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**Madison-Kipp
Corporation**

201 Waubesa Street
Madison, WI 53704-5728

April 1, 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 March, with the exception of routine maintenance activities. This letter summarizes the activities completed in March 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 March 7, 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 March, 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)

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 Lattek:

4-1-2016

Signature of Person Completing Form

Date

Alina Lattek:

4-1-2016

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: 500-108449-1

Client Project/Site: MadisonKipp GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

3/10/2016 10:11:28 AM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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www.testamericainc.com

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

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

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

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Case Narrative

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

TestAmerica Job ID: 500-108449-1

Job ID: 500-108449-1

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-108449-1**

Comments

No additional comments.

Receipt

The samples were received on 3/8/2016 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.8° C.

GC/MS VOA

Method(s) 624: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent (500-108449-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

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Detection Summary

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

TestAmerica Job ID: 500-108449-1

Client Sample ID: Influent

Lab Sample ID: 500-108449-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	2500		50	19	ug/L	50		624	Total/NA
HEM (Oil & Grease)	1.6	J B	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	2.0	J	5.0	1.6	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-108449-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.41	ug/L	1		624	Total/NA
Tetrachloroethene	40		1.0	0.37	ug/L	1		624	Total/NA
Trichloroethene	6.3		0.50	0.16	ug/L	1		624	Total/NA
HEM (Oil & Grease)	0.87	J F1 B	5.5	0.59	mg/L	1		1664B	Total/NA
Chloride	100		5.0	1.9	mg/L	25		300.0	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-108449-3

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: 500-108449-1

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: 500-108449-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-108449-1	Influent	Water	03/07/16 14:00	03/08/16 09:05
500-108449-2	Effluent	Water	03/07/16 14:05	03/08/16 09:05
500-108449-3	Trip Blank	Water	03/07/16 00:00	03/08/16 09:05

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Client Sample Results

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

TestAmerica Job ID: 500-108449-1

Client Sample ID: Influent

Date Collected: 03/07/16 14:00

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-1

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			03/09/16 15:26	5
Bromoform	<2.2		5.0	2.2	ug/L			03/09/16 15:26	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			03/09/16 15:26	5
Chloroform	<1.9		5.0	1.9	ug/L			03/09/16 15:26	5
cis-1,2-Dichloroethene	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5
Dichlorobromomethane	<1.9		5.0	1.9	ug/L			03/09/16 15:26	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			03/09/16 15:26	5
Methyl bromide	<3.2		10	3.2	ug/L			03/09/16 15:26	5
Methyl chloride	<1.6		5.0	1.6	ug/L			03/09/16 15:26	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5
Toluene	<0.76		2.5	0.76	ug/L			03/09/16 15:26	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			03/09/16 15:26	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			03/09/16 15:26	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			03/09/16 15:26	5
Trichloroethene	<0.82		2.5	0.82	ug/L			03/09/16 15:26	5
Vinyl chloride	<1.0		2.5	1.0	ug/L			03/09/16 15:26	5
Xylenes, Total	<2.0		5.0	2.0	ug/L			03/09/16 15:26	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 120		03/09/16 15:26	5
1,2-Dichloroethane-d4 (Surr)	103		75 - 125		03/09/16 15:26	5
Toluene-d8 (Surr)	88		75 - 120		03/09/16 15:26	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2500		50	19	ug/L			03/09/16 15:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 120		03/09/16 15:53	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 125		03/09/16 15:53	50
Toluene-d8 (Surr)	90		75 - 120		03/09/16 15:53	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.6	J B	5.4	0.58	mg/L		03/08/16 18:09	03/08/16 21:05	1
Chloride	100		5.0	1.9	mg/L			03/08/16 20:11	25
Total Suspended Solids	2.0	J	5.0	1.6	mg/L			03/08/16 15:29	1

Client Sample Results

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

TestAmerica Job ID: 500-108449-1

Client Sample ID: Effluent

Date Collected: 03/07/16 14:05

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-2

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			03/09/16 16:19	1
Bromoform	<0.45		1.0	0.45	ug/L			03/09/16 16:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/16 16:19	1
Chloroform	<0.37		1.0	0.37	ug/L			03/09/16 16:19	1
cis-1,2-Dichloroethene	19		1.0	0.41	ug/L			03/09/16 16:19	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/09/16 16:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/16 16:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/09/16 16:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/16 16:19	1
Methyl bromide	<0.65		2.0	0.65	ug/L			03/09/16 16:19	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/16 16:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/16 16:19	1
1,1,1,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/16 16:19	1
Tetrachloroethene	40		1.0	0.37	ug/L			03/09/16 16:19	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/16 16:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/09/16 16:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/16 16:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/16 16:19	1
Trichloroethene	6.3		0.50	0.16	ug/L			03/09/16 16:19	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			03/09/16 16:19	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/09/16 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 120		03/09/16 16:19	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 125		03/09/16 16:19	1
Toluene-d8 (Surr)	91		75 - 120		03/09/16 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	0.87	J F1 B	5.5	0.59	mg/L		03/08/16 18:23	03/08/16 21:10	1
Chloride	100		5.0	1.9	mg/L			03/08/16 20:24	25
Total Suspended Solids	<1.6		5.0	1.6	mg/L			03/08/16 15:32	1

Client Sample Results

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

TestAmerica Job ID: 500-108449-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-108449-3

Date Collected: 03/07/16 00:00

Matrix: Water

Date Received: 03/08/16 09:05

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			03/09/16 16:46	1
Bromoform	<0.45		1.0	0.45	ug/L			03/09/16 16:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/16 16:46	1
Chloroform	<0.37		1.0	0.37	ug/L			03/09/16 16:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/09/16 16:46	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/09/16 16:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/16 16:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/09/16 16:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/16 16:46	1
Methyl bromide	<0.65		2.0	0.65	ug/L			03/09/16 16:46	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/16 16:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/16 16:46	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/16 16:46	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/09/16 16:46	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/16 16:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/09/16 16:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/16 16:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/16 16:46	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/09/16 16:46	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			03/09/16 16:46	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/09/16 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 120		03/09/16 16:46	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 125		03/09/16 16:46	1
Toluene-d8 (Surr)	88		75 - 120		03/09/16 16:46	1

Definitions/Glossary

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

TestAmerica Job ID: 500-108449-1

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.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.

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: 500-108449-1

GC/MS VOA

Analysis Batch: 326180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	624	
500-108449-1 - DL	Influent	Total/NA	Water	624	
500-108449-2	Effluent	Total/NA	Water	624	
500-108449-3	Trip Blank	Total/NA	Water	624	
LCS 500-326180/4	Lab Control Sample	Total/NA	Water	624	
MB 500-326180/6	Method Blank	Total/NA	Water	624	

General Chemistry

Analysis Batch: 326108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	SM 2540D	
500-108449-1 DU	Influent	Total/NA	Water	SM 2540D	
500-108449-2	Effluent	Total/NA	Water	SM 2540D	
LCS 500-326108/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 500-326108/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 326131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	1664B	
500-108449-2	Effluent	Total/NA	Water	1664B	
500-108449-2 MS	Effluent	Total/NA	Water	1664B	
LCS 500-326131/2-A	Lab Control Sample	Total/NA	Water	1664B	
MB 500-326131/1-A	Method Blank	Total/NA	Water	1664B	

Analysis Batch: 326144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	1664B	326131
500-108449-2	Effluent	Total/NA	Water	1664B	326131
500-108449-2 MS	Effluent	Total/NA	Water	1664B	326131
LCS 500-326131/2-A	Lab Control Sample	Total/NA	Water	1664B	326131
MB 500-326131/1-A	Method Blank	Total/NA	Water	1664B	326131

Analysis Batch: 326211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	300.0	
500-108449-2	Effluent	Total/NA	Water	300.0	
LCS 500-326211/4	Lab Control Sample	Total/NA	Water	300.0	
MB 500-326211/3	Method Blank	Total/NA	Water	300.0	

Surrogate Summary

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

TestAmerica Job ID: 500-108449-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (75-120)	12DCE (75-125)	TOL (75-120)
500-108449-1	Influent	91	103	88
500-108449-1 - DL	Influent	89	107	90
500-108449-2	Effluent	89	101	91
500-108449-3	Trip Blank	88	104	88
LCS 500-326180/4	Lab Control Sample	91	102	93
MB 500-326180/6	Method Blank	92	103	90

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: 500-108449-1

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

Lab Sample ID: MB 500-326180/6
Matrix: Water
Analysis Batch: 326180

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			03/09/16 11:01	1
Bromoform	<0.45		1.0	0.45	ug/L			03/09/16 11:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/16 11:01	1
Chloroform	<0.37		1.0	0.37	ug/L			03/09/16 11:01	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			03/09/16 11:01	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/09/16 11:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/16 11:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/09/16 11:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/16 11:01	1
Methyl bromide	<0.65		2.0	0.65	ug/L			03/09/16 11:01	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/16 11:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/16 11:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/16 11:01	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/09/16 11:01	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/16 11:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			03/09/16 11:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/16 11:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/16 11:01	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/09/16 11:01	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			03/09/16 11:01	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/09/16 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 120		03/09/16 11:01	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 125		03/09/16 11:01	1
Toluene-d8 (Surr)	90		75 - 120		03/09/16 11:01	1

Lab Sample ID: LCS 500-326180/4
Matrix: Water
Analysis Batch: 326180

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	51.4		ug/L		103	37 - 151
Bromoform	50.0	55.7		ug/L		111	45 - 169
Carbon tetrachloride	50.0	60.9		ug/L		122	70 - 140
Chloroform	50.0	53.1		ug/L		106	51 - 138
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 130
Dichlorobromomethane	50.0	53.3		ug/L		107	35 - 155
1,2-Dichloroethane	50.0	51.9		ug/L		104	49 - 155
1,1-Dichloroethene	50.0	58.2		ug/L		116	10 - 234
Ethylbenzene	50.0	51.8		ug/L		104	37 - 162
Methyl bromide	50.0	56.3		ug/L		113	10 - 242
Methyl chloride	50.0	39.2		ug/L		78	10 - 273
m&p-Xylene	50.0	49.6		ug/L		99	
o-Xylene	50.0	50.2		ug/L		100	
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100	46 - 157
Tetrachloroethene	50.0	55.0		ug/L		110	64 - 148
Toluene	50.0	43.0		ug/L		86	47 - 150

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-108449-1

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

Lab Sample ID: LCS 500-326180/4
Matrix: Water
Analysis Batch: 326180

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	50.6		ug/L		101	54 - 156
1,1,1-Trichloroethane	50.0	53.9		ug/L		108	52 - 162
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	52 - 150
Trichloroethene	50.0	53.7		ug/L		107	71 - 157
Vinyl chloride	50.0	50.9		ug/L		102	10 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		75 - 120
1,2-Dichloroethane-d4 (Surr)	102		75 - 125
Toluene-d8 (Surr)	93		75 - 120

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 500-326131/1-A
Matrix: Water
Analysis Batch: 326144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 326131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.40	J	5.0	0.54	mg/L		03/08/16 17:40	03/08/16 20:55	1

Lab Sample ID: LCS 500-326131/2-A
Matrix: Water
Analysis Batch: 326144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 326131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	31.7		mg/L		79	78 - 114

Lab Sample ID: 500-108449-2 MS
Matrix: Water
Analysis Batch: 326144

Client Sample ID: Effluent
Prep Type: Total/NA
Prep Batch: 326131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	0.87	J F1 B	44.7	33.7	F1	mg/L		74	78 - 114

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-326211/3
Matrix: Water
Analysis Batch: 326211

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			03/08/16 11:26	1

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-108449-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-326211/4
Matrix: Water
Analysis Batch: 326211

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	2.83		mg/L		94	90 - 110

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

Lab Sample ID: MB 500-326108/1
Matrix: Water
Analysis Batch: 326108

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			03/08/16 15:20	1

Lab Sample ID: LCS 500-326108/2
Matrix: Water
Analysis Batch: 326108

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	206		mg/L		103	80 - 120

Lab Sample ID: 500-108449-1 DU
Matrix: Water
Analysis Batch: 326108

Client Sample ID: Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	2.0	J	<1.6		mg/L		NC	5

Lab Chronicle

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

TestAmerica Job ID: 500-108449-1

Client Sample ID: Influent

Date Collected: 03/07/16 14:00

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	326180	03/09/16 15:26	TCT	TAL CHI
Total/NA	Analysis	624	DL	50	326180	03/09/16 15:53	TCT	TAL CHI
Total/NA	Prep	1664B			326131	03/08/16 18:09	SSF	TAL CHI
Total/NA	Analysis	1664B		1	326144	03/08/16 21:05	SSF	TAL CHI
Total/NA	Analysis	300.0		25	326211	03/08/16 20:11	CCK	TAL CHI
Total/NA	Analysis	SM 2540D		1	326108		SMO	TAL CHI
					(Start)	03/08/16 15:29		
					(End)	03/08/16 15:31		

Client Sample ID: Effluent

Date Collected: 03/07/16 14:05

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	326180	03/09/16 16:19	TCT	TAL CHI
Total/NA	Prep	1664B			326131	03/08/16 18:23	SSF	TAL CHI
Total/NA	Analysis	1664B		1	326144	03/08/16 21:10	SSF	TAL CHI
Total/NA	Analysis	300.0		25	326211	03/08/16 20:24	CCK	TAL CHI
Total/NA	Analysis	SM 2540D		1	326108		SMO	TAL CHI
					(Start)	03/08/16 15:32		
					(End)	03/08/16 15:34		

Client Sample ID: Trip Blank

Date Collected: 03/07/16 00:00

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	326180	03/09/16 16:46	TCT	TAL CHI

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 500-108449-1

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 Satkaski
 Company: _____
 Address: _____
 Address: _____
 Phone: _____
 Fax: _____
 E-Mail: ASatkaski@madison

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

Chain of Custody Record

Lab Job #: 500-108449
 Chain of Custody Number: _____
 Page 1 of 1
 Temperature °C of Cooler: 5.8

Client		Client Project #		Preservative		Parameter		Matrix		 Preservative Key 4° 0 4° 4° 4° 1 to 4° 500-108449 COC	Comments										
Project Name		Project Location/State		Lab Project #		Sampler		Lab PM													
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOC	PAH	BOD/TS/			Chloride	Oil/Grease								
mke		GERS / SVE		Madison, WI		Alina Satkaski		Sandie Fredrick													
1		Influent	3/7/16	1400	9W	X	X	X	X												for VOC + PAH see attached analyte list
2		Effluent	3/7/16	1405	9W	X	X	X	X												
3		Trip Blank	3/7/16			X															

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 Satkaski</u>	Company <u>mke</u>	Date <u>3/7/16</u>	Time <u>1600</u>	Received By <u>Andy Stern</u>	Company <u>TA-HE</u>	Date <u>03/08/16</u>	Time <u>0905</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: _____
 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

Report to Alina Satkaski
 and Andy Stern
 astehn@trcsolutions.com

Lab Comments:

ORIGIN ID:MSNA

SHIP DATE:
ACTWGT: 48
CAD: 7OFF
DIMS: 24x18

A
0274 03.08
5 10:30
RT 519
ST 15

UNITED STATES US

BILL RECEIPT

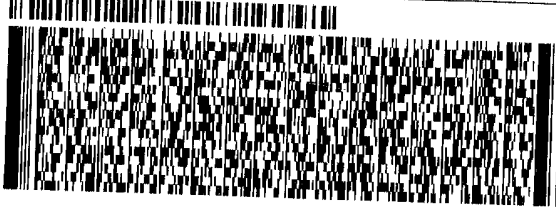
TO **SAMPLE RECEIPT**
TESTAMERICA CHICAGO
2417 BOND ST

UNIVERSITY PARK IL 60484

(708) 634-5200
INU:
PO:

REF:

DEPT:



500-108449 Waybill

TRK# 8097 0423 0274
0215

TUE - 08 MAR 10:30A
PRIORITY OVERNIGHT

79 JOTA

AHS
60484
IL-US ORD



FROM: BOTTLE PREP (708) 634-5200
TESTR 2417
SHIP DATE: 04MAR16
ACTWGT: 15.0 LB MAN

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-108449-1

SDG Number:

Login Number: 108449

List Number: 1

Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

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	5.8
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	



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: 500-108449-2

Client Project/Site: MadisonKipp GETS/SVE

For:

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin 53704

Attn: Alina Satkoski



Authorized for release by:

3/16/2016 11:44:15 AM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

LINKS

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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: 500-108449-2

Job ID: 500-108449-2

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-108449-2**

Comments

No additional comments.

Receipt

The samples were received on 3/8/2016 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.8° C.

GC/MS Semi VOA

Method(s) 625 SIM: Internal standard (ISTD) response for Chrysene-d12 in the following sample was outside of acceptance limits: Effluent (500-108449-2). No compounds were detected that are associated with this ISTD; therefore, the data is reported.

Method(s) 625 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 490-324012 and analytical batch 490-324170.

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: 500-108449-2

Client Sample ID: Influent

Lab Sample ID: 500-108449-1

No Detections.

Client Sample ID: Effluent

Lab Sample ID: 500-108449-2

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: 500-108449-2

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: 500-108449-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-108449-1	Influent	Water	03/07/16 14:00	03/08/16 09:05
500-108449-2	Effluent	Water	03/07/16 14:05	03/08/16 09:05

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Client Sample Results

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

TestAmerica Job ID: 500-108449-2

Client Sample ID: Influent

Date Collected: 03/07/16 14:00

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-1

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		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:14	1
Benzo[a]pyrene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:14	1
Benzo[b]fluoranthene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:14	1
Benzo[g,h,i]perylene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Benzo[k]fluoranthene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Chrysene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Dibenz(a,h)anthracene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:14	1
Fluoranthene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Indeno[1,2,3-cd]pyrene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:14	1
Naphthalene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Phenanthrene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1
Pyrene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	0	X	29 - 120	03/14/16 20:04	03/15/16 18:14	1
Nitrobenzene-d5	71		27 - 120	03/14/16 20:04	03/15/16 18:14	1
Phenol-d5	0	X	10 - 120	03/14/16 20:04	03/15/16 18:14	1
Terphenyl-d14	82		13 - 120	03/14/16 20:04	03/15/16 18:14	1
2,4,6-Tribromophenol	0	X	10 - 120	03/14/16 20:04	03/15/16 18:14	1
2-Fluorobiphenyl (Surr)	78		10 - 120	03/14/16 20:04	03/15/16 18:14	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			03/09/16 09:51	1

Client Sample Results

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

TestAmerica Job ID: 500-108449-2

Client Sample ID: Effluent

Date Collected: 03/07/16 14:05

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-2

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	<0.024	*	0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:40	1
Benzo[a]pyrene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:40	1
Benzo[b]fluoranthene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:40	1
Benzo[g,h,i]perylene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Benzo[k]fluoranthene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Chrysene	<0.048	*	0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Dibenz(a,h)anthracene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:40	1
Fluoranthene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Indeno[1,2,3-cd]pyrene	<0.024		0.048	0.024	ug/L		03/14/16 20:04	03/15/16 18:40	1
Naphthalene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Phenanthrene	<0.048		0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1
Pyrene	<0.048	*	0.096	0.048	ug/L		03/14/16 20:04	03/15/16 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	0	X	29 - 120	03/14/16 20:04	03/15/16 18:40	1
Nitrobenzene-d5	68		27 - 120	03/14/16 20:04	03/15/16 18:40	1
Phenol-d5	0	X	10 - 120	03/14/16 20:04	03/15/16 18:40	1
Terphenyl-d14	17	*	13 - 120	03/14/16 20:04	03/15/16 18:40	1
2,4,6-Tribromophenol	0	X	10 - 120	03/14/16 20:04	03/15/16 18:40	1
2-Fluorobiphenyl (Surr)	70		10 - 120	03/14/16 20:04	03/15/16 18:40	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			03/09/16 09:53	1

Definitions/Glossary

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

TestAmerica Job ID: 500-108449-2

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	ISTD response or retention time outside acceptable limits

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: 500-108449-2

GC/MS Semi VOA

Prep Batch: 324012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	625	
500-108449-2	Effluent	Total/NA	Water	625	
LCS 490-324012/2-A	Lab Control Sample	Total/NA	Water	625	
MB 490-324012/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 324170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	625 SIM	324012
500-108449-2	Effluent	Total/NA	Water	625 SIM	324012
LCS 490-324012/2-A	Lab Control Sample	Total/NA	Water	625 SIM	324012
MB 490-324012/1-A	Method Blank	Total/NA	Water	625 SIM	324012

General Chemistry

Analysis Batch: 326196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-108449-1	Influent	Total/NA	Water	SM 5210B	
500-108449-2	Effluent	Total/NA	Water	SM 5210B	
LCS 500-326196/2	Lab Control Sample	Total/NA	Water	SM 5210B	
USB 500-326196/1	Method Blank	Total/NA	Water	SM 5210B	

Surrogate Summary

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

TestAmerica Job ID: 500-108449-2

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	2FP (29-120)	NBZ (27-120)	PHL (10-120)	TPH (13-120)	TBP (10-120)	FBP (10-120)
500-108449-1	Influent	0 X	71	0 X	82	0 X	78
500-108449-2	Effluent	0 X	68	0 X	17 *	0 X	70
LCS 490-324012/2-A	Lab Control Sample	0 X	83	0 X	89	0 X	78
MB 490-324012/1-A	Method Blank	0 X	76	0 X	87	0 X	79

Surrogate Legend

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

QC Sample Results

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

TestAmerica Job ID: 500-108449-2

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

Lab Sample ID: MB 490-324012/1-A
Matrix: Water
Analysis Batch: 324170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 324012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.025		0.050	0.025	ug/L		03/14/16 20:04	03/15/16 17:20	1
Benzo[a]pyrene	<0.025		0.050	0.025	ug/L		03/14/16 20:04	03/15/16 17:20	1
Benzo[b]fluoranthene	<0.025		0.050	0.025	ug/L		03/14/16 20:04	03/15/16 17:20	1
Benzo[g,h,i]perylene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Benzo[k]fluoranthene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Chrysene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Dibenz(a,h)anthracene	<0.025		0.050	0.025	ug/L		03/14/16 20:04	03/15/16 17:20	1
Fluoranthene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Indeno[1,2,3-cd]pyrene	<0.025		0.050	0.025	ug/L		03/14/16 20:04	03/15/16 17:20	1
Naphthalene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Phenanthrene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1
Pyrene	<0.050		0.10	0.050	ug/L		03/14/16 20:04	03/15/16 17:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	0	X	29 - 120	03/14/16 20:04	03/15/16 17:20	1
Nitrobenzene-d5	76		27 - 120	03/14/16 20:04	03/15/16 17:20	1
Phenol-d5	0	X	10 - 120	03/14/16 20:04	03/15/16 17:20	1
Terphenyl-d14	87		13 - 120	03/14/16 20:04	03/15/16 17:20	1
2,4,6-Tribromophenol	0	X	10 - 120	03/14/16 20:04	03/15/16 17:20	1
2-Fluorobiphenyl (Surr)	79		10 - 120	03/14/16 20:04	03/15/16 17:20	1

Lab Sample ID: LCS 490-324012/2-A
Matrix: Water
Analysis Batch: 324170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 324012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	0.800	0.712		ug/L		89	33 - 143
Benzo[a]pyrene	0.800	0.681		ug/L		85	17 - 163
Benzo[b]fluoranthene	0.800	0.841		ug/L		105	24 - 159
Benzo[g,h,i]perylene	0.800	0.748		ug/L		94	10 - 219
Benzo[k]fluoranthene	0.800	0.736		ug/L		92	11 - 162
Chrysene	0.800	0.840		ug/L		105	17 - 168
Dibenz(a,h)anthracene	0.800	0.764		ug/L		95	10 - 227
Fluoranthene	0.800	0.786		ug/L		98	26 - 137
Indeno[1,2,3-cd]pyrene	0.800	0.739		ug/L		92	10 - 171
Naphthalene	0.800	0.972		ug/L		122	21 - 133
Phenanthrene	0.800	0.753		ug/L		94	54 - 120
Pyrene	0.800	0.751		ug/L		94	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	89		13 - 120
2,4,6-Tribromophenol	0	X	10 - 120
2-Fluorobiphenyl (Surr)	78		10 - 120

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-108449-2

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 500-326196/1
Matrix: Water
Analysis Batch: 326196

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			03/09/16 09:15	1

Lab Sample ID: LCS 500-326196/2
Matrix: Water
Analysis Batch: 326196

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	212		mg/L		107	85 - 115

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

Lab Chronicle

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

TestAmerica Job ID: 500-108449-2

Client Sample ID: Influent

Date Collected: 03/07/16 14:00

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			324012	03/14/16 20:04	DHC	TAL NSH
Total/NA	Analysis	625 SIM		1	324170	03/15/16 18:14	WDS	TAL NSH
Total/NA	Analysis	SM 5210B		1	326196		MAN	TAL CHI
					(Start)	03/09/16 09:51		
					(End)	03/09/16 09:53		

Client Sample ID: Effluent

Date Collected: 03/07/16 14:05

Date Received: 03/08/16 09:05

Lab Sample ID: 500-108449-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			324012	03/14/16 20:04	DHC	TAL NSH
Total/NA	Analysis	625 SIM		1	324170	03/15/16 18:40	WDS	TAL NSH
Total/NA	Analysis	SM 5210B		1	326196		MAN	TAL CHI
					(Start)	03/09/16 09:53		
					(End)	03/09/16 09:55		

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: 500-108449-2

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	06-30-16
A2LA	ISO/IEC 17025		0453.07	03-31-16 *
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-16 *
Arkansas DEQ	State Program	6	88-0737	04-25-16 *
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-17
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	03-31-16 *
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	03-31-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Chicago

Report To (optional)
Contact: Alina Satkaski
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
E-Mail: ASatkaski@madison


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

Chain of Custody Record

Lab Job #: 500-108449
Chain of Custody Number: _____
Page 1 of 1
Temperature °C of Cooler: 5.8

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	VOC	PAH	BOD/TS/	Chloride	Oil/Grease	
1		Influent	3/7/16	1400	9W	X	X	X	X	X	For VOC + PAH see attached analyte list
2		Effluent	3/7/16	1405	9W	X	X	X	X	X	
3		Trip Blank	3/7/16			X					

Preservative Key
4°
0 4°
4°
4°
1 to 4°



500-108449 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>Alina Satkaski</u>	Company <u>mke</u>	Date <u>3/7/16</u>	Time <u>1600</u>	Received By <u>Andy Stern</u>	Company <u>TA-HE</u>	Date <u>03/08/16</u>	Time <u>0905</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
Shipped: _____
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
Report to Alina Satkaski and Andy Stern astehn@trcsolutions.com

Lab Comments:

ORIGIN ID:MSNA

SHIP DATE:
ACTWGT: 48
CAD: 7OFF
DIMS: 24x18

A
0274 03.08
5 10:30
RT 519
ST 15

UNITED STATES US

BILL RECEIPT

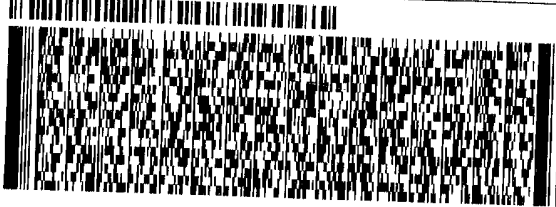
TO **SAMPLE RECEIPT**
TESTAMERICA CHICAGO
2417 BOND ST

UNIVERSITY PARK IL 60484

(708) 634-5200
INU:
PO:

REF:

DEPT:



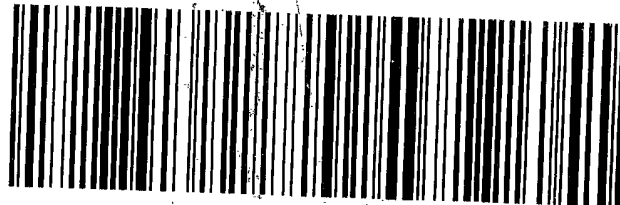
500-108449 Waybill

TRK# 8097 0423 0274
0215

TUE - 08 MAR 10:30A
PRIORITY OVERNIGHT

79 JOTA

AHS
60484
IL-US ORD



FROM: BOTTLE PREP (708) 634-5200
TESTR
2417
SHIP DATE: 04MAR16
ACTWGT: 15.0 LB MAN
DIMS: 24x18x18

TestAmerica Chicago

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

Chain of Custody Record



THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)

Client Contact:
Shipping/Receiving:
Company: TestAmerica Laboratories, Inc

Sampler:
Phone:
E-Mail: sandie.fredrick@testamericainc.com

Lab Pmt: Fredrick, Sandie J

Carrier Tracking No(s):
COC No: 500-71186-1

Address: 2960 Foster Creighton Drive,
City: Nashville
State Zip: TN, 37204

Due Date Requested: 3/9/2016
TAT Requested (days):

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

PO #:
W/O #:

Project Name: MadisonKlipp GETS/SVE

Project #: 50009145
SSOW#:

Sample Identification - Client ID (Lab ID)

Influent (500-108449-1)
Effluent (500-108449-2)

Sample Date: 3/7/16
Sample Time: 14:00 Central 14:05 Central

Sample Type (C=comp, G=grab)
Matrix (W=Water, S=solid, O=Other, Vol=Vol)

Water
Water

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:

- Preservation Codes:
- A - HCl
 - B - NaOH
 - C - Zn Acetate
 - D - Nitric Acid
 - E - H₂SO₄
 - F - MeOH
 - G - Acetone
 - H - Ascorbic Acid
 - I - Ice
 - J - DI Water
 - K - EDTA
 - L - EDA
 - Other:
 - M - Hexane
 - N - None
 - O - AsNaO2
 - P - Na2O4S
 - Q - Na2SO3
 - R - Na2S2O3
 - S - H2SO4
 - T - TSP Dodecahydrate
 - U - Acetone
 - V - MCAA
 - W - pH 4-5
 - Z - other (Specify)

Possible Hazard Identification

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

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by: *[Signature]*

Date/Time: 03/09/16

Company: TAN

Received by: *[Signature]*

Date/Time: 3-9-16

Company: TAN

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Custody Seals Intact:
Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.7

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

Special Instructions/QC Requirements:

COOLER RECEIPT FORM

Cooler Received/Opened On 3.9.16 @ 2439 0700 DMA 3-9-16

Time Samples Removed From Cooler 0805 Time Samples Placed In Storage _____ (2 Hour Window)

1. Tracking # 6514-0422-2939 (last 4 digits, FedEx) Courier: FedEx 1st Overnight
IR Gun ID 18290455 pH Strip Lot HC564992 Chlorine Strip Lot 072815A

2. Temperature of rep. sample or temp blank when opened: 1.7 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) msm

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) DA

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) DA

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) DA

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

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

Login Sample Receipt Checklist

Client: Madison-Kipp Corporation

Job Number: 500-108449-2

SDG Number:

Login Number: 108449

List Number: 1

Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8
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: 500-108449-2

SDG Number:

Login Number: 108449

List Number: 2

Creator: Armstrong, Daniel

List Source: TestAmerica Nashville

List Creation: 03/09/16 08:11 AM

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.	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	1.7C
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

