		624	Total/NA
Tetrachloroethene - DL	1700		50	19	ug/L	50		624	Total/NA
HEM (Oil & Grease)	95.4		5.9	1.6	mg/L	1		1664B	Total/NA
Chloride	120		5.0	4.3	mg/L	25		300.0	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-133859-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0	0.41	ug/L	1		624	Total/NA
Tetrachloroethene	25		1.0	0.37	ug/L	1		624	Total/NA
Trichloroethene	8.1		0.50	0.16	ug/L	1		624	Total/NA
HEM (Oil & Grease)	2.2	J	5.1	1.4	mg/L	1		1664B	Total/NA
Chloride	120		5.0	4.3	mg/L	25		300.0	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-133859-3

No Detections.

Method Summary

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

TestAmerica Job ID: 500-133859-1

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: 500-133859-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-133859-1	Influent	Water	09/11/17 08:40	09/12/17 10:15
500-133859-2	Effluent	Water	09/11/17 09:00	09/12/17 10:15
500-133859-3	Trip Blank	Water	09/11/17 00:00	09/12/17 10:15

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Client Sample Results

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

TestAmerica Job ID: 500-133859-1

Client Sample ID: Influent

Date Collected: 09/11/17 08:40

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-1

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			09/13/17 12:28	5
Bromoform	<2.2		5.0	2.2	ug/L			09/13/17 12:28	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			09/13/17 12:28	5
Chloroform	<1.9		10	1.9	ug/L			09/13/17 12:28	5
cis-1,2-Dichloroethene	22		5.0	2.0	ug/L			09/13/17 12:28	5
Dichlorobromomethane	<1.9		5.0	1.9	ug/L			09/13/17 12:28	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			09/13/17 12:28	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			09/13/17 12:28	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			09/13/17 12:28	5
Methyl bromide	<3.2		10	3.2	ug/L			09/13/17 12:28	5
Methyl chloride	<1.6		5.0	1.6	ug/L			09/13/17 12:28	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			09/13/17 12:28	5
1,1,1,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			09/13/17 12:28	5
Toluene	<0.76		2.5	0.76	ug/L			09/13/17 12:28	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			09/13/17 12:28	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			09/13/17 12:28	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			09/13/17 12:28	5
Trichloroethene	66		2.5	0.82	ug/L			09/13/17 12:28	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			09/13/17 12:28	5
Xylenes, Total	<2.0		5.0	2.0	ug/L			09/13/17 12:28	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		71 - 120		09/13/17 12:28	5
1,2-Dichloroethane-d4 (Surr)	88		71 - 127		09/13/17 12:28	5
Toluene-d8 (Surr)	93		75 - 120		09/13/17 12:28	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1700		50	19	ug/L			09/13/17 12:57	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		71 - 120		09/13/17 12:57	50
1,2-Dichloroethane-d4 (Surr)	87		71 - 127		09/13/17 12:57	50
Toluene-d8 (Surr)	93		75 - 120		09/13/17 12:57	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	95.4		5.9	1.6	mg/L		09/13/17 07:15	09/13/17 12:03	1
Chloride	120		5.0	4.3	mg/L			09/12/17 18:11	25
Total Suspended Solids	<1.9		5.0	1.9	mg/L			09/12/17 12:38	1

Client Sample Results

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

TestAmerica Job ID: 500-133859-1

Client Sample ID: Effluent

Date Collected: 09/11/17 09:00

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-2

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			09/13/17 13:27	1
Bromoform	<0.45		1.0	0.45	ug/L			09/13/17 13:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/13/17 13:27	1
Chloroform	<0.37		2.0	0.37	ug/L			09/13/17 13:27	1
cis-1,2-Dichloroethene	17		1.0	0.41	ug/L			09/13/17 13:27	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/13/17 13:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/13/17 13:27	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/13/17 13:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/13/17 13:27	1
Methyl bromide	<0.65		2.0	0.65	ug/L			09/13/17 13:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			09/13/17 13:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/13/17 13:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/13/17 13:27	1
Tetrachloroethene	25		1.0	0.37	ug/L			09/13/17 13:27	1
Toluene	<0.15		0.50	0.15	ug/L			09/13/17 13:27	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/13/17 13:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/13/17 13:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/13/17 13:27	1
Trichloroethene	8.1		0.50	0.16	ug/L			09/13/17 13:27	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			09/13/17 13:27	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/13/17 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		71 - 120		09/13/17 13:27	1
1,2-Dichloroethane-d4 (Surr)	87		71 - 127		09/13/17 13:27	1
Toluene-d8 (Surr)	95		75 - 120		09/13/17 13:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	2.2	J	5.1	1.4	mg/L		09/13/17 07:15	09/13/17 12:09	1
Chloride	120		5.0	4.3	mg/L			09/12/17 18:24	25
Total Suspended Solids	<1.9		5.0	1.9	mg/L			09/12/17 12:40	1

Client Sample Results

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

TestAmerica Job ID: 500-133859-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-133859-3

Date Collected: 09/11/17 00:00

Matrix: Water

Date Received: 09/12/17 10:15

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			09/13/17 10:59	1
Bromoform	<0.45		1.0	0.45	ug/L			09/13/17 10:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/13/17 10:59	1
Chloroform	<0.37		2.0	0.37	ug/L			09/13/17 10:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/13/17 10:59	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/13/17 10:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/13/17 10:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/13/17 10:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/13/17 10:59	1
Methyl bromide	<0.65		2.0	0.65	ug/L			09/13/17 10:59	1
Methyl chloride	<0.32		1.0	0.32	ug/L			09/13/17 10:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/13/17 10:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/13/17 10:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/13/17 10:59	1
Toluene	<0.15		0.50	0.15	ug/L			09/13/17 10:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/13/17 10:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/13/17 10:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/13/17 10:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/13/17 10:59	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			09/13/17 10:59	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/13/17 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		71 - 120		09/13/17 10:59	1
1,2-Dichloroethane-d4 (Surr)	87		71 - 127		09/13/17 10:59	1
Toluene-d8 (Surr)	97		75 - 120		09/13/17 10:59	1

Definitions/Glossary

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

TestAmerica Job ID: 500-133859-1

Qualifiers

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.
▫	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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: 500-133859-1

GC/MS VOA

Analysis Batch: 401182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	624	
500-133859-1 - DL	Influent	Total/NA	Water	624	
500-133859-2	Effluent	Total/NA	Water	624	
500-133859-3	Trip Blank	Total/NA	Water	624	
MB 500-401182/7	Method Blank	Total/NA	Water	624	
LCS 500-401182/5	Lab Control Sample	Total/NA	Water	624	

General Chemistry

Analysis Batch: 401090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	SM 2540D	
500-133859-2	Effluent	Total/NA	Water	SM 2540D	
MB 500-401090/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-401090/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 401092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	300.0	
500-133859-2	Effluent	Total/NA	Water	300.0	
MB 500-401092/8	Method Blank	Total/NA	Water	300.0	
LCS 500-401092/9	Lab Control Sample	Total/NA	Water	300.0	

Prep Batch: 401124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	1664B	
500-133859-2	Effluent	Total/NA	Water	1664B	
MB 500-401124/1-A	Method Blank	Total/NA	Water	1664B	
LCS 500-401124/2-A	Lab Control Sample	Total/NA	Water	1664B	

Analysis Batch: 401175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	1664B	401124
500-133859-2	Effluent	Total/NA	Water	1664B	401124
MB 500-401124/1-A	Method Blank	Total/NA	Water	1664B	401124
LCS 500-401124/2-A	Lab Control Sample	Total/NA	Water	1664B	401124

Surrogate Summary

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

TestAmerica Job ID: 500-133859-1

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)
500-133859-1	Influent	92	88	93
500-133859-1 - DL	Influent	91	87	93
500-133859-2	Effluent	91	87	95
500-133859-3	Trip Blank	90	87	97
LCS 500-401182/5	Lab Control Sample	93	83	101
MB 500-401182/7	Method Blank	91	88	98

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: 500-133859-1

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

Lab Sample ID: MB 500-401182/7

Matrix: Water

Analysis Batch: 401182

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			09/13/17 10:30	1
Bromoform	<0.45		1.0	0.45	ug/L			09/13/17 10:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/13/17 10:30	1
Chloroform	<0.37		2.0	0.37	ug/L			09/13/17 10:30	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/13/17 10:30	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/13/17 10:30	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/13/17 10:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/13/17 10:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/13/17 10:30	1
Methyl bromide	<0.65		2.0	0.65	ug/L			09/13/17 10:30	1
Methyl chloride	<0.32		1.0	0.32	ug/L			09/13/17 10:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/13/17 10:30	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/13/17 10:30	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/13/17 10:30	1
Toluene	<0.15		0.50	0.15	ug/L			09/13/17 10:30	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/13/17 10:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/13/17 10:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/13/17 10:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/13/17 10:30	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			09/13/17 10:30	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/13/17 10:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		71 - 120		09/13/17 10:30	1
1,2-Dichloroethane-d4 (Surr)	88		71 - 127		09/13/17 10:30	1
Toluene-d8 (Surr)	98		75 - 120		09/13/17 10:30	1

Lab Sample ID: LCS 500-401182/5

Matrix: Water

Analysis Batch: 401182

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	45.3		ug/L		91	37 - 151
Bromoform	50.0	49.1		ug/L		98	45 - 169
Carbon tetrachloride	50.0	43.1		ug/L		86	70 - 140
Chloroform	50.0	42.4		ug/L		85	51 - 138
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 130
Dichlorobromomethane	50.0	44.2		ug/L		88	35 - 155
1,2-Dichloroethane	50.0	39.8		ug/L		80	49 - 155
1,1-Dichloroethene	50.0	44.2		ug/L		88	10 - 234
Ethylbenzene	50.0	44.7		ug/L		89	37 - 162
Methyl bromide	50.0	70.3		ug/L		141	10 - 242
Methyl chloride	50.0	36.2		ug/L		72	10 - 273
m&p-Xylene	50.0	41.8		ug/L		84	
o-Xylene	50.0	42.3		ug/L		85	
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/L		101	46 - 157
Tetrachloroethene	50.0	48.4		ug/L		97	64 - 148
Toluene	50.0	47.1		ug/L		94	47 - 150

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-133859-1

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

Lab Sample ID: LCS 500-401182/5
Matrix: Water
Analysis Batch: 401182

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	45.7		ug/L		91	54 - 156
1,1,1-Trichloroethane	50.0	40.1		ug/L		80	52 - 162
1,1,2-Trichloroethane	50.0	52.3		ug/L		105	52 - 150
Trichloroethene	50.0	48.2		ug/L		96	71 - 157
Vinyl chloride	50.0	50.9		ug/L		102	10 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		71 - 120
1,2-Dichloroethane-d4 (Surr)	83		71 - 127
Toluene-d8 (Surr)	101		75 - 120

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 500-401124/1-A
Matrix: Water
Analysis Batch: 401175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 401124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	<1.3		5.0	1.3	mg/L		09/13/17 07:15	09/13/17 10:00	1

Lab Sample ID: LCS 500-401124/2-A
Matrix: Water
Analysis Batch: 401175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 401124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	40.50		mg/L		101	78 - 114

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-401092/8
Matrix: Water
Analysis Batch: 401092

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.17		0.20	0.17	mg/L			09/12/17 11:50	1

Lab Sample ID: LCS 500-401092/9
Matrix: Water
Analysis Batch: 401092

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	2.87		mg/L		96	90 - 110

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-133859-1

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

Lab Sample ID: MB 500-401090/1
 Matrix: Water
 Analysis Batch: 401090

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	<1.9		5.0	1.9	mg/L			09/12/17 12:05	1

Lab Sample ID: LCS 500-401090/2
 Matrix: Water
 Analysis Batch: 401090

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	193		mg/L		97	80 - 120

Lab Chronicle

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

TestAmerica Job ID: 500-133859-1

Client Sample ID: Influent

Date Collected: 09/11/17 08:40

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	401182	09/13/17 12:28	PMF	TAL CHI
Total/NA	Analysis	624	DL	50	401182	09/13/17 12:57	PMF	TAL CHI
Total/NA	Prep	1664B			401124	09/13/17 07:15	MTB	TAL CHI
Total/NA	Analysis	1664B		1	401175	09/13/17 12:03	MTB	TAL CHI
Total/NA	Analysis	300.0		25	401092	09/12/17 18:11	EAT	TAL CHI
Total/NA	Analysis	SM 2540D		1	401090		SMO	TAL CHI
						(Start) 09/12/17 12:38		
						(End) 09/12/17 12:40		

Client Sample ID: Effluent

Date Collected: 09/11/17 09:00

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	401182	09/13/17 13:27	PMF	TAL CHI
Total/NA	Prep	1664B			401124	09/13/17 07:15	MTB	TAL CHI
Total/NA	Analysis	1664B		1	401175	09/13/17 12:09	MTB	TAL CHI
Total/NA	Analysis	300.0		25	401092	09/12/17 18:24	EAT	TAL CHI
Total/NA	Analysis	SM 2540D		1	401090		SMO	TAL CHI
						(Start) 09/12/17 12:40		
						(End) 09/12/17 12:41		

Client Sample ID: Trip Blank

Date Collected: 09/11/17 00:00

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	401182	09/13/17 10:59	PMF	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 500-133859-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-18

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ORIGIN ID: JOTA (708) 534-5200
ALINA SATKOSKI
MADISON-KIPP CORPORATION
201 WAUBESA STREET

SHIP DATE: 07SEPT17
ACTWGT: 30.00 LB MAN
CAD: 33264/CAFE3107

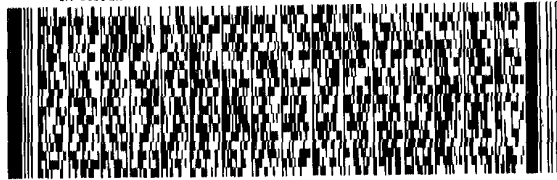
MADISON, WI 53704
UNITED STATES US

TO **SAMPLE LOGIN**
TESTAMERICA LABS
2417 BOND ST

UNIVERSITY PARK IL 60466

(708) 534-5200
DEPT: PM

RMA: ||| ||| |||



FedEx
Express



5460YFF19/53C1

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500-133859 Waybill

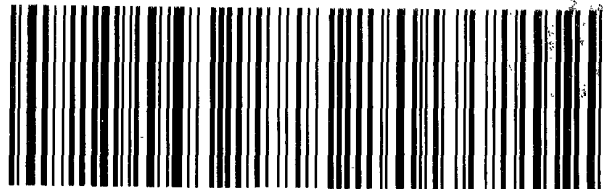
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Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-133859-1

Login Number: 133859

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.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	8.4
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 <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: 500-133859-2

Client Project/Site: MadisonKipp - GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

9/18/2017 4:14:43 PM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

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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.

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Case Narrative

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

TestAmerica Job ID: 500-133859-2

Job ID: 500-133859-2

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-133859-2**

Comments

No additional comments.

Receipt

The samples were received on 9/12/2017 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.4° C.

GC/MS Semi VOA

Method(s) 625 SIM: The continuing calibration verification (CCV) associated with batch 490-459604 recovered above the upper control limit for Indeno[1,2,3-cd]pyrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCVIS 490-459604/2).

Method(s) 625 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 490-459704 and analytical batch 490-459604.

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: 500-133859-2

Client Sample ID: Influent

Lab Sample ID: 500-133859-1

No Detections.

Client Sample ID: Effluent

Lab Sample ID: 500-133859-2

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/SVE

TestAmerica Job ID: 500-133859-2

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: 500-133859-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-133859-1	Influent	Water	09/11/17 08:40	09/12/17 10:15
500-133859-2	Effluent	Water	09/11/17 09:00	09/12/17 10:15

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Client Sample Results

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

TestAmerica Job ID: 500-133859-2

Client Sample ID: Influent

Date Collected: 09/11/17 08:40

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-1

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	<0.028		0.056	0.028	ug/L		09/13/17 14:11	09/14/17 00:23	1
Benzo[a]pyrene	<0.028		0.056	0.028	ug/L		09/13/17 14:11	09/14/17 00:23	1
Benzo[b]fluoranthene	<0.028		0.056	0.028	ug/L		09/13/17 14:11	09/14/17 00:23	1
Benzo[g,h,i]perylene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Benzo[k]fluoranthene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Chrysene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Dibenz(a,h)anthracene	<0.028		0.056	0.028	ug/L		09/13/17 14:11	09/14/17 00:23	1
Fluoranthene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Indeno[1,2,3-cd]pyrene	<0.028		0.056	0.028	ug/L		09/13/17 14:11	09/14/17 00:23	1
Naphthalene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Phenanthrene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1
Pyrene	<0.056		0.11	0.056	ug/L		09/13/17 14:11	09/14/17 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		27 - 120	09/13/17 14:11	09/14/17 00:23	1
Terphenyl-d14	83		13 - 120	09/13/17 14:11	09/14/17 00:23	1
2-Fluorobiphenyl (Surr)	95		10 - 120	09/13/17 14:11	09/14/17 00:23	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			09/12/17 18:31	1

Client Sample Results

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

TestAmerica Job ID: 500-133859-2

Client Sample ID: Effluent

Date Collected: 09/11/17 09:00

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-2

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	<0.026		0.052	0.026	ug/L		09/13/17 14:11	09/14/17 00:43	1
Benzo[a]pyrene	<0.026		0.052	0.026	ug/L		09/13/17 14:11	09/14/17 00:43	1
Benzo[b]fluoranthene	<0.026		0.052	0.026	ug/L		09/13/17 14:11	09/14/17 00:43	1
Benzo[g,h,i]perylene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Benzo[k]fluoranthene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Chrysene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Dibenz(a,h)anthracene	<0.026		0.052	0.026	ug/L		09/13/17 14:11	09/14/17 00:43	1
Fluoranthene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Indeno[1,2,3-cd]pyrene	<0.026		0.052	0.026	ug/L		09/13/17 14:11	09/14/17 00:43	1
Naphthalene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Phenanthrene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1
Pyrene	<0.052		0.10	0.052	ug/L		09/13/17 14:11	09/14/17 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	53		27 - 120	09/13/17 14:11	09/14/17 00:43	1
Terphenyl-d14	81		13 - 120	09/13/17 14:11	09/14/17 00:43	1
2-Fluorobiphenyl (Surr)	92		10 - 120	09/13/17 14:11	09/14/17 00:43	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			09/12/17 18:36	1

Definitions/Glossary

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

TestAmerica Job ID: 500-133859-2

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: 500-133859-2

GC/MS Semi VOA

Analysis Batch: 459604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	625 SIM	459704
500-133859-2	Effluent	Total/NA	Water	625 SIM	459704
MB 490-459704/1-A	Method Blank	Total/NA	Water	625 SIM	459704
LCS 490-459704/2-A	Lab Control Sample	Total/NA	Water	625 SIM	459704
LCSD 490-459704/3-A	Lab Control Sample Dup	Total/NA	Water	625 SIM	459704

Prep Batch: 459704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	625	
500-133859-2	Effluent	Total/NA	Water	625	
MB 490-459704/1-A	Method Blank	Total/NA	Water	625	
LCS 490-459704/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 490-459704/3-A	Lab Control Sample Dup	Total/NA	Water	625	

General Chemistry

Analysis Batch: 401129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-133859-1	Influent	Total/NA	Water	SM 5210B	
500-133859-2	Effluent	Total/NA	Water	SM 5210B	
USB 500-401129/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 500-401129/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Surrogate Summary

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

TestAmerica Job ID: 500-133859-2

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	NBZ (27-120)	TPH (13-120)	FBP (10-120)
500-133859-1	Influent	50	83	95
500-133859-2	Effluent	53	81	92
LCS 490-459704/2-A	Lab Control Sample	54	78	82
LCSD 490-459704/3-A	Lab Control Sample Dup	65	88	98
MB 490-459704/1-A	Method Blank	63	79	90

Surrogate Legend

NBZ = Nitrobenzene-d5

TPH = Terphenyl-d14

FBP = 2-Fluorobiphenyl (Surr)

QC Sample Results

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

TestAmerica Job ID: 500-133859-2

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

Lab Sample ID: MB 490-459704/1-A
Matrix: Water
Analysis Batch: 459604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 459704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.025		0.050	0.025	ug/L		09/13/17 14:11	09/13/17 23:22	1
Benzo[a]pyrene	<0.025		0.050	0.025	ug/L		09/13/17 14:11	09/13/17 23:22	1
Benzo[b]fluoranthene	<0.025		0.050	0.025	ug/L		09/13/17 14:11	09/13/17 23:22	1
Benzo[g,h,i]perylene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Benzo[k]fluoranthene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Chrysene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Dibenz(a,h)anthracene	<0.025		0.050	0.025	ug/L		09/13/17 14:11	09/13/17 23:22	1
Fluoranthene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Indeno[1,2,3-cd]pyrene	<0.025		0.050	0.025	ug/L		09/13/17 14:11	09/13/17 23:22	1
Naphthalene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Phenanthrene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1
Pyrene	<0.050		0.10	0.050	ug/L		09/13/17 14:11	09/13/17 23:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	63		27 - 120	09/13/17 14:11	09/13/17 23:22	1
Terphenyl-d14	79		13 - 120	09/13/17 14:11	09/13/17 23:22	1
2-Fluorobiphenyl (Surr)	90		10 - 120	09/13/17 14:11	09/13/17 23:22	1

Lab Sample ID: LCS 490-459704/2-A
Matrix: Water
Analysis Batch: 459604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 459704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	40.0	33.1		ug/L		83	33 - 143
Benzo[a]pyrene	40.0	31.4		ug/L		79	17 - 163
Benzo[b]fluoranthene	40.0	33.6		ug/L		84	24 - 159
Benzo[g,h,i]perylene	40.0	32.4		ug/L		81	10 - 219
Benzo[k]fluoranthene	40.0	30.5		ug/L		76	11 - 162
Chrysene	40.0	33.8		ug/L		85	17 - 168
Dibenz(a,h)anthracene	40.0	33.4		ug/L		84	10 - 227
Fluoranthene	40.0	35.4		ug/L		88	26 - 137
Indeno[1,2,3-cd]pyrene	40.0	40.8		ug/L		102	10 - 171
Naphthalene	40.0	31.1		ug/L		78	21 - 133
Phenanthrene	40.0	32.2		ug/L		81	54 - 120
Pyrene	40.0	33.3		ug/L		83	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	54		27 - 120
Terphenyl-d14	78		13 - 120
2-Fluorobiphenyl (Surr)	82		10 - 120

Lab Sample ID: LCSD 490-459704/3-A
Matrix: Water
Analysis Batch: 459604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 459704

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Benzo[a]anthracene	40.0	36.2		ug/L		90	33 - 143	9	30

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-133859-2

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

Lab Sample ID: LCSD 490-459704/3-A
Matrix: Water
Analysis Batch: 459604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 459704

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[a]pyrene	40.0	34.3		ug/L		86	17 - 163	9	30
Benzo[b]fluoranthene	40.0	38.0		ug/L		95	24 - 159	12	30
Benzo[g,h,i]perylene	40.0	35.7		ug/L		89	10 - 219	10	30
Benzo[k]fluoranthene	40.0	33.4		ug/L		83	11 - 162	9	30
Chrysene	40.0	36.6		ug/L		92	17 - 168	8	30
Dibenz(a,h)anthracene	40.0	36.4		ug/L		91	10 - 227	9	30
Fluoranthene	40.0	38.1		ug/L		95	26 - 137	7	30
Indeno[1,2,3-cd]pyrene	40.0	45.6		ug/L		114	10 - 171	11	30
Naphthalene	40.0	36.3		ug/L		91	21 - 133	15	30
Phenanthrene	40.0	34.9		ug/L		87	54 - 120	8	30
Pyrene	40.0	35.9		ug/L		90	52 - 115	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Nitrobenzene-d5	65		27 - 120
Terphenyl-d14	88		13 - 120
2-Fluorobiphenyl (Surr)	98		10 - 120

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 500-401129/1
Matrix: Water
Analysis Batch: 401129

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			09/12/17 17:14	1

Lab Sample ID: LCS 500-401129/2
Matrix: Water
Analysis Batch: 401129

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	218		mg/L		110	85 - 115

Lab Chronicle

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

TestAmerica Job ID: 500-133859-2

Client Sample ID: Influent

Date Collected: 09/11/17 08:40

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			459704	09/13/17 14:11	KB	TAL NSH
Total/NA	Analysis	625 SIM		1	459604	09/14/17 00:23	T1C	TAL NSH
Total/NA	Analysis	SM 5210B		1	401129		SSN	TAL CHI
					(Start)	09/12/17 18:31		
					(End)	09/12/17 18:36		

Client Sample ID: Effluent

Date Collected: 09/11/17 09:00

Date Received: 09/12/17 10:15

Lab Sample ID: 500-133859-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			459704	09/13/17 14:11	KB	TAL NSH
Total/NA	Analysis	625 SIM		1	459604	09/14/17 00:43	T1C	TAL NSH
Total/NA	Analysis	SM 5210B		1	401129		SSN	TAL CHI
					(Start)	09/12/17 18:36		
					(End)	09/12/17 18:41		

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 500-133859-2

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-18

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Identification Number	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-17
A2LA	ISO/IEC 17025		0453.07	12-31-17
Alaska (UST)	State Program	10	UST-087	01-01-18
Arizona	State Program	9	AZ0473	05-05-18
Arkansas DEQ	State Program	6	88-0737	04-25-18
California	State Program	9	2938	10-31-18
Connecticut	State Program	1	PH-0220	12-31-17
Florida	NELAP	4	E87358	06-30-18
Georgia	State Program	4	E87358(FL)/453.07(A2L A)	12-31-17
Illinois	NELAP	5	200010	12-09-17
Iowa	State Program	7	131	04-01-18
Kansas	NELAP	7	E-10229	10-31-17
Kentucky (UST)	State Program	4	19	06-30-18
Kentucky (WW)	State Program	4	90038	12-31-17
Louisiana	NELAP	6	30613	06-30-18
Maine	State Program	1	TN00032	11-03-17
Maryland	State Program	3	316	03-31-18
Massachusetts	State Program	1	M-TN032	06-30-18
Minnesota	NELAP	5	047-999-345	12-31-17
Mississippi	State Program	4	N/A	06-30-18
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-18
New Hampshire	NELAP	1	2963	10-09-17
New Jersey	NELAP	2	TN965	06-30-18
New York	NELAP	2	11342	03-31-18
North Carolina (WW/SW)	State Program	4	387	12-31-17
North Dakota	State Program	8	R-146	06-30-18
Ohio VAP	State Program	5	CL0033	07-06-19
Oklahoma	State Program	6	9412	08-31-17 *
Oregon	NELAP	10	TN200001	04-27-18
Pennsylvania	NELAP	3	68-00585	06-30-18
Rhode Island	State Program	1	LAO00268	12-30-17
South Carolina	State Program	4	84009 (001)	02-28-18
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-20
Texas	NELAP	6	T104704077	08-31-18
USDA	Federal		P330-13-00306	12-01-19
Utah	NELAP	8	TN00032	07-31-17 *
Virginia	NELAP	3	460152	06-14-18
Washington	State Program	10	C789	07-19-18
West Virginia DEP	State Program	3	219	02-28-18
Wisconsin	State Program	5	998020430	08-31-17 *
Wyoming (UST)	A2LA	8	453.07	12-31-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Chicago

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

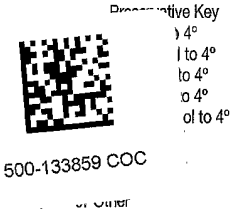
Report To (optional)
 Contact: A. Sattkoski / A Stehn
 Company: MKC / TRC
 Address: 201 Wabesa St.
Madison WI 53704
 Phone: 608 242 5200
 Fax: asaatkoski@
 E-Mail: madison-kipp.com

Bill To (optional)
 Contact: Accounts Payable
 Company: Madison-Kipp
 Address: ap@madison-kipp.
com
 Phone: _____
 Fax: _____
 PO#/Reference#: 106985

Chain of Custody Record

Lab Job #: 500133859
 Chain of Custody Number: _____
 Page 1 of 1
 Temperature °C of Cooler: 8.4

Client		Client Project #		Preservative		Parameter		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix	
<u>MKC</u>																					
Project Name		Lab Project #		Parameter		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix	
<u>GEIS</u>																					
Project Location/State		Lab Project #		Parameter		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix	
<u>Madison, WI</u>																					
Sampler		Lab PM		Parameter		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix		Matrix	
<u>Alina Sattkoski</u>		<u>Sandra Fredrick</u>																			
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOC	Oil + Grease	BOD/TSS/Chloride	PAH	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	
1		Influent	9/14/17	840	9	W	X	X	X	X											
2		Effluent	9/16/17	900	9	W	X	X	X	X											
3		Trip Blank	-	-	2	W	X														



Comments
for VOC + PAH see attached analyte 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 Sattkoski</u>	Company <u>MKC</u>	Date <u>9/11/17</u>	Time <u>12:00</u>	Received By <u>Ariel Sanchez</u>	Company <u>MALTY</u>	Date <u>09/12/17</u>	Time <u>1015</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: FX Priority
 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: _____

ORIGIN ID: JOTA (708) 534-5200
ALINA SATKOSKI
MADISON-KIPP CORPORATION
201 WAUBESA STREET

SHIP DATE: 07SEPT17
ACTWGT: 30.00 LB MAN
CAD: 33264/CAFE3107

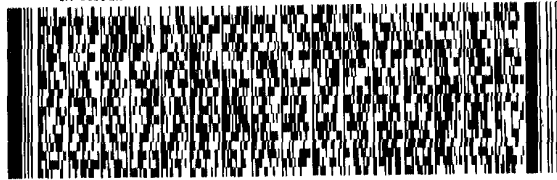
MADISON, WI 53704
UNITED STATES US

TO **SAMPLE LOGIN**
TESTAMERICA LABS
2417 BOND ST

UNIVERSITY PARK IL 60466

(708) 534-5200
DEPT: PM

RMA: ||| ||| |||



FedEx
Express



546CLYFF19/53CL

J171010102007 us

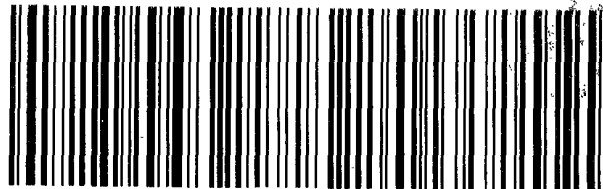
FedEx
TRK# 4059 7165 0343
0221

TUE - 12 SEP 10:30A
PRIORITY OVERNIGHT

79 JOTA

60466
IL-US **ORD**

4059 7165 0343
8/18/17



*2633987 09/11 549J1/FF19/104C



500-133859 Waybill

- 1
- 2
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- 15

COOLER RECEIPT FORM



500-133859 Chain of Custody

Cooler Received/Opened On 09-13-2017 @ 09:40

Time Samples Removed From Cooler 1146 Time Samples Placed In Storage 1151 (2 Hour Window)

1. Tracking # 1497 (last 4 digits, FedEx) Courier: FedEx
IR Gun ID 31470368 pH Strip Lot NA Chlorine Strip Lot NA

2. Temperature of rep. sample or temp blank when opened: 1.9 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: (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) KD

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



Larger than this.

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) HKG

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) HKG

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) HKG

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

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
133859



Client Information (Sub Contract Lab)

Client Contact: _____
Shipping/Receiving: _____

Sampler: _____
Lab PM: _____
Fredrick, Sandie J

Phone: _____
E-Mail: sandie.fredrick@testamericainc.com
State of Origin: Wisconsin

Accreditations Required (See note): _____
State Program - Wisconsin

Company: TestAmerica Laboratories, Inc

Address: 2980 Foster Creighton Drive,
Nashville
TN, 37204

Date Date Requested: 9/15/2017
TAT Requested (days): _____

City: Nashville
State, Zip: TN, 37204

Phone: 615-726-0177(Tel) 615-726-3404(Fax)
Email: _____

Project Name: Madison/Kipp - GETS/SVE
Project #: 50009145
SSOW#: _____

Due Date Requested: 9/15/2017

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (G=grab)	Matrix (W=Water, S=Soil, O=Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
Influent (500-133859-1)	9/1/117	08:40	Central	Water	X	625_SIM/625_Prep_LVI (MOD) Single compound	2	
Effluent (500-133859-2)	9/1/117	09:00	Central	Water	X		2	

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NH4SO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2OAS
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecylhydrate
U - Acetone
V - MCAA
W - pH 4.5
Z - other (Specify)

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyze & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/analyte being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (Specify)

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:

Date: _____ Time: _____

Method of Shipment: _____

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
<i>Sink</i>	09/12/17 1600	TA	<i>[Signature]</i>	9/13/17 0940	TA

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-133859-2

Login Number: 133859

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.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	8.4
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 <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: 500-133859-2

Login Number: 133859

List Number: 2

Creator: Gundi, Hozar K

List Source: TestAmerica Nashville

List Creation: 09/13/17 11:43 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

